#### OF THE STATE OF NORTH DAKOTA

CASE NO. 17009 ORDER NO. 19277

IN THE MATTER OF A HEARING CALLED ON A MOTION OF THE COMMISSION TO CONSIDER THE APPLICATION OF FIDELITY EXPLORATION & PRODUCTION CO. FOR AN ORDER **EXTENDING** THE BOUNDARIES AND AMENDING THE FIELD RULES FOR THE DUTCH HENRY BUTTE-BAKKEN POOL TO CREATE AND ESTABLISH TWO 1280-ACRE SPACING UNITS COMPRISED OF SECTION 2 AND 11, T.140N., R.97W.; AND SECTIONS 6 AND 7, T.140N., R.96W., STARK COUNTY, ND, AUTHORIZING THE DRILLING OF ONE HORIZONTAL WELL ON EACH SPACING UNIT. AND SUCH OTHER RELIEF AS IS APPROPRIATE.

#### ORDER OF THE COMMISSION

#### THE COMMISSION FINDS:

- (1) This cause came on for hearing at 9:00 a.m. on the 29th day of February, 2012.
- (2) The witnesses for Fidelity Exploration & Production Company (Fidelity) provided telephonic testimony in this matter pursuant to North Dakota Administrative Code (NDAC) Section 43-02-03-88.2. Telephonic Communication Affidavits were received on March 5, 2012; therefore, such testimony may be considered evidence.
- (3) Fidelity made application to the Commission for an order extending the field boundaries and amending the field rules for the Dutch Henry Butte-Bakken Pool to create and establish two 1280-acre spacing units comprised of Section 2 and 11, Township 140 North, Range 97 West (Sections 2 and 11); and Sections 6 and 7, Township 140 North, Range 96 West (Sections 6 and 7), Stark County, North Dakota, authorizing the drilling of one horizontal well on each spacing unit, and such other relief as is appropriate.
- (4) Order No. 16336 entered in Case No. 14061, the most recent spacing order for the Dutch Henry Butte-Bakken Pool, established proper spacing for the development of Zone I at one horizontal well per 640 acres, Zone II at one horizontal well per 1280 acres, and Zone III at up to two horizontal wells per 1280 acres.
- (5) Section 2 and Section 11 are currently 640-acre spacing units in Zone I in the Dutch Henry Butte-Bakken Pool.

(6) The Fidelity #14-11H Wock (File No. 19275) is a horizontal well completed in the upper Three Forks Formation in the Dutch Henry Butte-Bakken Pool in the 640-acre spacing unit described as Section 11 from a surface location 217 feet from the south line and 1227 feet from the west line of Section 11 to a bottom hole location in the NE/4 NW/4. There are no wells permitted to or producing from the Dutch Henry Butte-Bakken Pool in Section 2, but Fidelity plans to drill a horizontal well in the 640-acre spacing unit described as Section 2. Fidelity requested Section 2 and Section 11 remain 640-acre spacing units.

- (7) Sections 6 and 7 are adjacent to or adjoining to the Dickinson Field.
- (8) Case No. 16305, heard on the December 14, 2011 docket, is an application by Burlington Resources Oil & Gas Company LP for an order extending the outline and amending the applicable orders for the South Heart Field and such other fields as may be appropriate so as to designate Sections 25 and 36; Sections 26 and 35; Sections 27 and 34; Sections 28 and 33, Township 140 North, Range 97 West; Sections 1 and 12; Sections 2 and 11; Sections 3 and 10, Township 139 North, Range 97 West; Sections 18 and 19; and Sections 30 and 31, Township 139 North, Range 96 West, Stark County, North Dakota, as 1280-acre drilling or spacing units, eliminating the 1220-foot setback policy for wells drilled on such units, extending the stratigraphic interval included within any pool in which said units may be included to include to depth of 100 feet below the top of the Three Forks Formation, and such other relief as is appropriate. Order No. 18570 entered in Case No. 16305, established the Dickinson-Bakken Pool and included Sections 6 and 7 in the Dickinson Field.
- (9) Fidelity proposes to develop the 640-acre spacing unit described as Section 2 by drilling a horizontal well in the upper Three Forks Formation in the Bakken Pool 1229 feet from the west boundary. Fidelity testified they will drill this well prior to drilling a horizontal well in the proposed standup 1280-acre spacing unit described as Sections 2 and 11.
- (10) Fidelity proposes to develop the standup 1280-acre spacing unit described as Sections 2 and 11 by drilling a horizontal well in the upper Three Forks Formation in the Bakken Pool 1230 feet from the east boundary. Fidelity proposes to develop the standup 1280-acre spacing unit described as Sections 6 and 7 by drilling a horizontal well in the upper Three Forks Formation in the Bakken Pool 1980 feet from the west boundary. Utilization of horizontal drilling technology as proposed would result in the wells being completed at a location or locations not in compliance with current applicable spacing orders for the Dutch Henry Butte-Bakken Pool or NDAC Section 43-02-03-18. The horizontal well designs proposed may be preliminary and could be changed for various reasons which is permissible as long as the horizontal well design still justifies the proposed spacing unit.
- (11) Allowing the Wock #14-11H well and the proposed horizontal well in Section 2 to produce on their existing spacing units, will provide maximum ultimate recovery from the Dutch Henry Butte-Bakken Pool in a manner that will protect correlative rights.
- (12) The Commission will take administrative notice of the testimony given in Case No. 12246 which was scheduled on a motion of the Commission to consider amending the current Bakken Pool field rules to eliminate or reduce the setbacks currently established for the heel and toe of horizontal wells in North Dakota, and such other relief as is appropriate, heard on March 23,

2010. Order No. 14498 entered in Case No. 12246 amended all current 660 or 500-feet setback requirements in any established Bakken Pool spacing unit or drilling unit relative to the heel and toe of a horizontal well to 200 feet.

- (13) There were no objections to this application.
- (14) If Fidelity's activities are successful, greater ultimate recovery of oil and gas from the pool will be achieved which will prevent waste and the drilling of unnecessary wells in a manner which will not have a detrimental effect on correlative rights.

#### IT IS THEREFORE ORDERED:

- (1) Sections 2 and 11, Township 140 North, Range 97 West, Stark County, North Dakota, are hereby established as a standup 1280-acre spacing unit for the exclusive purpose of drilling one horizontal well within said spacing unit within the Dutch Henry Butte-Bakken Pool and Zone II is hereby extended to include said spacing unit. Existing and future vertical and directional wells drilled within the spacing unit herein established shall not be subject to this order.
- (2) Sections 6 and 7, Township 140 North, Range 96 West, Stark County, North Dakota, are hereby established as a standup 1280-acre spacing unit for the exclusive purpose of drilling one horizontal well within said spacing unit within the Dickinson-Bakken Pool and Zone I is hereby created to include said spacing unit. Existing and future vertical and directional wells drilled within the spacing unit herein established shall not be subject to this order.
- (3) Fidelity Exploration & Production Company, its assigns or successors, shall drill a horizontal well in the W/2 of the 640-acre spacing unit described as Section 2, Township 140 North, Range 97 West, Stark County, North Dakota, prior to drilling a horizontal well in the standup 1280-acre spacing unit described as Sections 2 and 11, Township 140 North, Range 97 West, Stark County, North Dakota.
- (4) The Director is hereby authorized to exercise continuing jurisdiction in this matter to determine whether a horizontal well proposed or drilled upon the 1280-acre spacing units herein established has justified the creation of such unit, to require amendments or modifications to the permit to drill for such horizontal well, and to deny a permit to drill in the event a well is proposed to be drilled in a manner inconsistent with the evidence that justified such spacing unit.
- (5) Provisions established herein for the Dutch Henry Butte-Bakken Pool are for the exclusive purpose of drilling horizontal wells. Existing and future vertical and directional wells drilled within the area defined in paragraph (7) below shall not be subject to this order.
- (6) In any horizontal well drilled or well re-entered to drill a horizontal lateral in the Dutch Henry Butte-Bakken Pool, in which a window is cut in the casing and the Lodgepole Formation is to be open to the well bore, appropriate geological information (drill time, estimated porosity, oil shows, total gas, etc.) shall be gathered while drilling through the Lodgepole Formation and the Commission shall be notified immediately of any significant shows encountered.

(7) The Dutch Henry Butte Field is hereby redefined as the following described tracts of land in Stark County, North Dakota:

<u>TOWNSHIP 140 NORTH, RANGE 97 WEST, 5TH PM</u> ALL OF SECTIONS 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 16, 17, 18, 19, 20 AND 21.

(8) The Dutch Henry Butte-Bakken Pool is hereby redefined as the following described tracts of land in Stark County, North Dakota:

ZONE I (640H)

TOWNSHIP 140 NORTH, RANGE 97 WEST, 5TH PM ALL OF SECTIONS 2, 5, 6 AND 11.

ZONE II (1280H-STANDUP)

TOWNSHIP 140 NORTH, RANGE 97 WEST, 5TH PM ALL OF SECTIONS 2 AND 11.

ZONE III (2/1280H-LAYDOWN)

TOWNSHIP 140 NORTH, RANGE 97 WEST, 5TH PM ALL OF SECTIONS 19 AND 20.

ZONE IV (4/1280H-STANDUP)

TOWNSHIP 140 NORTH, RANGE 97 WEST, 5TH PM ALL OF SECTIONS 1, 3, 4, 7, 8, 9, 10, 12, 16, 17, 18 AND 21.

- (9) The Dutch Henry Butte-Bakken Pool is hereby defined as that accumulation of oil and gas found in the interval from 100 feet above the top of the Bakken Formation to 100 feet below the top of the Three Forks Formation within the limits of the field as set forth above.
- (10) The proper spacing for the development of Zone I in the Dutch Henry Butte-Bakken Pool is hereby set at one horizontal well per 640-acre spacing unit.
- (11) All portions of the well bore not isolated by cement of any horizontal well in Zone I in the Dutch Henry Butte-Bakken Pool shall be no closer than 500 feet to the boundary of the spacing unit the lateral is most nearly parallel to and 200 feet to the boundary of the spacing unit the lateral is most nearly perpendicular to. Measurement inaccuracies in the directional survey equipment need not be considered except when deemed necessary by the Director.
- (12) Spacing units hereafter created in Zone I in the Dutch Henry Butte-Bakken Pool shall consist of a governmental section.
- (13) Sections 2 and 11, Township 140 North, Range 97 West, Stark County, North Dakota, are also designated a standup 1280-acre spacing unit in Zone II in the Dutch Henry Butte-Bakken Pool.

- (14) A horizontal well shall be drilled in the W/2 of the 640-acre spacing unit described as Section 2, Township 140 North, Range 97 West, Stark County, North Dakota, prior to drilling a horizontal well in the standup 1280-acre spacing unit in Zone II described as Sections 2 and 11, Township 140 North, Range 97 West, Stark County, North Dakota.
- (15) Zone I in the Dutch Henry Butte-Bakken Pool shall not be extended except by further order of the Commission after due notice and hearing.
- (16) The proper spacing for the development of Zone II in the Dutch Henry Butte-Bakken Pool is hereby set at one horizontal well per standup 1280-acre spacing unit.
- (17) All portions of the well bore not isolated by cement of any horizontal well in Zone II in the Dutch Henry Butte-Bakken Pool shall be no closer than 500 feet to the east or west boundary and 200 feet to the north or south boundary of the spacing unit. Measurement inaccuracies in the directional survey equipment need not be considered except when deemed necessary by the Director.
- (18) Sections 2 and 11, Township 140 North, Range 97 West, Stark County, North Dakota, are hereby designated a standup 1280-acre spacing unit in Zone II in the Dutch Henry Butte-Bakken Pool.
- (19) Spacing units hereafter created in Zone II in the Dutch Henry Butte-Bakken Pool shall be standup spacing units consisting of two adjacent governmental sections.
- (20) Section 2; and Section 11, Township 140 North, Range 97 West, Stark County, North Dakota, are also designated 640-acre spacing units in Zone I in the Dutch Henry Butte-Bakken Pool.
- (21) A horizontal well shall be drilled in the W/2 of the 640-acre spacing unit described as Section 2, Township 140 North, Range 97 West, Stark County, North Dakota, prior to drilling a horizontal well in the standup 1280-acre spacing unit in Zone II described as Sections 2 and 11, Township 140 North, Range 97 West, Stark County, North Dakota.
- (22) Zone II in the Dutch Henry Butte-Bakken Pool shall not be extended except by further order of the Commission after due notice and hearing.
- (23) The proper spacing for the development of Zone III in the Dutch Henry Butte-Bakken Pool is hereby set at up to two horizontal wells per laydown 1280-acre spacing unit.
- (24) All portions of the well bore not isolated by cement of any horizontal well in Zone III in the Dutch Henry Butte-Bakken Pool shall be no closer than 500 feet to the north or south boundary and 200 feet to the east or west boundary of the spacing unit. Measurement inaccuracies in the directional survey equipment when calculating the bottom hole location in a horizontal well need not be considered.

- (25) Sections 19 and 20, Township 140 North, Range 97 West, Stark County, North Dakota, are hereby designated a laydown 1280-acre spacing unit in Zone III in the Dutch Henry Butte-Bakken Pool.
- (26) Spacing units hereafter created in Zone III in the Dutch Henry Butte-Bakken Pool shall be laydown spacing units consisting of two adjacent governmental sections.
- (27) Zone III in the Dutch Henry Butte-Bakken Pool shall not be extended except by further order of the Commission after due notice and hearing.
- (28) The proper spacing for the development of Zone IV in the Dutch Henry Butte-Bakken Pool is hereby set at up to four horizontal wells per standup 1280-acre spacing unit.
- (29) All portions of the well bore not isolated by cement of any horizontal well in Zone IV in the Dutch Henry Butte-Bakken Pool shall be no closer than 500 feet to the east or west boundary and 200 feet to the north or south boundary of the spacing unit. Measurement inaccuracies in the directional survey equipment when calculating the bottom hole location in a horizontal well need not be considered.
- (30) Sections 1 and 12; Sections 3 and 10; Sections 4 and 9; Sections 7 and 18; Sections 8 and 17; and Sections 16 and 21, Township 140 North, Range 97 West, Stark County, North Dakota, are hereby designated standup 1280-acre spacing units in Zone IV in the Dutch Henry Butte-Bakken Pool.
- (31) Spacing units hereafter created in Zone IV in the Dutch Henry Butte-Bakken Pool shall be standup spacing units consisting of two adjacent governmental sections.
- (32) Zone IV in the Dutch Henry Butte-Bakken Pool shall not be extended except by further order of the Commission after due notice and hearing.
- (33) The operator of any horizontally drilled well in the Dutch Henry Butte-Bakken Pool shall cause to be made a directional survey of the well bore. The directional survey contractor shall file a certified survey with the Commission within 30 days after completion of the well in accordance with NDAC Section 43-02-03-25. The survey shall be of sufficient quality to enable the Commission to determine the entire completion location of the well and its terminus.
- (34) The Director is hereby authorized to exercise continuing jurisdiction to determine whether any well proposed or drilled upon any spacing unit herein established has justified the creation of such unit, to require amendments or modifications to the permit to drill for such well, and to deny a permit to drill in the event a well is proposed to be drilled in a manner inconsistent with the evidence that justified the spacing requirements in the Dutch Henry Butte-Bakken Pool.
- (35) The Commission shall have continuing jurisdiction in this matter and specifically reserves the authority, upon its own motion or the motion of any interested party, to: (1) review the spacing requirements for the Dutch Henry Butte-Bakken Pool; (2) determine whether the separate zones of spacing established herein are warranted; and, (3) make such further amendments or modifications to the spacing requirements for the Dutch Henry Butte-Bakken Pool as the Commission deems appropriate.

(36) No well shall be hereafter drilled or produced in the Dutch Henry Butte-Bakken Pool, as defined herein, except in conformity with the regulations above without special order of the Commission after due notice and hearing.

- (37) The following rules concerning the casing, tubing and equipping of wells shall apply to the subsequent drilling and operation of wells in the Dutch Henry Butte-Bakken Pool:
  - (a) The surface casing shall consist of new or reconditioned pipe that has been previously tested to 1000 pounds per square inch. The casing shall be set and cemented at a point not less than 50 feet below the base of the Fox Hills Formation. Sufficient cement shall be used to fill the annular space outside the pipe to the surface of the ground or the bottom of the cellar, and sufficient scratchers and centralizers shall be used to assure a good cement job. Cement shall be allowed to stand a minimum of 12 hours before drilling the plug or initiating tests. The quality of cement shall conform to the standards provided under NDAC Section 43-02-03-21. After cementing, the casing shall be tested by application of pump pressure of at least 1500 pounds per square inch. If, at the end of 30 minutes this pressure shall have dropped 150 pounds per square inch or more, the casing shall be repaired. Thereafter, the casing shall again be tested in the same manner. Further work shall not proceed until a satisfactory test has been obtained;
  - (b) The producing or oil string shall consist of new or reconditioned pipe that has been previously tested to 2000 pounds per square inch. Casing shall be set and cemented at a point not higher than the top of the producing formation, or at a point approved by the Director. However, any wells re-entered for the purpose of drilling a horizontal lateral within the Bakken Pool, shall be allowed to be completed open hole no higher than the top of the Lodgepole Formation. Sufficient cement shall be used and applied in such manner to protect and isolate all formations containing oil and/or gas, protect the pipe through salt sections encountered, and to isolate the Dakota-Lakota Series. The cement shall be allowed to stand a minimum of 15 hours before drilling the plug or initiating tests. The quality of cement shall conform to the standards provided under NDAC Section 43-02-03-21. After cementing, the casing shall be tested by application of pump pressure of at least 1500 pounds per square inch. If, at the end of 30 minutes this pressure shall have dropped 150 pounds per square inch or more, the casing shall be repaired. Thereafter, the casing shall again be tested in the same manner. Further work shall not proceed until a satisfactory test has been obtained;
  - (c) All well-head fittings and connections shall have a working pressure in excess of that to which they are expected to be subjected; and,
  - (d) All wells shall be equipped with tubing; a tubing packer must also be utilized in flowing wells unless a waiver is obtained from the Director after demonstrating the casing will not be subjected to excessive pressure or corrosion; all tubing shall be of

sufficient internal diameter to allow the passage of a bottom hole pressure gauge for the purpose of obtaining bottom hole pressure measurements.

- (38) The gas-oil ratio of all wells not connected to a gas gathering system shall be measured annually during the month of May. The reservoir pressure shall be measured in any well completed in the Dutch Henry Butte-Bakken Pool if deemed necessary by the Director. Drill stem test pressures are acceptable for determining reservoir pressure. Pressure measurements shall be made at or adjusted to a subsea datum of 7800 feet. All gas-oil ratio and reservoir pressure determinations shall be made by methods approved by the Director and reported to the Director within 15 days following the end of the month in which they are determined. The Director is authorized to waive these requirements if the necessity therefore can be demonstrated to his satisfaction. All additional gas-oil ratio and reservoir pressure determinations conducted on any well, but not specially required herein, shall be reported to the Director within 15 days following the end of the month in which they are determined.
- (39) No saltwater, drilling mud, crude oil, or waste oil shall be stored in pits in this field, except in an emergency, and approved by the Director.
- (40) The Eleanore #1-5 well, located in the SW/4 SW/4 of Section 5, Township 140 North, Range 97 West, Stark County, North Dakota, shall be allowed to produce at a maximum efficient rate.
- (41) All other wells in the Dutch Henry Butte-Bakken Pool shall be allowed to produce at a maximum efficient rate for a period of 60 days commencing on the first day oil is produced through well-head equipment into tanks from the ultimate producing interval after casing has been run; after that, oil production from such wells shall not exceed an average of 200 barrels per day for a period of 60 days; after that, oil production from such wells shall not exceed an average of 150 barrels per day for a period of 60 days, thereafter, oil production from such wells shall not exceed an average of 100 barrels of oil per day; if and when such wells are connected to a gas gathering and processing facility the foregoing restrictions shall be removed, and the wells shall be allowed to produce at a maximum efficient rate. The Director is authorized to issue an administrative order allowing unrestricted production at a maximum efficient rate for a period not to exceed 120 days, commencing on the first day oil is produced through well-head equipment into tanks from the ultimate producing interval after casing has been run, if the necessity therefor can be demonstrated to his satisfaction.
- (42) If the flaring of gas produced with crude oil from the Dutch Henry Butte-Bakken Pool causes, or threatens to cause, degradation of ambient air quality, production from the pool shall be further restricted.
- (43) This portion of this order shall cover all of the Dutch Henry Butte-Bakken Pool, common source of supply of crude oil and/or natural gas as herein defined, and shall continue in full force and effect until further order of the Commission or until the last well in the pool has been plugged and abandoned.
- (44) The operator of the first producing well in the Dickinson-Bakken Pool shall submit exhibits to be included in the record for Case No. 16305, similar to those typically submitted in a

temporary spacing hearing. Such exhibits shall be submitted within 120 days after completing said well.

- (45) Provisions established herein for the Dickinson-Bakken Pool are for the exclusive purpose of drilling horizontal wells. Existing and future vertical and directional wells drilled within the area defined in paragraph (46) below shall not be subject to this order.
- (46) The Dickinson Field is hereby redefined as the following described tracts of land in Stark County, North Dakota:

## TOWNSHIP 140 NORTH, RANGE 97 WEST, 5TH PM

ALL OF SECTIONS 13, 14, 15, 22, 23, 24, 25, 26, 27, 33, 34, 35 AND 36,

#### TOWNSHIP 140 NORTH, RANGE 96 WEST, 5TH PM

ALL OF SECTIONS 5, 6, 7, 8, 9, 10, 11, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 27, 28, 29, 30, 31, 32 AND 33,

# TOWNSHIP 139 NORTH, RANGE 97 WEST, 5TH PM

ALL OF SECTIONS 1, 2\*, 3\* AND 10\*,

\*The SW/4 SE/4, the S/2 SW/4, and the S/2 NW/4 SW/4 of Section 2, the E/2 SE/4 of Section 3, and the E/2 E/2 of Section 10 are also within the Eland Field.

# TOWNSHIP 139 NORTH, RANGE 96 WEST, 5TH PM ALL OF SECTIONS 5 AND 6.

(47) The Dickinson-Bakken Pool is hereby defined as the following described tracts of land in Stark County, North Dakota:

ZONE I (1280H-STANDUP)

#### TOWNSHIP 140 NORTH, RANGE 97 WEST, 5TH PM

ALL OF SECTIONS 13, 14, 23, 24, 25, 26, 27, 34, 35 AND 36,

#### TOWNSHIP 140 NORTH, RANGE 96 WEST, 5TH PM

ALL OF SECTIONS 6, 7, 14, 15, 16, 17, 18, 19, 20, 21, 22 AND 23,

#### TOWNSHIP 139 NORTH, RANGE 97 WEST, 5TH PM

ALL OF SECTIONS 3\* AND 10\*.

\*The E/2 SE/4 of Section 3, and the E/2 E/2 of Section 10 are also within the Eland Field.

ZONE II (4/1280H-STANDUP)

# TOWNSHIP 140 NORTH, RANGE 97 WEST, 5TH PM

ALL OF SECTIONS 15 AND 22.

#### ZONE III (6/1280H-STANDUP)

# TOWNSHIP 140 NORTH, RANGE 96 WEST, 5TH PM ALL OF SECTIONS 5 AND 8.

- (48) The Dickinson-Bakken Pool is hereby defined as that accumulation of oil and gas found in the interval from below the base of the Lodgepole Formation to 100 feet below the top of the Three Forks Formation within the limits of the field as set forth above.
- (49) The temporary spacing for the development of Zone I in the Dickinson-Bakken Pool is hereby set at one horizontal well per standup 1280-acre spacing unit.
- (50) All portions of the well bore not isolated by cement of any horizontal well in Zone I in the Dickinson-Bakken Pool shall be no closer than 500 feet to the east or west boundary and 200 feet to the north or south boundary of the spacing unit. Measurement inaccuracies in the directional survey equipment need not be considered except when deemed necessary by the Director.
- (51) Sections 13 and 24; Sections 14 and 23; Sections 25 and 36; Sections 26 and 35; Sections 27 and 34, Township 140 North, Range 97 West; Sections 6 and 7; Sections 14 and 23; Sections 15 and 22; Sections 16 and 21; Sections 17 and 20; Sections 18 and 19, Township 140 North, Range 96 West; and Sections 3\* and 10\*, Township 139 North, Range 97 West, Stark County, North Dakota, are hereby designated standup 1280-acre spacing units in Zone I in the Dickinson-Bakken Pool.

\*The E/2 SE/4 of Section 3, and the E/2 E/2 of Section 10 are also within the Eland Field.

- (52) Spacing units hereafter created in Zone I in the Dickinson-Bakken Pool shall be standup spacing units consisting of two adjacent governmental sections.
- (53) Zone I in the Dickinson-Bakken Pool shall not be extended except by further order of the Commission after due notice and hearing.
- (54) The temporary spacing for the development of Zone II in the Dickinson-Bakken Pool is hereby set at up to four horizontal wells per standup 1280-acre spacing unit.
- (55) All portions of the well bore not isolated by cement of any horizontal well in Zone II in the Dickinson-Bakken Pool shall be no closer than 500 feet to the east or west boundary and 200 feet to the north or south boundary of the spacing unit. Measurement inaccuracies in the directional survey equipment when calculating the bottom hole location in a horizontal well need not be considered.
- (56) Sections 15 and 22, Township 140 North, Range 97 West, Stark County, North Dakota, are hereby designated a standup 1280-acre spacing unit in Zone II in the Dickinson-Bakken Pool.
- (57) Spacing units hereafter created in Zone II in the Dickinson-Bakken Pool shall be standup spacing units consisting of two adjacent governmental sections.
- (58) Zone II in the Dickinson-Bakken Pool shall not be extended except by further order of the Commission after due notice and hearing.

- (59) The temporary spacing for the development of Zone III in the Dickinson-Bakken Pool is hereby set at up to six horizontal wells per standup 1280-acre spacing unit.
- (60) All portions of the well bore not isolated by cement of any horizontal well in Zone III in the Dickinson-Bakken Pool shall be no closer than 500 feet to the east or west boundary and 200 feet to the north or south boundary of the spacing unit. Measurement inaccuracies in the directional survey equipment when calculating the bottom hole location in a horizontal well need not be considered.
- (61) Sections 5 and 8, Township 140 North, Range 96 West, Stark County, North Dakota, are hereby designated a standup 1280-acre spacing unit in Zone III in the Dickinson-Bakken Pool.
- (62) Spacing units hereafter created in Zone III in the Dickinson-Bakken Pool shall be standup spacing units consisting of two adjacent governmental sections.
- (63) Zone III in the Dickinson-Bakken Pool shall not be extended except by further order of the Commission after due notice and hearing.
- (64) The operator of any horizontally drilled well in the Dickinson-Bakken Pool shall cause to be made a directional survey of the well bore. The directional survey contractor shall file a certified survey with the Commission within 30 days after completion of the well in accordance with NDAC Section 43-02-03-25. The survey shall be of sufficient quality to enable the Commission to determine the entire completion location of the well and its terminus.
- (65) The Director is hereby authorized to exercise continuing jurisdiction to determine whether any well proposed or drilled upon any spacing unit herein established has justified the creation of such unit, to require amendments or modifications to the permit to drill for such well, and to deny a permit to drill in the event a well is proposed to be drilled in a manner inconsistent with the evidence that justified the spacing requirements in the Dickinson-Bakken Pool.
- (66) The Commission shall have continuing jurisdiction in this matter and specifically reserves the authority, upon its own motion or the motion of any interested party, to: (1) review the spacing requirements for the Dickinson-Bakken Pool; (2) determine whether the separate zones of spacing established herein are warranted; and, (3) make such further amendments or modifications to the spacing requirements for the Dickinson-Bakken Pool as the Commission deems appropriate.
- (67) No well shall be hereafter drilled or produced in the Dickinson-Bakken Pool, as defined herein, except in conformity with the regulations above without special order of the Commission after due notice and hearing.
- (68) The following rules concerning the casing, tubing and equipping of wells shall apply to the subsequent drilling and operation of wells in the Dickinson-Bakken Pool:
  - (a) The surface casing shall consist of new or reconditioned pipe that has been previously tested to 1000 pounds per square inch. The casing shall be set and cemented at a point not less than 50 feet below the base of the Fox Hills Formation. Sufficient cement shall be used to fill the annular space outside the

pipe to the surface of the ground or the bottom of the cellar, and sufficient scratchers and centralizers shall be used to assure a good cement job. Cement shall be allowed to stand a minimum of 12 hours before drilling the plug or initiating tests. The quality of cement shall conform to the standards provided under NDAC Section 43-02-03-21. After cementing, the casing shall be tested by application of pump pressure of at least 1500 pounds per square inch. If, at the end of 30 minutes this pressure shall have dropped 150 pounds per square inch or more, the casing shall be repaired. Thereafter, the casing shall again be tested in the same manner. Further work shall not proceed until a satisfactory test has been obtained;

- (b) The producing or oil string shall consist of new or reconditioned pipe that has been previously tested to 2000 pounds per square inch. Casing shall be set and cemented at a point not higher than the top of the producing formation, or at a point approved by the Director. Sufficient cement shall be used and applied in such manner to protect and isolate all formations containing oil and/or gas, protect the pipe through salt sections encountered, and to isolate the Dakota-Lakota Series. The cement shall be allowed to stand a minimum of 15 hours before drilling the plug or initiating tests. The quality of cement shall conform to the standards provided under NDAC Section 43-02-03-21. After cementing, the casing shall be tested by application of pump pressure of at least 1500 pounds per square inch. If, at the end of 30 minutes this pressure shall have dropped 150 pounds per square inch or more, the casing shall be repaired. Thereafter, the casing shall again be tested in the same manner. Further work shall not proceed until a satisfactory test has been obtained;
- (c) All well-head fittings and connections shall have a working pressure in excess of that to which they are expected to be subjected; and,
- (d) All wells shall be equipped with tubing; a tubing packer must also be utilized in flowing wells unless a waiver is obtained from the Director after demonstrating the casing will not be subjected to excessive pressure or corrosion; all tubing shall be of sufficient internal diameter to allow the passage of a bottom hole pressure gauge for the purpose of obtaining bottom hole pressure measurements.
- (69) The gas-oil ratio of all wells not connected to a gas gathering system shall be measured annually during the month of May. The reservoir pressure shall be measured in any well completed in the Dickinson-Bakken Pool if deemed necessary by the Director. Drill stem test pressures are acceptable for determining reservoir pressure. Pressure measurements shall be made at or adjusted to a subsea datum of 7450 feet. All gas-oil ratio and reservoir pressure determinations shall be made by methods approved by the Director and reported to the Director within 15 days following the end of the month in which they are determined. The Director is authorized to waive these requirements if the necessity therefore can be demonstrated to his satisfaction. All additional gas-oil ratio and reservoir pressure determinations conducted on any well, but not specially required herein, shall be reported to the Director within 15 days following the end of the month in which they are determined.

- (70) No saltwater, drilling mud, crude oil, or waste oil shall be stored in pits in this field, except in an emergency, and approved by the Director.
- (71) For the purposes of division of production to owners of interests in spacing units established by this order, and proven productive prior to the date hereof, this order shall be retroactive to the date of first production.
- (72) All wells completed in the Dickinson-Bakken Pool shall be allowed to produce at a maximum efficient rate through August 31, 2012.
- (73) After August 31, 2012, all wells in the Dickinson-Bakken Pool shall be allowed to produce at a maximum efficient rate for a period of 60 days commencing on the first day oil is produced through well-head equipment into tanks from the ultimate producing interval after casing has been run; after that, oil production from such wells shall not exceed an average of 200 barrels per day for a period of 60 days; after that, oil production from such wells shall not exceed an average of 150 barrels per day for a period of 60 days, thereafter, oil production from such wells shall not exceed an average of 100 barrels of oil per day; if and when such wells are connected to a gas gathering and processing facility the foregoing restrictions shall be removed, and the wells shall be allowed to produce at a maximum efficient rate. The Director is authorized to issue an administrative order allowing unrestricted production at a maximum efficient rate for a period not to exceed 120 days, commencing on the first day oil is produced through well-head equipment into tanks from the ultimate producing interval after casing has been run, if the necessity therefor can be demonstrated to his satisfaction.
- (74) If the flaring of gas produced with crude oil from the Dickinson-Bakken Pool causes, or threatens to cause, degradation of ambient air quality, production from the pool shall be further restricted.
- (75) This portion of this order shall cover all of the Dickinson-Bakken Pool, common source of supply of crude oil and/or natural gas as herein defined, and shall continue in full force and effect until the 31st day of May, 2015. If the Dickinson-Bakken Pool is still producing, the proper spacing for the pool will be considered by the Commission on or before its regularly scheduled hearing date in April, 2015. If, however, the Dickinson-Bakken Pool is no longer producing when the proper spacing is to be considered, the Commission, at its own discretion, may refrain from scheduling a proper spacing hearing and may, without further notice, enter an order dismissing the proper spacing matter.

Dated this 18th day of May, 2012.

INDUSTRIAL COMMISSION STATE OF NORTH DAKOTA

By the Director, on behalf of the Commission

/s/ Lynn D. Helms, Director

#### STATE OF NORTH DAKOTA

#### AFFIDAVIT OF MAILING

#### COUNTY OF BURLEIGH

I, Linda Llewellyn, being duly sworn upon oath, depose and say: That on the <u>25th</u> day of <u>May, 2012</u> enclosed in separate envelopes true and correct copies of the attached Order No. <u>19277</u> of the North Dakota Industrial Commission, and deposited the same with the United States Postal Service in Bismarck, North Dakota, with postage thereon fully paid, directed to the following persons by the Industrial Commission in Case No. 17009:

LAWRENCE BENDER FREDRICKSON & BYRON PO BOX 1855 BISMARCK ND 58502-1855

Linda Llewellyn
Oil & Gas Division

On this <u>25th</u> of <u>May, 2012</u> before me personally appeared Linda Llewellyn to me known as the person described in and who executed the foregoing instrument and acknowledged that she executed the same as her free act and deed.

TRUDY HOGUE
Notary Public
State of North Dakota
My Commission Expires March 4, 2014

Notary Public

State of North Dakota, County of Burleigh

## Kadrmas, Bethany R.

From: Entzi-Odden, Lyn <lodden@fredlaw.com>

Sent: Thursday, April 19, 2012 7:30 AM

To: Hicks, Bruce E.

Cc: Bender, Lawrence; Kennedy, Jim; Heilman, Tracy A.; Kadrmas, Bethany R.

**Subject:** Exped Ord Request-Case 17009

**Attachments:** Fidelity 17009\_001.pdf

Bruce,

Please see the attached.

Thank you.

#### Lyn Entzi-Odden

Executive Legal Assistant to Lawrence Bender Fredrikson & Byron, P.A. 200 North Third Street, Suite 150 Bismarck, ND 58502 Ph: 701-221-4020

Fx: 701-221-4040 lodden@fredlaw.com

\*\*This is a transmission from the law firm of Fredrikson & Byron, P.A. and may contain information which is privileged, confidential, and protected by the attorney-client or attorney work product privileges. If you are not the addressee, note that any disclosure, copying, distribution, or use of the contents of this message is prohibited. If you have received this transmission in error, please destroy it and notify us immediately at our telephone number (612) 492-7000. The name and biographical data provided above are for informational purposes only and are not intended to be a signature or other indication of an intent by the sender to authenticate the contents of this electronic message.\*\*



April 18, 2012

#### VIA EMAIL

Mr. Bruce Hicks Assistant Director North Dakota Industrial Commission Oil and Gas Division 600 East Boulevard Bismarck, North Dakota 58505-0310

RE: Case No. 17009: Application of Fidelity Exploration & Production Co. for an order extending the field boundaries and amending the field rules for the Dutch Henry Butte-Bakken Pool to create and establish two 1280-acre spacing units comprised of Section 2 and 11, T.140N., R.97W., and Sections 6 and 7, T.140N., R.96W., Stark County, ND, authorizing the drilling of one horizontal well on each spacing unit and such other relief as is appropriate.

Dear Mr. Hicks:

I am writing in follow-up to my letter dated March 29, 2012 addressed to Mr. Mark Bohrer, copy enclosed. Fidelity Exploration & Production Company is requesting an expedited order for the captioned matter, heard February 29, 2012.

Should you have any questions, please advise.

Sincerely

LAWRENCE BENDER

LB/leo

Enclosure

cc: Mr. Jim Kennedy – (w/enc.) Via Email

5109605 1.DOC

Attorneys & Advisors main 701.221.4020 fax 701.221.4040 www.fredlaw.com Fredrikson & Byron, P.A. 200 North Third Street, Suite 150 Bismarck, North Dakota 58501-3879

OFFICES:

# Kadrmas, Bethany R.

From: Entzi-Odden, Lyn <lodden@fredlaw.com>

**Sent:** Thursday, March 29, 2012 9:05 AM

**To:** Bohrer, Mark F.

Cc: Kennedy, Jim; Bender, Lawrence; Heilman, Tracy A.; Kadrmas, Bethany R.

**Subject:** Order Request for Fidelity 17009 heard 2/29/12

**Attachments:** Fidelity ord requ 17009\_001.pdf

#### Mark,

Please see the attached letter.

#### Lyn Entzi-Odden

Legal Assistant to William P. Pearce and Lawrence Bender Fredrikson & Byron, P.A. 200 North Third Street, Suite 150 Bismarck, ND 58502 Ph: 701-221-4020

Fx: 701-221-4040 lodden@fredlaw.com

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March 29, 2012

#### VIA EMAIL

Mr. Mark Bohrer North Dakota Industrial Commission Oil and Gas Division 600 East Boulevard Bismarck, North Dakota 58505-0310

RE: Case No. 17009: Application of Fidelity Exploration & Production Co. for an order extending the field boundaries and amending the field rules for the Dutch Henry Butte-Bakken Pool to create and establish two 1280-acre spacing units comprised of Section 2 and 11, T.140N., R.97W., and Sections 6 and 7, T.140N., R.96W., Stark County, ND, authorizing the drilling of one horizontal well on each spacing unit and such other relief as is appropriate.

Dear Mr. Hicks:

I am writing on behalf of Fidelity Exploration & Production Company to request an order with regard to the captioned matter, heard February 29, 2012.

Fidelity's reasons for the order are as follows:

- 1. There has been a change in the drill schedule and Fidelity anticipates to spud a cross unit well in Sections 2 and 11, Township 140 North, Range 97 West, in July, 2012, and accordingly, needs to permit and build ASAP.
- 2. Fidelity can also move to Sections 6 and 7, Township 140 North, Range 96 West, and drill right after Sections 2 and 11.
- 3. An order will give Fidelity adequate time to survey, permit, and build.

Attorneys & Advisors main 701.221.4020 fax 701.221.4040 www.fredlaw.com Fredrikson & Byron, P.A. 200 North Third Street, Suite 150 Bismarck, North Dakota 58501-3879 Mr. Mark Bohrer March 29, 2012 Page 2

Should you have any questions, please advise.

LAWRENCE BENDER

LB/leo

cc: Mr. Jim Kennedy Via Email

5097296\_1.DOC

#### Kadrmas, Bethany R.

From: Gibson, Melissa <MGibson@fredlaw.com>

**Sent:** Monday, March 05, 2012 3:21 PM

**To:** Kadrmas, Bethany R.

Cc: Hicks, Bruce E.; Kennedy, Jim; Entzi-Odden, Lyn

**Subject:** Fidelity Case No. 17009

**Attachments:** FIDELITY 17009\_20120305151320.pdf

#### Bethany,

Please disregard my previous email and attachments regarding the above matter and replace them with the attached letter and telephonic affidavits.

Thank you.

Melissa P. Gibson Legal Assistant Fredrikson & Byron, P.A. 200 North 3rd Street, Suite 150 Bismarck, ND 58501 mgibson@fredlaw.com

Ph: (701) 221-4020 Fx: (701) 221-4040

<sup>\*\*</sup>This is a transmission from the law firm of Fredrikson & Byron, P.A. and may contain information which is privileged, confidential, and protected by the attorney-client or attorney work product privileges. If you are not the addressee, note that any disclosure, copying, distribution, or use of the contents of this message is prohibited. If you have received this transmission in error, please destroy it and notify us immediately at our telephone number (701) 221-4020. The name and biographical data provided above are for informational purposes only and are not intended to be a signature or other indication of an intent by the sender to authenticate the contents of this electronic message.\*\*



#### March 5, 2012

## **VIA EMAIL**

Mr. Bruce Hicks **Assistant Director** North Dakota Industrial Commission Oil and Gas Division 600 East Boulevard Bismarck, North Dakota 58505-0310

> RE: NDIC CASE NO. 17009 FIDELITY EXPLORATION & PRODUCTION COMPANY

Dear Mr. Hicks:

Please find enclosed herewith for filing the original TELEPHONIC COMMUNICATION AFFIDAVITS for the captioned matter.

Should you have any questions, please advise.

LB/mpg **Enclosures** 

Mr. Jim Kennedy - (via email w/ enc.) cc:

5082256\_1.DOC

Attorneys & Advisors main 701.221.4020 fax 701.221.4040 www.fredlaw.com

Fredrikson & Byron, P.A. 200 North Third Street, Suite 150 Bismarck, North Dakota 58501-3879

#### OF THE STATE OF NORTH DAKOTA

**CASE No. 17009** 

Application of Fidelity Exploration & Production Co. for an order extending the field boundaries and amending the field rules for the Dutch Henry Butte-Bakken Pool to create and establish two 1280-acre spacing units comprised of Section 2 and 11, T.140N., R.97W., and Sections 6 and 7, T.140N., R.96W., Stark County, ND, authorizing the drilling of one horizontal well on each spacing unit and such other relief as is appropriate.

## **TELEPHONIC COMMUNICATION AFFIDAVIT**

Alexander Claypool being first duly sworn deposes and states as follows: That on February 29, 2012, I testified under oath before the North Dakota Industrial Commission in Case No. 17009. My testimony was presented by telephone from (720) 931-6457, at the offices of and on behalf of Fidelity Exploration & Production Company, 1700 Lincoln, Suite 2800, Denver, Colorado 80202.

ALEXANDER CLAYPOOL

STATE OF COLORADO	)
City and	) ss.
COUNTY OF DENVER	)

On February 21, 201, Alexander Claypool of Fidelity Exploration & Production Company known to me to be the person described in and who executed the foregoing instrument, personally appeared before me and acknowledged that he executed the same as a free act and deed.

NOTARY PUBLIC OF COLOR

My Commission Expires 11-4-2012

Notary Public 5079811 1.DOC

#### OF THE STATE OF NORTH DAKOTA

**CASE No. 17009** 

Application of Fidelity Exploration & Production Co. for an order extending the field boundaries and amending the field rules for the Dutch Henry Butte-Bakken Pool to create and establish two 1280-acre spacing units comprised of Section 2 and 11, T.140N., R.97W., and Sections 6 and 7, T.140N., R.96W., Stark County, ND, authorizing the drilling of one horizontal well on each spacing unit and such other relief as is appropriate.

#### TELEPHONIC COMMUNICATION AFFIDAVIT

James Kennedy being first duly sworn deposes and states as follows: That on February 29, 2012, I testified under oath before the North Dakota Industrial Commission in Case No. 17009. My testimony was presented by telephone from (720) 931-6457, at the offices of and on behalf of Fidelity Exploration & Production Company, 1700 Lincoln, Suite 2800, Denver, Colorado 80202.

JAMES KENNEDY

STATE OF COLORADO	)
City and	) ss.
COUNTY OF DENVER	)

On February 29, 2012, James Kennedy of Fidelity Exploration & Production Company known to me to be the person described in and who executed the foregoing instrument, personally appeared before me and acknowledged that he executed the same as a free act and deed.

5079806 1.DOC

NOTARY

PUBLIC

OF COLOR

My Commission Expires 11-4-2012

#### OF THE STATE OF NORTH DAKOTA

**CASE No. 17009** 

Application of Fidelity Exploration & Production Co. for an order extending the field boundaries and amending the field rules for the Dutch Henry Butte-Bakken Pool to create and establish two 1280-acre spacing units comprised of Section 2 and 11, T.140N., R.97W., and Sections 6 and 7, T.140N., R.96W., Stark County, ND, authorizing the drilling of one horizontal well on each spacing unit and such other relief as is appropriate.

### **TELEPHONIC COMMUNICATION AFFIDAVIT**

David Greene being first duly sworn deposes and states as follows: That on February 29, 2012, I testified under oath before the North Dakota Industrial Commission in Case No. 17009. My testimony was presented by telephone from (720) 931-6457, at the offices of and on behalf of Fidelity Exploration & Production Company, 1700 Lincoln, Suite 2800, Denver, Colorado 80202.

David Greene

STATE OF COLORADO	)
City and	) ss.
COUNTY OF DENVER	)

On February 29, 2011, David Greene of Fidelity Exploration & Production Company known to me to be the person described in and who executed the foregoing instrument, personally appeared before me and acknowledged that he executed the same as a free act and deed.

5079822 1.DOC

OF COLOR

My Commission Expires 11-4-2012



#### **CASE NO. 17009**

Application of Fidelity Exploration & Production Company for an order extending the field boundaries and amending the field rules for the Dutch Henry Butte-Bakken Pool to create and establish two 1280-acre spacing units comprised of Section 2 and 11, T.140N., R.97W., and Sections 6 and 7, T.140N., R.96W., Stark County, ND, authorizing the drilling of one horizontal well on each spacing unit and such other relief as is appropriate.

BEFORE THE
OIL & GAS DIVISION
of the
INDUSTRIAL COMMISSION
of the
STATE OF NORTH DAKOTA

February 29, 2012



# TABLE OF CONTENTS CASE NO. 17009

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Exhibit 2:	Index Map
Exhibit 3:	Leasehold and Landmap, T140N, R97W, Sections 2 and 11
Exhibit 3-1:	Leasehold and Landmap, T140N, R96W, Sections 6 and 7
Exhibit 4:	Working Interest Schedules
Exhibit 5:	Geological Structure Map
Exhibit 6:	Type Section
Exhibit 7:	Preliminary Well Construction Diagram, T140N, R97W, Sections 2 and 11
Exhibit 7-1:	Preliminary Well Construction Diagram, T140N, R96W, Sections 6 and 7
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Exhibit 9-1:	Recovery and Economics, Short Lateral
Exhibit 9-2:	Recovery and Economics, Infill Long Lateral

# **Locator Map**

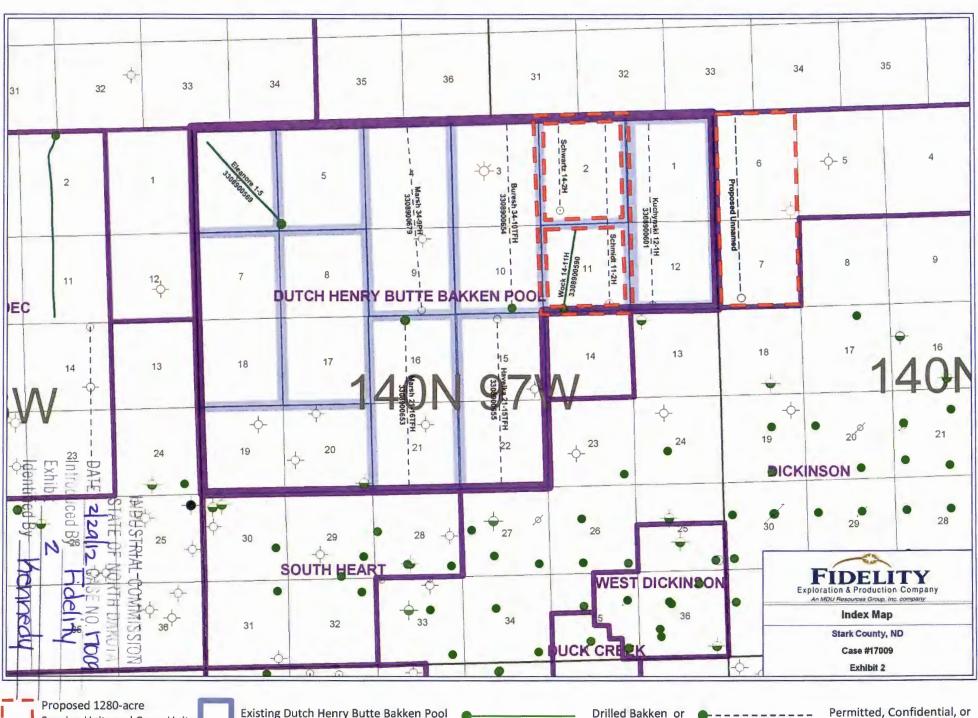
# **Location of the Proposed Drilling Spacing Units**





INDUSTRIAL COMMISSION	
STATE OF NORTH DAKOTA	
STATE OF NORTH DAKOTA  DATE z29 12 CASE NO. 17009  Introduced By Fidelity	
Introduced By Fidelity	
Exhibit	
Identified By Kennedy	

Case No. 17009 Exhibit 1 February 29, 2012



Proposed 1280-acre
Spacing Units and Cross-Unit
Spacing Units

Existing Dutch Henry Butte Bakken Pool Spacing Units Drilled Bakken or Three Forks well Permitted, Confidential, or Proposed Bakken or Three Forks well

# Leasehold and Land Map T140N R97W, Sections 2 & 11: All, 1,416.84 Acres Stark County, ND

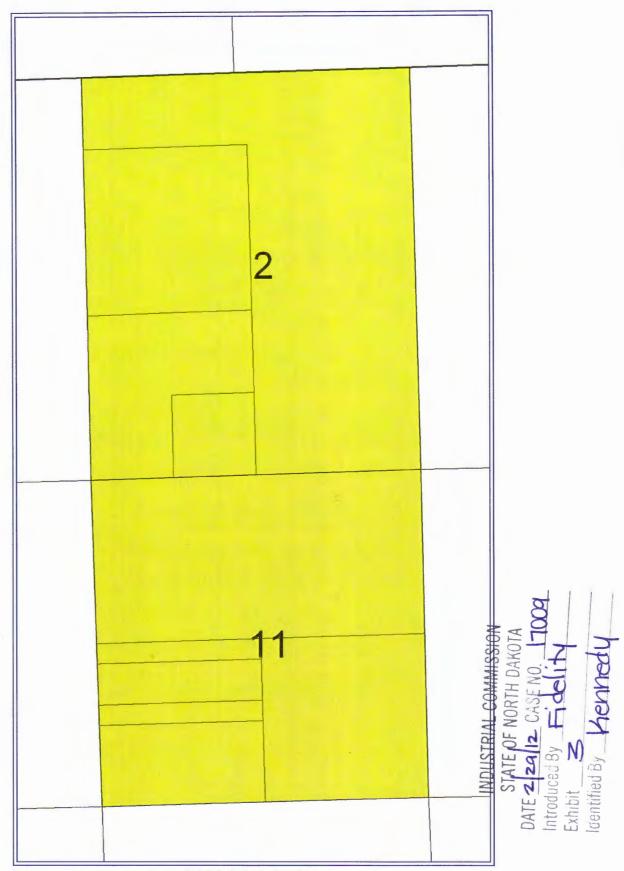


Exhibit 3, Case 17009 Page 1 of 1

# Leasehold and Land Map T140N R96W, Sections 6 & 7: All, 1,360.79 Acres Stark County, ND

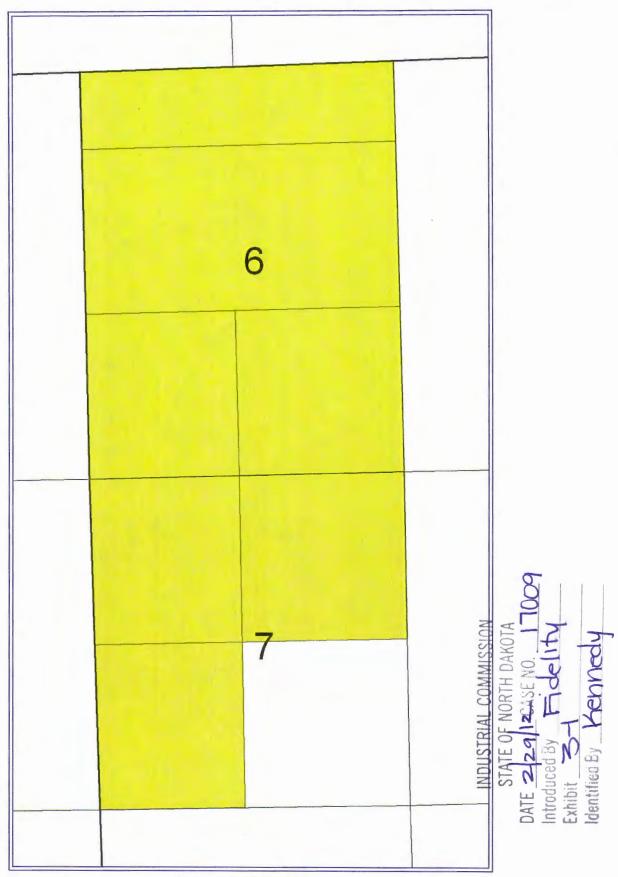


Exhibit 3-1, Case 17009 Page 1 of 1

# NDIC Case 17009, Exhibit 4 Working Interest Ownership Schedules: T140N, R97W, Sections 2 and 11: All, and T140N, R96W, Sections 6 and 7: All, Stark County, North Dakota

T140N, R97W, Sections 2 and 11: All, 1,416.84 Acres

**Working Interest Owners** 

Fidelity Exploration & Production Company - 52.3682%
Colorado Energy Minerals, Inc. - 24.1827%
Whiting Oil and Gas Corporation - 14.6855%
Hess Corporation - 2.8232%
Slawson Exploration Company, Inc. - 2.0586%
Frank J. Bavendick - 1.4116%
Northern Oil and Gas, Inc. - 1.4116%
Carolyn C. Gilmore Oil Trust - 0.4705%
Armstrong Minerals - 0.1176%
Fredrick H. Gilmore - 0.2353%
Almyra M. Duval - 0.1176%
Grace Petroleum Corporation - 0.1176%

Total - 100.000%

T140N, R97W, Section 2: All, 776.84 Acres

**Working Interest Owners** 

Fidelity Exploration & Production Company - 40.6956% Colorado Energy Minerals, Inc.- 44.1056% Whiting Oil and Gas Corporation 10.0497% Hess Corporation - 5.1491%

Total - 100.000%

T140N, R97W, Section 11: All, 640.00 Acres

Working Interest Owners

Fidelity Exploration & Production Company - 66.5365%
Whiting Oil and Gas Corporation - 20.3125%
Slawson Exploration Company, Inc. - 4.5573%
Frank J. Bavendick - 3.1250%
Northern Oil and Gas, Inc. - 3.1250%
Carolyn C. Gilmore Oil Trust - 1.0417%
Fredrick H. Gilmore - 0.5208%
Armstrong Minerals - 0.2604%
Almyra M. Duval - 0.2604%
Grace Petroleum Corporation - 0.2604%

Total - 100.00%

T140N, R96W, Sections 6 and 7: All 1,360.79 Acres

**Working Interest Owners** 

Fidelity Exploration & Production Company – 88.2419%
Whiting Oil and Gas Corporation – 5.1441%
Southbridge Production Co., LLC – 2.7558%
Chesapeake Exploration, LLC – 1.4697%
Loretta Volesky Estate – 0.7349%
H. Huffman & Co., A Limited Partnership – 0.5512%
Inland Oil & Gas Corporation – 0.5512%
Conoco, Inc. – 0.5512%

Total - 100.000%

INDUSTRIAL COMMISSION
STATE OF NORTH DAM
DATE 2/29/12 CASE NO. 17009
Introduced By Faelity
Exhibit 4
Identified By Kennedy

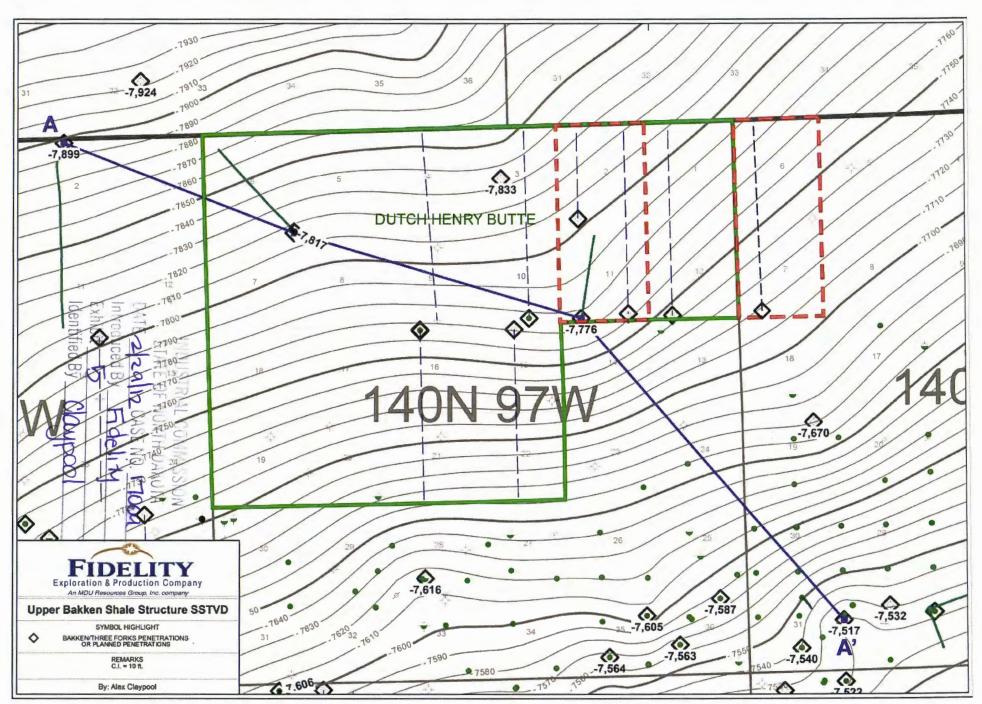
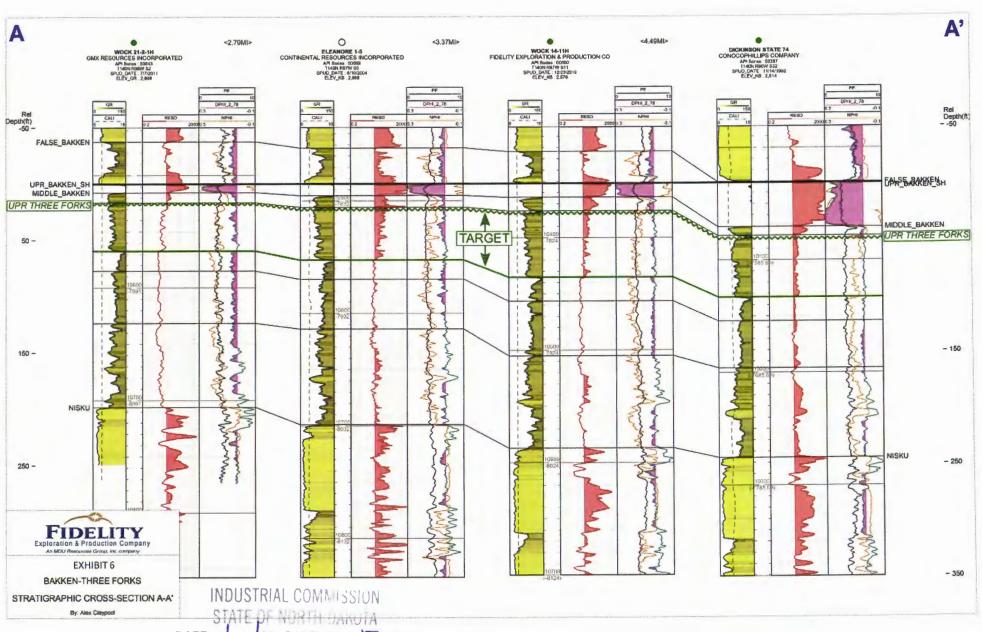


Exhibit 5 Case 17009 Page 1 of 1

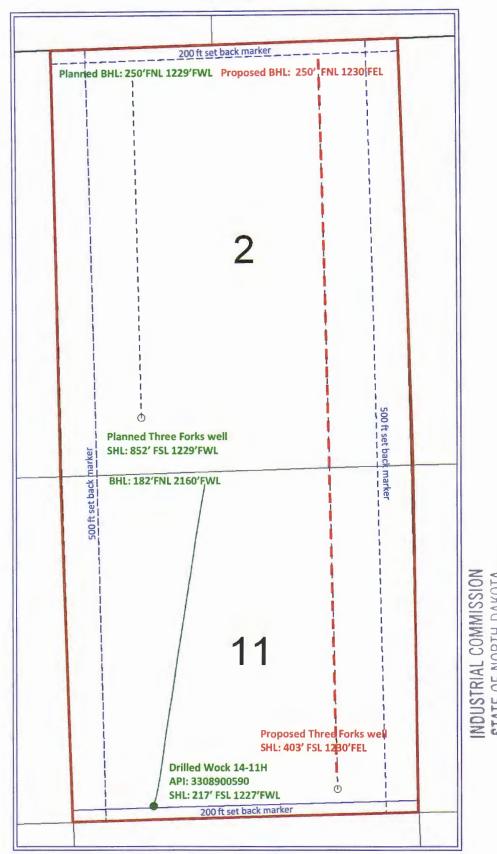
# **Type Section**



Introduced By Fide II Page 1 of 1

Exhibit V Page 1 of 1

# Preliminary Well Construction Diagram T140N R97W, Section 2 and 11 All, 1,416.84 Acres Stark County, ND



# Preliminary Well Construction Diagram T140N R96W, Section 6 and 7 All, 1,360.79 Acres Stark County, ND

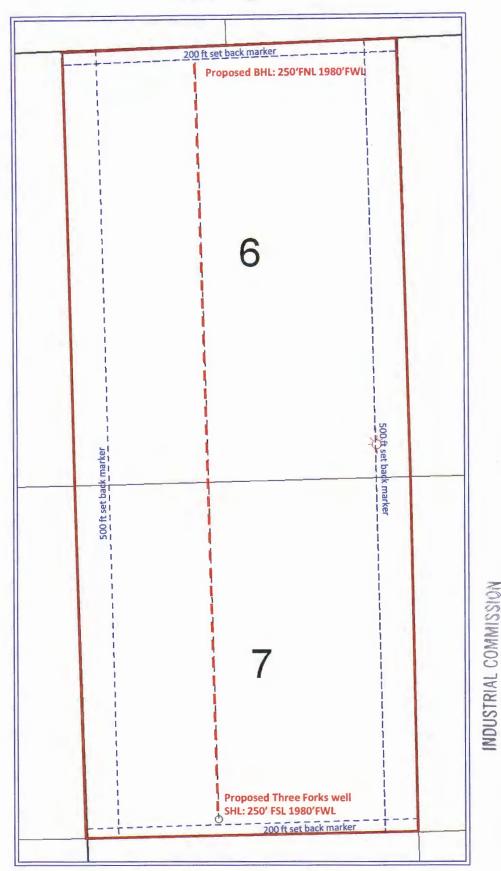


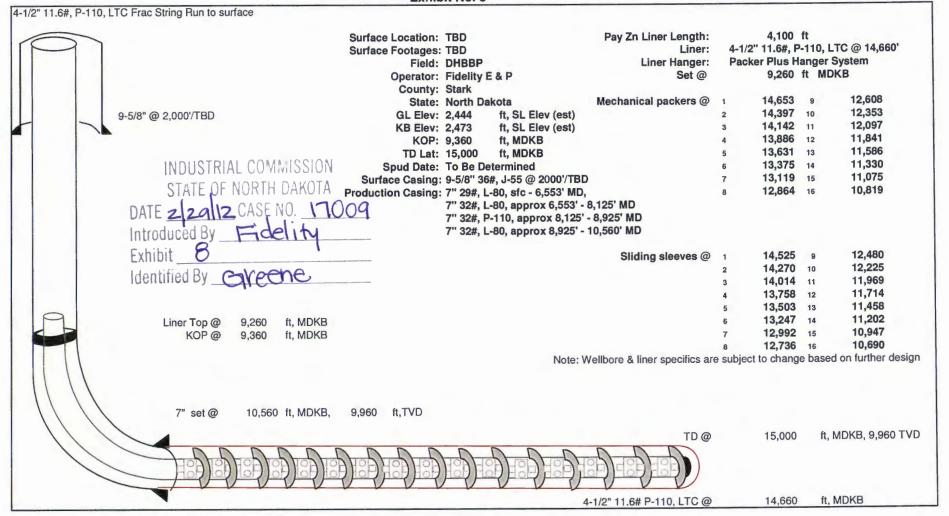
Exhibit 7-1, Case 17009 Page 1 of 1



Case No. 17009

#### Well Bore Schematic Short Lateral

#### Exhibit No. 8

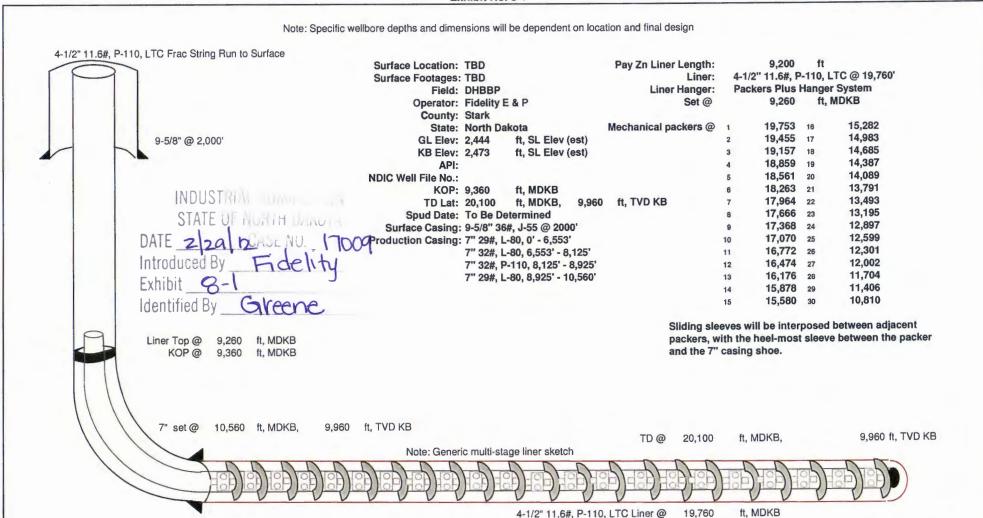




Case No. 17009

## Well Bore Schematic Long Lateral

Exhibit No. 8-1



# Exhibit No. 9, Long Lateral

#### **RECOVERY & ECONOMICS**

Upper Three Forks Reservoir, Bakken Petroleum System, Dutch Henry Butte Bakken Pool Sections 2 & 11, T 140 N, R 97 W; 6 & 7, T 140 N, R 96 W; 2 & 11, T 139 N, R 97 W

Stark County, North Dakota Case No. 17009

Original Oil In Place

**Economic Assumptions & Results** 

Formation	Upper Three Forks	Completed Well Cost	\$8,063,800
Formation Age	Devonian	Initial Rate, BOPD	500
Well Spacing, acres	1,280	EUR, MSTBO	305
Thickness, feet	35	EUR, MMSCF	208
Porosity, %	3.5	Oil Recovery Factor, % OOIP	4.3
Water Saturation, %	15	Wellhead Oil Price, \$/STBO	82.00
Formation Volume Factor, rsvr BBI/STB	1.45	Wellhead Gas Price, \$/MSCF	3.10
Oil Gravity, degrees API	42	Net Revenue (8/8ths)	\$20,894,119
Gas Specific Gravity, decimal	1.03	Operating Expense	\$3,176,560
Initial Gas:Oil Ratio, SCF/STB	850	Production Tax	\$2,374,802
OOIP, MSTB	7,131	Undiscounted Cash Flow	\$7,353,958
STBO/acre-ft	159	Internal Rate of Return, BFIT %	25
·		Return on Investment	1.9

INDUSTRIAL COMMISSION
STATE OF NORTH DAKOTA

DATE 2/29/12\_CASE NO. 1/1009
Introduced By Fidelity
Exhibit 9

# Exhibit No. 9-1, Short Lateral

# **RECOVERY & ECONOMICS**

# Upper Three Forks Reservoir, Bakken Petroleum System, Dutch Henry Butte Bakken Pool Section 2, T 139 N, R 97 W Stark County, North Dakota Case No. 17009

Original Oil In Place

**Economic Assumptions & Results** 

Formation	Upper Three Forks	Completed Well Cost	\$6,700,000
Formation Age	Devonian	Initial Rate, BOPD	333
Well Spacing, acres	320 EUR, MSTBO		222
Thickness, feet	35	EUR, MMSCF	154
Porosity, %	3.5	Oil Recovery Factor, % OOIP	12.5
Water Saturation, %	15	Wellhead Oil Price, \$/STBO	82.00
Formation Volume Factor, rsvr BBI/STB	1.45	Wellhead Gas Price, \$/MSCF	3.10
Oil Gravity, degrees API	42	Net Revenue (8/8ths)	\$15,192,886
Gas Specific Gravity, decimal	1.03	Operating Expense	\$2,818,235
Initial Gas:Oil Ratio, SCF/STB	850	Production Tax	\$1,726,239
OOIP, MSTB	1,783	Undiscounted Cash Flow	\$4,023,414
STBO/acre-ft	159	Internal Rate of Return, BFIT %	16
		Return on Investment	1.6

INDUSTRIAL COMMISSION
STATE, OF NORTH DAKOTA

DATE 22012 CASE NO. 17009
Introduced By Fidelity
Exhibit 9-1
Identified By Greene

# Exhibit No. 9-2, Infill Long Lateral

#### **RECOVERY & ECONOMICS**

# Upper Three Forks Reservoir, Bakken Petroleum System, Dutch Henry Butte Bakken Pool Sections 2 & 11, T 139 N, R 97 W

Stark County, North Dakota

Case No. 17009

Original Oil In Place		Economic Assumptions & Results		
Formation	Upper Three Forks	Completed Well Cost	\$8,063,800	
Formation Age	Devonian	Initial Rate, BOPD	500	
Well Spacing, acres	640	EUR, MSTBO	305	
Thickness, feet	35	EUR, MMSCF	208	
Porosity, %	3.5	Oil Recovery Factor, % OOIP	8.6	
Water Saturation, %	15	Wellhead Oil Price, \$/STBO	82.00	
Formation Volume Factor, rsvr BBI/STB	1.45	Wellhead Gas Price, \$/MSCF	3.10	
Oil Gravity, degrees API	42	Net Revenue (8/8ths)	\$20,894,119	
Gas Specific Gravity, decimal	1.03	Operating Expense	\$3,176,560	
Initial Gas:Oil Ratio, SCF/STB	850	Production Tax	\$2,374,802	
OOIP, MSTB	3,565	Undiscounted Cash Flow	\$7,353,958	
STBO/acre-ft	159	Internal Rate of Return, BFIT %	25	
		Return on Investment	1.9	

INDUSTRIAL COMMISSION
STATE OF NORTH DAKOTA

DATE ZZAIZCASE NO. 17009
Introduced By Fidelity
Exhibit 9-2
Identified By Careere

#### BEFORE THE INDUSTRIAL COMMISSION

#### OF THE STATE OF NORTH DAKOTA

Case No. 17009

Application of Fidelity Exploration & Production Company for an order extending the field boundaries and amending the field rules for the Dutch Henry Butte-Bakken Pool so as to create and establish two 1280-acre spacing units comprised of Section 2 and 11, Township 140 North, Range 97 West, and Sections 6 and 7, Township 140 North, Range 96 West, Stark County, North Dakota, authorizing the drilling of one horizontal well on each spacing unit and/or such other and further relief as appropriate.



# **APPLICATION OF FIDELITY EXPLORATION & PRODUCTION COMPANY**

Fidelity Exploration & Production Company ("Fidelity"), for its application to the North Dakota Industrial Commission ("Commission"), respectfully states as follows:

1.

That Fidelity is the owner of an interest in the oil and gas leasehold estate in Section 2 and 11, Township 140 North, Range 97 West, and Sections 6 and 7, Township 140 North, Range 96 West, Stark County, North Dakota ("the Subject Lands").

2.

That the Subject Lands are near the area defined by the Commission as the field boundaries for the Dutch Henry Butte-Bakken Pool.

3.

That Fidelity desires to utilize the horizontal drilling technique to further develop the Dutch Henry Butte-Bakken Pool underlying the Subject Lands.

4.

That Fidelity has drilled a well on the 640-acre spacing unit comprised of Section 11, Township 140 North, Range 97 West.

5.

That Fidelity desires to drill a well on a 640-acre spacing unit comprised of Section 2, Township 140 North, Range 97 West.

6.

That Fidelity desires to drill a well on each 1280-acre spacing comprised of Sections 2 and 11, Township 140 North, Range 97 West and Sections 6 and 7, Township 140 North, Range 96 West.

7.

That it is the opinion of Fidelity that use of the horizontal drilling technique to further develop the Dutch Henry Butte-Bakken Pool underlying the Subject Lands will increase the ultimate recovery of the reservoir.

8.

That pursuant to Section 38-08-07 of the North Dakota Century Code, the Commission is empowered to divide any pool into separate zones and to modify its previous spacing order when necessary to prevent waste, avoid the drilling of unnecessary wells or to protect correlative rights.

9.

That in order to prevent waste, to avoid the drilling of unnecessary wells and to protect correlative rights, the field boundaries for the Dutch Henry Butte-Bakken Pool should be extended and two 1280-acre spacing units should be created and established for the Dutch Henry

Butte-Bakken Pool for Section 2 and 11, Township 140 North, Range 97 West, and Sections 6 and 7, Township 140 North, Range 96 West, authorizing the drilling of one horizontal well on each spacing unit.

10.

That Fidelity, therefore, requests that the Commission extend the field boundaries and amend the field rules for the Dutch Henry Butte-Bakken Pool so as to create and establish two 1280-acre spacing units comprised of all of Section 2 and 11, Township 140 North, Range 97 West, and Sections 6 and 7, Township 140 North, Range 96 West, Stark County, North Dakota, and authorizing the drilling of one horizontal well on each spacing unit and/or such other and further relief as the Commission deems appropriate.

### **WHEREFORE**, Fidelity requests the following:

- (a) That this matter be set for the regularly scheduled February 2012 hearings of the Commission;
- (b) That the Commission issue its order granting the relief requested and such other and further relief as the Commission may deem appropriate; and
- (c) That pursuant to Section 43-02-03-88.2 of the North Dakota Administrative Code, Fidelity's witnesses in this matter be allowed to participate by telephonic means.

**DATED** this day of January, 2012.

Fredrikson & Byen, P.A.

By

LAWRENCE BENDER, ND Bar #03908
Attorneys for Applicant,
Fidelity Exploration & Production
Company
200 North 3<sup>rd</sup> Street, Suite 150
P. O. Box 1855
Bismarck, ND 58502-1855
(701) 221-4020

STATE OF NORTH DAKOTA )
) ss.
COUNTY OF BURLEIGH )

**LAWRENCE BENDER,** being first duly sworn on oath, deposes and says that he is the attorney for the applicant named herein, that he has read the foregoing application, knows the contents thereof, and that the same is true to the best of this affaint's knowledge, and belief.

LAWRENCE JENDER

Subscribed and sworn to before me this

day of January, 2012.

Notary Public

My Commission Expires:



January 20, 2011



Mr. Bruce Hicks Assistant Director North Dakota Industrial Commission Oil and Gas Division 600 East Boulevard Bismarck, North Dakota 58505-0310

RE: APPLICATION OF FIDELITY

**EXPLORATION &** 

PRODUCTION COMPANY FOR FEBRUARY 2012 HEARINGS

Dear Mr. Hicks:

Please find enclosed herewith for filing an APPLICATION OF FIDELITY EXPLORATION & PRODUCTION COMPANY.

As you will note, pursuant to N.D. Admin. Code § 43-02-03-88.2, Fidelity requests that its witnesses be allowed to participate at the hearing by telephonic means.

Should you have any questions, please ad



LB/leo

Enclosure

cc: Ms. Karlene Fine - (w/enc.)

Mr. Lynn Helms - (w/enc.)

Ms. Hope Hogan - (w/enc.)

Mr. Jim Kennedy - (w/enc.)

Attorneys & Advisors main 701.221.4020 fax 701.221.4040 www.fredlaw.com Fredrikson & Byron, P.A. 200 North Third Street, Suite 150 Bismarck, North Dakota 58501-3879



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State of North Dakota ) SS Count of Burleigh Sefore me a slotary Public for the State of North Dakota personelly appeared (Lew who being duly sworn, deposes and says their no ratio) is the Clerk of Bigmarck Tribune Co.,

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#### NOTICE OF HEARING N.D. INDUSTRIAL COMMISSION OIL AND GAS DIVISION

The North Dakota Industrial Commission will hold a public hearing at 9:00 a.m. Wednesday, February 29, 2012, at the N.D. Oil & Gas Division, 1016 East Calgary Ave., Bismarck, N. D. At the hearing the Commission will receive testimony and exhibits. Persons with any interest in the cases listed below, take notice.

PERSONS WITH DISABILITIES: If at the hearing you need special facilities or assistance, contact the Oil and Gas Division at 701-328-8038 by Thursday, February 16, 2012.

STATE OF NORTH DAKOTA TO:

Case No. 16999 Temporary spacing to develop an oil and/or gas pool discovered by the Slawson Exploration Co., Inc. #1-25-36H Taboo, NENW Section 25, T.147N., R. 100W., McKenzie County, ND, define the field limits, and enact such special field rules

as may be necessary.

Case No. 17000: Application of Brigham
Oil & Gas, L.P. for an order to establish temporary spacing for the development of an oil and/or gas pool discovered by the Margaret #5-8 IH well, Lot 4, Section 5, T.150N., R.100W., McKenzie County, ND. define the field limits, enact such special field rules as may be necessary and such

need rules as may be necessary and such other relief as is appropriate.

Case No. 17001: Temporary spacing to develop an oil and/or gas pool discovered by the G3 Operating, LLC #1-28-33H Doris, NENW Section 28, T.158N., R.102W., Williams County, ND, define the field like and operating study began field rules. field limits, and enact such special field rules

as may be necessary.

Case No. 17002: Temporary spacing to develop an oil and/or gas pool discovered by the Continental Resources, Inc. #1-4H Running, Lot 3, Section 4, T.161N., R.94W., Burke County, ND, define the field limits, and section to the county of the county and enact such special field rules as may be

Case No. 17003: Application of Continental Resources, Inc. for an order amending the field rules for the Chimney Butte and Murphy Creek-Bakken Pools to create two 2560-acre spacing units comprised of Sections 28 and 33, T.146N., R.95W. and Sections 4 and 9, T.145N., R.95W.; and Sections 29 and 32, T.146N., R.95W. and Sections 5 and 8, T.145N., R.95W., Dunn County, ND, authorizing the drilling of multiple wells from said well pad within each 2560-acre spacing unit; eliminating any tool error requirements and such other relief as is appropriate.

Case No. 17004: Application of Continental

Resources, Inc. for an order amending the field rules for the Chimney Butte-Bakken Pool to create a 2560-acre spacing unit comprised of Sections 5, 8, 17 and 20, T.146N., R.95W., Dunn County, ND, authorizing the drilling of multiple wells from said well pad within said 2560-acre spacing unit; eliminating any tool error requirements and such other relief as is

appropriate.

Case No. 17005: Application of Continental Resources, Inc. for an order amending the field rules for the Rattlesnake Point and Jim Creek-Bakken Pools to create a 2560-acre spacing unit comprised of Sections 8, 17, 20 and 29, T.146N., R.96W., Dunn County, ND, authorizing the drilling of multiple wells from said well pad within said 2560-acre spacing unit; eliminating any tool error requirements and such other relief as is

Case No. 17006: Application of Continental Resources, Inc. for an order amending the field rules for the Cedar Coulee and Rattlesnake Point-Bakken Pools to create a Rattieshake Folit-Barkeit Posts of Create a 2560-acre spacing unit comprised of Sections 21, 28 and 33, T.147N., R.96W. and Section 4, T.146N., R.96W., Dunn County, ND, authorizing the drilling of multiple wells from said well pad within said 2560-acre spacing unit; eliminating any tool error requirements and such other relief as is appropriate.

Case No. 17007: Application of Continental Resources, Inc. for an order amending the field rules for the Corral Creek and Jim Creek-Bakken Pools to create a 2560-acre spacing unit comprised of Sections 24, 25 and 36, T.147N., R.96W. and Section I, T.146N., R.96W., Dunn County, ND, authorizing the drilling of multiple wells from said well pad within said 2560-acre spacing unit; eliminating any tool error requirements and such other relief as is appropriate.

Case No. 15949: (Continued) Application of Continental Resources, Inc. for an order extending the field boundaries and amending the field rules for the Juno, Upland, and/or Wildrose-Bakken Pools to create and establish seven 1280-acre spacing units comprised of Sections 25 and 36: Sections 26 and 35; Sections 27 and 34, T.161N., R.97W.; Sections 3 and 10; Sections 4 and 5; Sections 5 and 8; and Sections 6 and 7, T.161N., R.96W., Divide County, ND, authorizing the drilling of one horizontal well on each spacing unit and such other

relief as is appropriate.

Case No. 17008: Application of Newfield Production Co. for an order extending the field boundaries and amending the field rules for the Banks-Bakken Pool to create and establish a [280-acre spacing unit comprised of Sections 16 and 21, T.153N., R.97W., McKenzie County, ND, authorizing the drilling of a total of not more than seven wells on said 1280-acre spacing unit, eliminating any tool error requirements and such other relief as is appropriate.

Case No. 15754: (Continued) Application of Newheld Production Co. for an order extending the field boundaries and amending the field rules for the Cartwright-Bakken Pool, or in the alternative to establish Bakken spacing in the Hay Creek, Estes, and/or Yellowstone Fields, to create and establish ten 1280-acre spacing units comprised of Sections 14 and 23; Sections 15 and 22; Sections 16 and 21; Sections 17 and 20; Sections 18 and 19; Sections 26 and 35; Sections 27 and 34; Sections 28 and 33; Sections 29 and 32; and Sections 30 and 31, T.150N., R.104W., McKenzie County, ND, authorizing the drilling of one horizontal well on each spacing unit and such other relief as is appropriate.

Case No. 17009: Application of Fidelity

Exploration & Production Co. for an order extending the field boundaries and amending the field rules for the Dutch amending the held rules for the Dutch Henry Butte-Bakken Pool to create and establish two 1280-acre spacing units comprised of Section 2 and 11, T.140N., R.97W., and Sections 6 and 7, T.140N., R.96W., Stark County, ND, authorizing the drilling of one horizontal well on each the drilling of one horizontal well on each spacing unit and such other relief as is

appropriate.

Case No. 17010: Application of Fidelity
Exploration & Production Co. for an order
creating field rules for the DickinsonBakken Pool to create and establish two 1280-acre spacing units comprised of Sections 13 and 24 and Sections 14 and 23, T.140N., R.97W., Stark County, ND, authorizing the drilling of a horizontal well

on each spacing unit and such other relief as

is appropriate.

Case No. 17011: Application of WPX
Energy Williston, LLC for an order
amending the field rules for the MandareeBakken Pool to create and establish two 320-acre spacing units comprised of the W/2 and E/2 of Section 24,T.149N., R.94W., McKenzie County, ND, authorizing the

McKenzie County, ND, authorizing the drilling of a total of not more than two wells on each 320-acre spacing unit, eliminating any tool error requirements and such other relief as is appropriate.

Case No. 16765: (Continued) Application of Dakota-3 E&P Co, LLC for an order extending the field boundaries and amending the field rules for the Van Hook or Deep Water Creek Bay-Bakken Pools to create and establish a 3840-acre spacing create and establish a 3840-acre spacing unit comprised of Sections 4, 5, 6, 7, 8 and 9, T.150N., R.91W., McLean County, ND, authorizing the drilling of a total of not more than 22 wells on said 3840-acre spacing unit, eliminating any tool error requirements and such other relief as is appropriate.

Case No. 17012: Application of Encore Energy Partners Operating, LLC for an order amending the field rules for the Horse Creek-Red River Pool to create and establish two 640-acre spacing units comprised of the E/2 of Section II and the W/2 of Section 12, T.129N., R.105W., and the S/2 of Section 19 and the N/2 of Section 30,T.129N., R.104W., Bowman County, ND, authorizing the drilling of one horizontal well on each 640-acre spacing unit not less than 500 feet to the spacing unit boundary

and such other relief as is appropriate.

Case No. 17013: Application of Enerplus
Resources (U.S.A.) Inc. for an order
extending the field boundaries and amending the field rules for the Antelope-Sanish Pool to create and establish a 640acre spacing unit comprised of Section 19, T.152N., R.94W., McKenzie County, ND, authorizing the drilling of a total of not more than four wells on said 640-acre spacing unit, eliminating any tool error requirements and such other relief as is

appropriate.

ase No. 17014: Application of Corinthian Case No. 17014: Application of Corinthian Exploration (USA) Corp. for an order amending the field rules for the North Souris-Spearfish Pool to create and establish the following 160-acre spacing units comprised of the SE/4 of Section 35, T.164N., R.77W.; the SE/4 of Section 2; and the NE/4 of Section 2, T.163N., R.77W., Bottineau County, ND, authorizing the drilling of a total of not more than six wells. drilling of a total of not more than six wells on each spacing unit, eliminating any tool error requirements and such other relief as is appropriate.

ts appropriate.

Case No. 17015-Application of Legacy Oil &
Gas ND, Inc. for an order extending the field boundaries and amending the rules for the North Souris Spearfish Poel,

Bottineau County, ND, to create and establish the following 320 spacing units: SZ and N/Z of Section 4; S/2 and N/Z of Section 5; S/2 and N/Z of Section 6; S/2 and N/Z of Section 7; S/2 and N/Z of Section 8; S/2 and N/2 of Section 9; S/2 and N/2 of Section 16; S/2 and N/2 of Section 17; S/2 and N/2 of Section 18; S/2 and N/2 of Section 19; S/2 and N/2 of Section 20; and S/2 and N/2 of Section 21, T.163N., R.76W.; S/2 and N/2 of Section 1; S/2 and N/2 of Section 11; S/2 and N/2 of Section 12; S/2 and N/2 of Section 13; and S/2 and N/2 of Section 13; and S/2 and N/2 of Section 14, T.163N. R.77W., S/2 and N/2 of Section 31; S/2 and N/2 of Section 32; and S/2 and N/2 of Section 33, T.164N., R.76W., and S/2 and N/2 of Section 36, T.164N., R.77W. authorizing the drilling of a total of not more than four wells on said 320-acre spacing units; and to create and establish the following approximate 180-acre spacing units: Lots 1, 2, 3 and 4 of Section 28; Lots 1, 2, 3 and 4 of Section 29; Lots 1, 2, 3 and 4 of Section 30, T.164N., R.76W., authorizing the drilling of a total of not more than two wells on said 180-acre spacing units, eliminating any tool error requirements and such other relief as is appropriate.

Case No. 17016: Application of Samson Resources Co. for an order amending the field rules for the Ambrose-Bakken Pool, Divide County, ND, to create and establish a 1280-acre spacing unit comprised of Sections 15 and 22, T.163N., R.99W., authorizing the drilling of a total of not more than seven wells on said 1280-acre spacing unit, eliminating any tool error requirements and such other relief as is

appropriate.

Case No. 16777: (Continued) Application of Missouri River Royalty Corp. for an order authorizing the recompletion of the Henry Torstenson #1 well (NDIC Well File No. 7631) to the Duperow Formation at a location approximately 550 feet from the north line and 660 feet from the east line of Section 33, T.151N., R.99W., McKenzie Courpy ND as an exception and such other County, ND, as an exception and such other

relief as is appropriate.

Case No. 16425: (Continued) Application of Zavanna, LLC for an order to establish temporary spacing for the development of an oil and/or gas pool discovered by the Koufax #3-10 IH well, located in Lot 3 of Section 3, T.149N., R.102W., McKenzie County, ND, define the field limits, enact such special field rules as may be necessary and such further and additional relief.

Case No. 15747: (Continued) Application of Credo Petroleum Corp. for an order suspending, and after hearing, revoking the permit issued to Helis Oil & Gas Co., L.L.C., to drill the Linseth #13-13/12H well (File No. 21217), with a surface location in Lot 4 of Section 13, T.149N., R.95W., McKenzie County, ND, and such other relief as is appropriate.

Case No. 15496: (Continued) Temporary spacing to develop an oil and/or gas pool discovered by the Renegade Petroleum (ND) Ltd. #6H 3-14 A Trout, Lot 3, Section 6, T.162N., R.84W., Renville County, ND, define the field limits, and enact such special field rules as may be necessary.

Case No. 16184; (Continued) Temporary Case No. 16184; (Continued) remporary spacing to develop an oil and/or gas pool discovered by the Crescent Point Energy U.S. Corp. #2-11-162N-102W CPEC Lancaster, NWNE Section 2, T.162N., R.102W, Divide County, ND, define the field limits, and enact such special field rules

as may be necessary.

Case No. 17017: On the application of Obbra K. Ganske for an order pursuant to NDCC § 38-08-11(2) against Golden Eye Resources, L.L.C. (Liberty) requiring Liberty exited that a liberty withdraw as invitation to existing the second. to withdraw an invitation to participate served upon Golden Eye and prohibiting Liberty from extending any invitations to participate under NDAC 43-02-03-16.3 in the Sylte #156-101-10-3-1H (File No. 22067) and Sylte #156-101-15-22-1H (File No. 22068) wells relative to Debra Ganske's mineral interests until Liberty secures a pooling order and the title dispute between Debra Ganske and Golden Eye is resolved in Williams County, ND Civil File No. 53-10-C-0536

Case No. 17018: Application of Newalta Environmental Services, Inc. for an order pursuant to NDAC § 43-02-03-51 authorizing the construction of a treating plant to be located in the NW/4 of the SE/4 of Section 19, T.154N., R.102W., Williams County, ND and such other relief as is

appropriate.

appropriate.

Case No. 17019: Application of Dakota Maxum Partners, LLP for a permit to operate water recycling plants in ND to process contaminated frac and production water for reuse as frac water or potable water for other uses, and such other relief

as is appropriate.

Case No. 17020: Application of Slawson Exploration Co., Inc. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 30 and 31, T.156N., R.90W., Ross-Bakken Pool, Mountrail County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate.

other relief as is appropriate.

Case No. 17021: Application of Slawson Exploration Co., Inc. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 15 and 22, T.147N., R.105W., MonDak-Bakken Pool, McKenzie County, ND as provided by NDCC § 38-08-08 and such other relief as it conservisions. such other relief as is appropriate.

Case No. 17022: Application of Slawson

Exploration Co., Inc. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as the W/2 of Section 20, T.151N., R.94W., Antelope-Sanish Pool, McKenzie County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 17023: Application of Slawson Exploration Co., Inc. for an order authorizing the drilling, completing and producing of a total of not more than five wells on a 640-acre spacing unit described as Section 17,T.156N., R.90W., Ross-Bakken Pool, Mountrail County, ND, eliminating any tool error requirements and such other

relief as is appropriate.
Case No. 17024; Application of Slawson
Exploration Co., Inc. for an order authorizing the drilling, completing and producing of a total of not more than seven wells on a 1280-acre spacing unit described as Sections 16 and 21, T.149N., R.100W., Ellsworth-Bakken Pool, McKenzie County, ND, eliminating any tool error requirements and such other relief as is

Case No. 16785: (Continued) Application of Slawson Exploration Co, Inc. for an order authorizing the drilling, completing and producing of a total of not more than seven wells on a 1280-acre spacing unit described as Sections 20 and 29,T.152N., R.92W., Big Bend-Bakken Pool, Mountrail County, ND, eliminating any tool error requirements and

such other relief as is appropriate.

Case No. 17025: Application of Samson Resources Co. for an order pursuant to NDAC § 43-02-03-88. I pooling all interests in a spacing unit described as Sections 2 and 11, T.158N., R.99W., Rainbow-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as

Resources Co. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 4 and 9, T.158N., R.99W., Rainbow-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as

is appropriate.

Case No. 17027: Application of Samson Resources Co. for an order authorizing the drilling, completing and producing of not more than a total of seven wells on each 1280-acre spacing unit described as Sections 1 and 12; Sections 2 and 11; Sections 3 and 10; Sections 4 and 9; Sections 5 and 8; Sections 13 and 24; and Sections 14

and 23,T.163N., R.99W.; Sections 6 and 7; Sections 18 and 19, T.163N., R.98W.; Sections I and I2,T.162N., R.99W.; Sections and 7; and Sections 18 and 19, T.162N., R.98W., Ambrose-Bakken Pool, Divide County, ND, eliminating any tool error requirements and such other relief as is appropriate.

Case No. 16840: (Continued) Application of Samson Resources Co for an order in accordance with NDAC § 43-02-03-88.1 authorizing the flaring of gas from the Nova #4-9-163-98H well located in the NWNE of Section 4, T.163N., R.98W., Divide County, ND, Candak-Bakken Pool, pursuant to the provisions of NDCC § 38-08-06.4 and such other relief as is appropriate

and such other relief as is appropriate.

Case No. 16841: (Continued) Application of Samson Resources Co for an order in accordance with NDAC § 43-02-03-88.1 authorizing the flaring of gas from the Woodpecker #27-34-163-95H well located in the SESW of Section 22.T.163N. R.95W. Divide County, ND, Forthun-Bakken Pool, pursuant to the provisions of NDCC § 38-08-06.4 and such other relief as is appropriate.

Case No. 17028: Application of Denbury Onshore, LLC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 3 and 10, T.151N., R.100W., Poe-Bakken Pool, McKenzie County, ND, as provided by NDCC § 38-08-08 and such other relief as

Case No. 17029: Application of Denbury Onshore, LLC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 14 and 23, T.145N., R.95W., Murphy Creek-Bakken Pool, Dunn County, ND, as provided by NDCC § 38-08-08 and such other relief

as is appropriate.

Case No. 17030 In the matter of the petition for a risk penalty of Denbury Onshore, LLC requesting an order authorizing the recovery of a risk penalty adultizing the receivery of a last periods from certain non-participating owners, as provided by NDCC § 38 08 08 in the drilling and completing of the Satter #24-35SEH well located in a spacing unit described as Sections 2 and 11, T150N, R.98W., Siverston-Bakken Pool, McKenzie County, ND, pursuant to NDAC § 43-02-03-88.1, and such other relief as is

appropriate.

Case No. 17031: In the matter of the perition for a risk penalty of Denbury Onshore, LLC requesting an order authorizing the recovery of a risk penalty from certain non-participating owners, as provided by NDCC § 38 08 08 in the drilling and completing of the Loomer #24-34NEH well located in a spacing unit described as Sections 27 and 34, T.I.S.N., R.99W., Tobacco Garden-Bakken Pool, McKenzie County, ND, pursuant to NDAC § 43-02-03-88.1, and such other and further relief as is appropriate.

Case No. 17032: Application of Newfield Production Co. for an order authorizing the drilling, completing and producing of a total of not more than seven wells on each 1280acre spacing unit described as Sections 30 and 31,T.151N., R.98W.; Sections 13 and 24: Sections 25 and 36, T.150N., R.99W.; and Sections 18 and 19, T.150N., R.98W.; and authorizing the drilling, completing and producing of a total of not more than seven wells on a 640-acre spacing unit described as Section 13, T.149N., R.98W., Siverston-Bakken Pool, McKenzie County, ND, eliminating any tool error requirements and such other relief as is appropriate.

Case No. 17033: Application of Newfield Production Co. for an order authorizing the drilling, completing and producing of a total of not more than seven wells on each 640or took more unit described as Section 3; and Section 30, T.153N., R.96W., Sand Creek-Bakken Pool, McKenzie County, ND, eliminating any tool error requirements and such other relief as is appropriate.

Case No. 17034: Application of Newfield Production Co. for an order authorizing the drilling, completing and producing of a total of not more than seven wells on a 1280acre spacing unit described as Sections 14 and 23, T.153N., R.96W., Keene-Bakken Pool, McKenzie County, ND, eliminating any tool error requirements and such other

relief as is appropriate.

Case No. 17035: Application of Newfield Production Co. for an order authorizing the drilling, completing and producing of a total of not more than seven wells on a 1280acre spacing unit described as Sections 2 and 11, T.150N., R.100W., Sandrocks-Bakken Pool, McKenzie County, ND, eliminating any tool error requirements and such other relief as is appropriate.

Case No. 17036: In the matter of the petition for a risk penalty of Newfield Production Co. requesting an order authorizing the recovery of a risk penalty from certain non-participating owners, as provided by NDCC § 38 08 08 in the drilling and completing of the Sand Creek Federal #1-23H well located in a spacing unit described as Sections 14 and 23, T.153N., R.96W., Keene-Bakken Pool, McKenzie County, ND, pursuant to NDAC § 43-02-03-88.1, and such other relief as is appropriate.

Case No. 15861: (Continued) Application of Newfield Production Co. for an order authorizing the drilling, completing and producing of a total of not more than seven wells on each 1280-acre spacing unit described as Sections 5 and 8; Sections 6 and 7; Sections 14 and 23; Sections 17 and 20; and Sections 18 and 19,T.155N., R.99W. Epping-Bakken Pool, Williams County, ND, eliminating any tool error requirements and such other relief as is appropriate.

Case No. 17037: Application of Continental Resources, Inc. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 30 and 31, T.157N., R.98W., Oliver-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as

is appropriate. Case No. 17038: Application of Continental Resources, Inc. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests NDAC § 43-02-03-08.1 pooling all interests for wells drilled on the overlapping spacing unit described as Sections 29 and 32, T.153N., R.94W., Antelope-Sanish Pool, McKenzie County, ND as provided by NDCC § 38-08-08 but not reallocating production for wells producing on other spacing units and such other relief as is

Case No. 17039: Application of Continental Case No. 1/U37: Application of Continental Resources, Inc. for an order pursuant to NDAC § 43-02-03-88. I pooling all interests in a spacing unit described as Sections 3 and 10, T.152N., R.94W., Antelope-Sanish Pool, McKenzie County, ND as provided by NDCC § 38-08-08 and such other relief as it appropriate.

is appropriate. is appropriate.

Case No. 17040:Application of Continental Resources, Inc., for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests for wells drilled on the overlapping spacing unit described as Sections 20, 29 and 32, T.147N., R.96W. and Section 5, T.146N., R.96W., Cedar Coulee-Bakken Pool, Dunn County, ND as provided by NDCC § 38-08-08 but not reallocating production for wells producing on other spacing units and such other relief as is appropriate.

Case No. 17041: Application of Continental Resources for an order pursuant to NDAC § 43-02-03-88.1 authorizing saltwater disposal into the Lodgepole Formation in the Lonesome Dove #42-17 SWD well, SENE Section 17, T.131N., R.106W., Cedar Hills Field, Bowman County, ND, pursuant to NDAC Chapter 43-02-05 and such other relief as is appropriate.

Case No. 17042: In the matter of the

etition for a risk penalty of Continental Resources, Inc. requesting an order authorizing the recovery of a risk penalty from certain non-participating owners, as provided by NDCC § 38 08 08 in the drilling and completing of the Meldahl #1-23H well located in a spacing unit described

as Sections 14 and 23, T.152N., R.95W., Hawkeye-Bakken Pool, McKenzie County, ND, pursuant to NDAC § 43-02-03-88.1, and such other relief as is appropriate.

Case No. 17043: In the matter of the petition for a risk penalty of Continental Resources, Inc. requesting an order authorizing the recovery of a risk penalty from certain non-participating owners, as provided by NDCC § 38 08 08 in the drilling and completing of the Sandie #1-28H well located in a spacing unit described as Sections 28 and 33, T.151N., R.97W., Elidah-Bakken Pool, McKenzie County, ND, pursuant to NDAC § 43-02-03-88.1, and such other relief as is appropriate.

Case No. 17044: In the matter of the

petition for a risk penalty of Continental Resources, Inc. requesting an order authorizing the recovery of a risk penalty from certain non-participating owners, as provided by NDCC § 38 08 08 in the drilling and completing of the Goodson #1-28H well located in a spacing unit described as Sections 28 and 33, T.160N., R.96W., Hamlet-Bakken Pool, Divide County, ND. pursuant to NDAC County, ND, pursuant to NDAC § 43-02-03-88.1, and such other relief as is

appropriate.

<u>Case No. 17045:</u> In the matter of the petition for a risk penalty of Continental Resources, Inc. requesting an order authorizing the recovery of a risk penalty authorizing the recovery of a risk penarty from certain non-participating owners, as provided by NDCC § 38 08 08 in the drilling and completing of the Obert #1-13H well located in a spacing unit described as Sections 12 and 13, T.155N., R.104W., Hebron-Bakken Pool, Williams County, ND, pursuant to NDAC § 43-02-03-88.1, and such other relief as is appropriate

appropriate.

Case No. 17046: In the matter of the petition for a risk penalty of Continental Resources, Inc. requesting an order authorizing the recovery of a risk penalty from certain non-participating owners, as provided by NDCC § 38 08 08 in the drilling and completing of the Horob #1-14H well located in a spacing unit described as the E/2 W/2 and E/2 of Sections 11 and 14, T.155N., R.104W., Hebron-Bakken Pool, Williams County, ND, pursuant to NDAC § 43-02-03-88.1, and such other relief as is appropriate.

Case No. 17047; In the matter of the petition for a risk penalty of Continental Resources, Inc. requesting an order authorizing the recovery of a risk penalty from certain non-participating owners, as provided by NDCC § 38 08 08 in the drilling and completing of the Charlotte #1-22H well located in a spacing unit described as Sections 15 and 22, T.152N., R.99W., Banks-Bakken Pool, McKenzie County, ND, pursuant to NDAC § 43-02-03-88.1, and such other relief as is appropriate

Case No. 17048: Application of Arsenal Energy USA, Inc. for an order pursuant to NDAC § 43-02-03-88. I pooling all interests in a spacing unit described as Sections 3 and 10, T.155N., R.91W., Stanley-Bakken Pool, Mountrail County, ND as provided by NDCC § 38-08-08 and such other relief as

is appropriate. Case No. 17049: Application of Fidelity Exploration & Production Co. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 25 and 36, T.140N., R.98W., Green River-Bakken Pool, Stark County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 17050: Application of Fidelity Exploration & Production Co. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections I and I2, T.140N., R.97W., Dutch Henry Butte-Bakken Pool, Stark County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 17051: Application of Fidelity Exploration & Production Co. for an order Exploration & Production Co. 101 an ever pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Section 2, T.140N., R.97W., Dutch Henry Butte-Bakken Pool, Stark County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 17052: Application of Fidelity Exploration & Production Co. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 2 and 11, T.139N., R.98W., Zenith-Bakken Pool, Stark County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 17053: Application of Fidelity Exploration & Production Co. for an order pursuant to NDAC § 43-02-03-88. I pooling all interests in a spacing unit described as Sections 14 and 23,T.139N., R.98W., Zenith-Bakken Pool, Stark County, ND as provided by NDCC § 38-08-08 and such other relief

as is appropriate.

Case No. 17054: Application of Fidelity Exploration & Production Co. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 15 and 22,T.139N., R.98W., Zenith-Bakken Pool, Stark County, ND as provided by NDCC § 38-08-08 and such other relief

As is appropriate.

Case No. 17055: Application of EOG Resources, Inc. for an order pursuant to NDAC § 43-02-03-88. I pooling all interests in a spacing unit described as Sections 30 and 31, T.157N., R.92W., Cottonwood-Bakken Pool, Mountrail County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 17056: Application of EOG

Resources, Inc. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 7 and 18, T.157N., R.91W., Kittleson Slough-Bakken Pool, Mountrail County, ND as provided by NDCC § 38-08-08 and such

case No. 17057; Application of EOG Resources, Inc. for an order pursuant to NDAC § 43-02-03-88. I pooling all interests in a spacing unit described as Section 13, T.157N., R.91W., Kittleson Slough-Bakken Pool, Mountrail County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 17058: Application of EOG Resources, Inc. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 14 and 15, T.157N., R.91W., Kittleson Slough-Bakken Pool, Mountrail County, ND as provided by NDCC § 38-08-08 and such

case No. 17059: Application of EOG Resources, Inc. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 23 and 26, T.157N., R.90W. Clear Water-Bakken Pool, Mountrail County, ND as provided by NDCC § 38-08-08 and such

other relief as is appropriate.

Case No. 17060: Application of EOG Resources, Inc. for an order pursuant to NDAC § 43-02-03-88. I pooling all interests in a spacing unit described as Sections 6 and 7,T.156N., R.103W., Bull Butte-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as

is appropriate is appropriate.

Case No. 17061: Application of EOG
Resources, Inc. for an order pursuant to
NDAC § 43-02-03-88.1 pooling all interests
in a spacing unit described as Sections 29
and 32.T.156N., R.103W., Bull Butte-Bakken
Pool, Williams County, ND as provided by
NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 17062: Application of EOG Resources, Inc. for an order pursuant to NDAC § 43-02-03-88. I pooling all interests in a spacing unit described as Sections 30 and 31, T.156N., R.103W. Bull Butte-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 17063: Application of EOG Researces, inc. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests 7.T.156N., R.102W., Bull Butte-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate.

ase No. 17064: Application of EOG Resources, Inc. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 18 and 19,T.156N., R.102W, Bull Butte-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as

is appropriate.

Case No. 17065: Application of EOG Resources, Inc. for an order pursuant to NDAC § 43-02-03-88. I pooling all interests in a spacing unit described as Sections 28 and 33,T.156N., R.102W., Bull Butte-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 17066: Application of EOG Resources, Inc. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 29 and 32, T.156N., R.102W., Bull Butte-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as

is appropriate.

Case No. 17067: Application of EOG Resources, Inc. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 13 and 24, T.156N., R.102W, Tyrone-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as

Case No. 17068: Application of EOG Resources, Inc. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 27 and 34, T.156N., R. 102W., Bonetrail-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as

is appropriate. Case No. 17069: Application of EOG Resources, Inc. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections I and I2, T.156N., R.93W., Alger-Bakken Pool, Mountrail County, ND as provided by NDCC § 38-08-08 and such other relief as

is appropriate. Case No. 17070: Application of EOG Resources, Inc. for an order pursuant to NDAC § 43-02-03-88. I pooling all interests in a spacing unit described as Sections 19 and 30, T.156N., R.92W., Alger-Bakken Pool, Mountrail County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate.

is appropriate.

Case No. 17071: Application of EOG case No. 17071: Application of EOG Resources, Inc. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as the W/2 of Section 3 and the E/2 of Section 4,T.156N., R.91W. and Section 36, T.157N., R.91W., Ross-Bakken Pool, Mountrail County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 17072: Application of EOG Resources, Inc. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as the E/2 of Section 3 and the W/2 of Section 2,T.156N., R.90W. and Section 31, T.157N., R.89W., Ross-Bakken Pool, Mountrail County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 17073: Application of EOG Resources, Inc. for an order pursuant to NDAC § 38-08-08 and such other relief as is appropriate.

case No. 170/3: Application of EOG Resources, Inc. for an order pursuant to NDAC §-43-02-03-88. I pooling all interests in a spacing unit described as Section 2, T.155N., R.90W., Ross-Bakken Pool, Mountrail County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 17074: Application of EOG Resources, Inc. for an order pursuant to Resources, Inc. for an order pursuant to NDAC § 43-02-03-88. I pooling all interests in a spacing unit described as Sections 10 and 15, T. 155N., B. 102W. Squires-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 17075: Application of EOG Resources, Inc. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 29 and 30, T.155N., R.102W., Squires-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as

is appropriate.

Case No. 17076: Application of EOG Resources, Inc. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests for wells drilled on the overlapping spacing unit described as Sections 17 and 20, T.154N., R.103W., Round Prairie-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 but not reallocating production for wells producing on other spacing units and such other relief as is

appropriate.

<u>Case No. 17077</u>: Application of EOG
Resources, Inc. for an order pursuant to
NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Section 26, T.154N., R.89W., Parshall-Bakken Pool, Mountrail County, ND as provided by NDCC § 38-08-08 and such other relief as

Case No. 17078: Application of EOG Resources, Inc. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests NDAC § 43-02-03-100 pooling all little ests for wells drilled on the overlapping spacing unit described as Sections 9, 10 and 15, T.153N., R.90W., Parshall-Bakken Pool, Mountrail County, ND as provided by NDCC § 38-08-08 but not reallocating production for wells producing on other spacing units and such other relief as is appropriate.

Case No. 17079: Application of EOG Resources, Inc. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests for wells drilled on the overlapping spacing unit described as Sections 23, 24 and 25, T.152N., R.91W., Van Hook and/or Parshall-Bakken Pools, Mountrail County, ND as provided by NDCC § 38-08-08 but not reallocating production for wells producing on other spacing units and such other relief

as is appropriate Case No. 17080: Application of EOG Resources, Inc. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as the E/2 of Section 26 and all of Section 25, T.ISI N., R,92W, and Section 30,T.151N., R.91W, Van. Hook-Bakken Pool, Mountrail County, ND as provided by NDCC § 38-08-08 and such

as provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 17081: Application of EOG Resources, Inc. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 14 and 23, T.153N., R.103W, Lake Trenton-Batters. Pool. Williams. County, ND, as Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such

provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 17082: Application of EOG Resources, Inc. för an order pursuant to NDAC § 43-02-03-88. I pooling all interests in a spacing unit described as Sections I and 12, T.153N., R.102W. Rosebud-Bakken Pool, Williams and McKenzie Counties, ND as provided by NDCC § 38-08-08 and such

other relief as is appropriate.

Case No. 17083: Application of EOG Resources, Inc. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 26 and 35,T.153N., R.102W., Indian Hill-Bakken Pool, Williams and McKenzie Counties, ND as provided by NDCC § 38-08-08 and such

other relief as is appropriate.

<u>Case No. 17084: Application of EOG</u>

Resources, Inc. for an order pursuant to NDAC § 43-02-03-88, I pooling all interests in a spacing unit described as Sections 27 and 34, T.153N., R.102W, Eightmile-Bakken Pool, Williams and McKenzie Counties, ND as provided by NDCC 138-138 and such other relief as is appropriate.

Case No. 17085: Application of EOG Resources, Inc. for an order pursuant to

NDAC § 43-02-03-88.1 pooling all interests for wells drilled on the overlapping spacing tor wells drilled on the overtapping spacing unit described as Sections 20 and 29, T.152N., R.92W., Big Bend-Bakken Pool, Mountrail County, ND as provided by NDCC § 38-08-08 but not reallocating production for wells producing on other spacing units and such other relief as is appropriate. appropriate.

Case No. 17086: Application of EOG: Resources, Inc. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 5 and 8, T.151N., R.100W. Poe and Sakakawea-Bakken Pools, McKenzie County, ND as persuided by NDCC 528 00 00 of the second of the NDCC 528 00 00 of the second of the NDCC 528 00 00 of the second of the NDCC 528 00 00 of the second of the NDCC 528 00 00 of the second of the NDCC 528 00 00 of the second of the NDCC 528 00 00 of the second of the NDCC 528 00 00 of the second of the NDCC 528 00 00 of the second of the NDCC 528 00 00 of the second of the second of the NDCC 528 00 00 of the second of provided by NDCC § 38-08-08 and such

other relief as is appropriate.

Case No. 17087: Application of EOG Resources, Inc. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests for wells drilled on the overlapping spacing unit described as Sections 17 and 20, T.150N., R.94W., Spotted Horn-Bakken Pool, McKenzie County, ND as provided by NDCC § 38-08-08 but not reallocating production for wells producing on other spacing units and such other relief as is

appropriate.

<u>Case No. 17088</u>: Application of EOG Resources, Inc. for an order pursuant to NDAC § 43-02-03-88. I pooling all interests for wells drilled on the overlapping spacing unit described as Sections 19 and 20, T.150N., R.94W., Spotted Horn-Bakken NDCC § 38-08-08 but not reallocating production for wells producing on other spacing units and such other relief as is

appropriate.

Case No. 17089: Application of EOG Resources, Inc. for an order pursuant to

Resources, Inc. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Section 18, T.150N., R.90W., Deep Water Creek Bay-Bakken Pool, McLean County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 17090: Application of EOG Resources, Inc. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Section 8, T.149N., R.94W., Squaw Creek-Bakken Pool, McKenzie County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate. is appropriate

Case No. 17091: Application of EOG Resources, Inc. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 18 and 19, T.149N., R.94W., Squaw Creek-Bakken Pool, McKenzie County, ND as provided by NDCC § 38-08-08 and such

other relief as is appropriate.

Case No. 17092: Application of EOG
Resources, Inc. for an order pursuant to NDAC § 43-02-03-88 I pooling all interests for wells drilled on the overlapping spacing unit described as Sections 16 and 17, T.149N., R.94W., Squaw Creek-Bakken Pool, McKenzie County, ND as provided by NDCC § 38-08-08 but not reallocating production for wells producing on other spacing units and such other relief as is appropriate.

Case No. 17093: Application of Zavanna, LLC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Section 2,T.155N., R.100W., Stony Creek-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as

is appropriate.

Case No. 17094: Application of Zavanna, LLC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Section 3,T.155N.. R.100W., Stony Creek-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as

is appropriate.

Case No. 17095: Application of Zavanna, LLC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Section 10, T.155N., R.100W., Stony Creek-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as

Case No. 17096: Application of Zavanna Lase No. 1/096: Application of Zavanna, LLC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Section 11, T.155N., R.100W., Stony Creek-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as it appropriate. is appropriate.

Case No. 17097: Application of Zavanna, LLC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Section 14, T.155N., R.100W., Stony Creek-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate

is appropriate.

Case No. 17098: Application of Zavanna, LLC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Section 15, T.155N., R.100W., Stony Creek-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate. is appropriate

is appropriate.

Case No. 17099: Application of Zavanna, LLC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 16 and 21, T.155N., R.100W., Stony Creek-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as it appropriate.

Case No. 17100: Application of Zavanna, LTC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 17 and 20, T.155N., R. (100W., Stony Creek-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as

Case No. 17101: Application of Zavanna. Case No. 1/101: Application of Zavanna, LTC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Section 22, T.155N., R.100W., Stony Creek-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate is appropriate

is appropriate.

Case No. 17102: Application of Zavanna, LLC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Section 23, T.155N., R.100W., Stony Creek-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as its appropriate.

NDCC 9-36-08-08 and such other relief as is appropriate.

Case No. 17103: Application of Zavanna, LLC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Section 25, T.155N., R.100W., Stony Creek-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate. is appropriate

is appropriate.

Case No. 17104: Application of Zavanna, LLC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Section 26, T.155N., R.100W., Stony Creek-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as its appropriate.

NDCC-§ 38-08-08 and such other relief as is appropriate.

Case No. 17105: Application of Zavanna, LLC for an order pursuant to NDAC § 43-02-03-86.1 pooling all interests in a spacing unit described as Section 27, T.155N., R.100W., Stony Creek-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 17106: Application of Zavanna, Case No. 1/106: Application of Zavanna, LLC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Section 35, T.155N., R.100W., Stony Creek-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as

Gase No. 17107: Application of Zavanna, LLC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Section 13,

T.154N., R.99W., Stockyard Creek-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 17108: Application of Zavanna, Case No. 17108: Application of Zavanna, LLC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Section 14, T.154N., R.99W., Stockyard Creek-Bakken Pool, Williams Gounty, ND as provided by NDCC § 38-08-08 and such other relief as

is appropriate.

Case No. 17109: Application of Zavanna, LLC for an order pursuant to NDAC § 43-02-03-88. I pooling all interests in a § 43-02-03-68.1 pooling all illerests in a spacing unit described as Section 15, T.154N., R.99W., Stockyard Creek-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as

is appropriate.

respropriate.

Case No. 17110: Application of Zavanna, LLC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 19 and

spacing unit described as Sections 19 and 30, T.154N., R.99W., Stockyard Creek-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 17111: Application of Zavanna, LLC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Section 20, T.154N., R.99W., Stockyard Creek-Bakken Pool Williams County, ND as provided by Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 17112: Application of Zavanna, LCC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a

T.154N., R.99W., Stockyard Creek-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as

respropriate.

Case No. 17113: Application of Zavanna, LLC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Section 22, T.154N., R.99W, Stockyard Creek-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate

Case No. 17114: Application of Zavanna, § 43-02-03-88.1 pooling all interests in a spacing unit described as Section 23, T.154N., R.99W., Stockyard Creek-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 17115: Application of Zavanna, ELC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Section 24, T.154N., R.99W., Stockyard Creek-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate.

is appropriate.

Case No. 17116: Application of Zavanna, LLC: for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Section 26, T.154N., R.99W., Stockyard Creek-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as

is appropriate.
Case No. 17117: Application of Zavanna LLC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a 34, T.154N., R.99W., Stockyard Creek-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such

other relief as is appropriate.

Case No. 17118: Application of Zavanna, LLC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 28 and 33. T.154N., R.99W, Stockyard Creek-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate.

other relief as is appropriate.

Case No. 17119: Application of Zavanna, LLC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 29 and 32, T.154N., R.99W. Stockyard Creek-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate.

provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. [7] 20: Application of Zavanna, LIC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Section 35, T.154N., R.99W., Stockyard Creek-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate is appropriate.

Case No. 17121: Application of Zavanna, LCC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 25 and 36, T.154N., R.99W., Long Creek-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 17122: Application of Zavanna, LIC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 2 and 11, T153N, R.99W, Long Creek-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as

is appropriate.

Case No. 17123: Application of Zavanna, LLC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 3 and 10, T.153N., R.99W., Long Creek-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as

is appropriate.

Case No. 17124: Application of Zavanna, LCC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 5 and 8, TLEN IN 2004. T.153N., R.99W., Crazy Man Creek-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as

Case No. 17125. Application of Zavanna, LLC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 2 and 11, T.151N., R.103W., Glass Bluff-Bakken Pool, McKenzie County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 17126: Application of Zavanna, LLC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 3 and 10, T.151N., R.103W., Glass Bluff-Bakken Pool, McKenzie County, ND as provided by NDCC § 38-08-08 and such other relief as

is appropriate.

Case No. 17127: Application of Zavanna,
LLC for an order pursuant to NDAC

§ 43-02-03-88. I pooling all interests in a 3, 43-02-03-08.1 pooling all interests in a spacing unit described as Sections 4 and 9, T.151N., R.103W., Glass Bluff-Bakken Pool, McKenzie County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate.

Sappropriate.

Case No. 17128: Application of Zavanna, LLC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 5 and 8, T.15†N., R.103W., Glass Bluff-Bakken Pool, McKenzie County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate.

is appropriate.

Case No. 17129: Application of Zavanna,
LLC for an order pursuant to NDAC
§ 43-02-03-88.1 pooling all interests in a
spacing unit described as Sections 6 and 7,
T.151N., R.103W., Glass Bluff-Bakken Pool,

McKenzie County, ND as provided by NDCC § 38-08-08 and such other relief as

is appropriate.

Case No. 17130: Application of Zavanna, LLC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a 3 73-2-03-06. Pooling at interests in a spacing unit described as Sections 14 and 23, T.151N., R.103W., Glass Bluff-Bakken Pool, McKenzie County, ND as provided by NDCC § 38-08-08 and such other relief as

is appropriate.
Case No. 17131: Application of Zavanna,
LLC for an order pursuant to NDAC

§ 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 15 and 22, T.151N., R.103W., Glass Bluff-Bakken Pool, McKenzie County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 17132: Application of Zavanna, LLC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a y 43-02-03-08.1 pooling all interests in a spacing unit described as Sections 17 and 20, T.151N., R.103W., Glass Bluff-Bakken Pool, McKenzie County, ND as provided by NDCC § 38-08-08 and such other relief as

is appropriate.

Case No. 17133: Application of Zavanna, LLC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 13 and 24, T.149N., R.102W., Boxcar Butte-Bakken Pool, McKenzie County, ND as provided by NDCC § 38-08-08 and such other relief as

Case No. 17134: Application of WPX Energy Williston; LLC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 30 and 31, T.151N., R.94W., Antelope-Sanish Pool, McKenzie County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 17135: Application of WPX Energy Williston, LLC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests for wells drilled on the overlapping spacing unit described as Section 1, T.149N., R.93W. and Section 36, T.150N., R.93W., Mandaree-Bakken Pool, Dunn County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 17136: Application of WPX Energy Williston, LLC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as the W/2 of Section 21, T.149N., R.94W., Squaw Creek-Bakken Pool, McKenzie County, ND as provided by NDCC § 38-08-08 and such

other relief as is appropriate.

Case No. 17137: Application of WPX Energy Williston, LLC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Section 9, T.149N., R.91W., Heart Butte-Bakken Pool, Dunn County, ND as provided by NDCC § 38-08-08 and such other relief

by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 17138: Application of WPX Energy Williston, LLC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 22 and 27, T.149N., R.91W., Heart Notes Paul (1998). Butte-Bakken Pool, Dunn County, ND as provided by NDCC § 38-08-08 and such

provided by NDCC § 38-09-09 and such other relief as is appropriate.

Case No. 17139: Application of WPX Energy Williston, LLC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 30 and 31, T.148N., R.92W., Heart Rutta-Rakken Pool Dinn County ND as Butte-Bakken Pool, Dunn County, ND as

Butte-Bakken Pool, Dunn County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 17140: Application of WPX Energy Williston, LLC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 25 and 36, T.148N., R.93W., Maccacin Creak Bakken.

Sections 25 and 36, 1.148N., R.93W., Moccasin Creek-Bakken Pool, Dunn County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 17141: Application of WPX Energy Williston, LLC for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 1 and 12, T.147N., R.93W., Moccasin Creek-Bakken Pool, Dunn County ND as provided by NDCC 6 38-09. County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate. Case No. 17142: Application of WPX Energy Williston, LLC for an order authorizing the drilling, completing and producing of a total of not more than seven wells on a 1280-acre spacing unit described as Sections 30 and 31, T.150N., R.93W., Reunion Bay-Bakken Pool, Dunn County, ND, eliminating any tool error requirements and such other relief as is appropriate.

appropriate.

Case No. 17143: Application of WPX
Energy Williston, LLC for an order
authorizing the drilling, completing and
producing of a total of not more than seven
wells on a 1280-acre spacing unit described
as Sections 11 and 14, T.149N., R.94W. Squaw Creek-Bakken Pool, McKenzie County, ND, eliminating any tool error requirements and such other relief as is Case No. 17144: Application of WPX Energy Williston, LLC for an order authorizing the drilling, completing and producing of a total of not more than seven wells on each 1280-acre spacing unit described as Section 36, T.150N., R.93W. and Section 1, T.149N., R.93W.; authorizing the drilling, completing and producing of a total of not more than four wells on each 640-acre spacing unit described as Section 24, T.149N., R.94W.; and Section 19, T.149N., R.93W.; authorizing the drilling, completing and producing of a total of not more than three wells on a 640-acre spacing unit described as Section 18, T.149N., R.93W.; and authorizing the drilling, completing and producing of a total of not more than two wells on a 320-acre spacing unit described as the W/2 of Section 16, T.149N., R.93W., Mandaree-Bakken Pool, Dunn and McKenzie Counties, ND, eliminating any tool error requirements and such other relief as is

appropriate.

Case No. 17145: Application of WPX Energy Williston, LLC for an order authorizing the drilling, completing and producing of a total of not more than four wells on a 640-acre spacing unit described as Section 15, T.152N., R.92W., Van Hook-Bakken Pool, Mountrail County, ND, eliminating any tool error requirements and such other relief as is appropriate.

Such other relief as is appropriate.

Case No. 16858: (Continued) Application for an order amembing the field rules for the Reunion Bay-Bakken Pool, McKenzie, Mountrail and Dunn Counties, ND, to allow the flaring of gas and unrestricted production of oil from wells not connected to a gas gathering facility until the same can be connected and such other relief as is appropriate. Dakota-3 E&P Co, LLC

Case No. 17146:Application of Triangle USA Petroleum Corp. for an order authorizing the drilling, completing and producing of a total of not more than eight wells on a 1280-acre spacing unit described as Sections 25 and 36, T.150N., R.101W., Rawson-Bakken Pool, McKenzie County, ND, eliminating any tool error requirements and such other relief as is appropriate.

& Gas, LP for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections I and 12, T.155N., R.100W., Stony Creek-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as

is appropriate. Case No. 17148: Application of Brigham Oil & Gas, L.P. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 26 and 35, T.154N., R.101W., Todd-Bakken Pool, Williams and McKenzie Counties, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 17149: Application of Brigham Oil & Gas, L.P. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 6 and 7, T.154N., R.100W., Williston-Bakken Pool, Williams County, ND as provided by NDCC § 38-08-08 and such other relief as

is appropriate.

is appropriate.

Case No. 17150: Application of Brigham Oil

Gas, LP for an order pursuant to NDAC

§ 43-02-03-88. I pooling all interests for
wells drilled on the overlapping spacing unit
described as Sections. 17 and 20, T154N.,
R.100W., Catwaik-Bakken Pool, Williams
County, ND as provided by NDCC § 38-08-

08 but not reallocating production for wells producing on other spacing units and such

other relief as is appropriate.
Case No. 17151:Application of Brigham Oil & Gas, L.P. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 19 and 30, T.152N., R.104W., Briar Creek-Bakken Pool, McKenzie County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 17152: Application of Brigham Oil & Gas, L.P. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 21 and 28, T.152N., R.104W., Briar Creek-Bakken Pool, Williams and McKenzie Counties, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 17153 Application of Brigham Oil & Gas, L.P. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Section 31, T.152N., R.104W. and Section 6, T.151N., R.104W., Briar Creek-Bakken Pool, McKenzie County, ND as provided by NDCC § 38-08-08 and such other relief as

Case No. 17154: Application of Brigham Oil & Gas, L.P. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 27 and 34, T.151N., R.102W., Nameless Field or Elk-Bakken Pool, McKenzie County, ND as provided by NDCC § 38-08-08 and such

other relief as is appropriate.

Case No. 17155: Application of Brigham Oil

Gas, L.P. for an order authorizing the drilling, completing and producing of horizontal increase density wells on each 1280-acre spacing unit within Zones II and III of the Williston-Bakken Pool, Williams County, ND, not to exceed a total of eight horizontal wells on each such spacing unit, eliminating any tool error requirements and

such other relief as is appropriate.

Case No. 17156: Application of Baytex
Energy USA Ltd. for an order pursuant to
NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 15 and 22, T.162N., R.98W, Blooming Prairie-Bakken Pool, Divide County, ND, as provided by NDCC § 38-08-08 and such

other relief as is appropriate.

Case No. 17157: Application of Baytex Energy USA Ltd. for an order pursuant to NDAC § 43-02-03-88. I pooling all interests in a spacing unit described as Sections 26 and 35, T.162N., R.98W., Whiteaker-Bakken Pool, Divide County, ND, as provided by NDCC § 38-08-08 and such other relief as

is appropriate.

Case No. 17158: Application of Baytex Energy USA Ltd. for an order pursuant to NDAC § 43-02-03-88. I pooling all interests in a spacing unit described as Sections 27 and 34, T.162N., R.98W., Whiteaker-Bakken Pool, Divide County, ND, as provided by NDCC § 38-08-08 and such other relief as it appropriate.

is appropriate. Case No. 17159: Application of Baytex Energy USA Ltd. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 13 and 24, T.161N., R.98W., Whiteaker-Bakken Pool, Divide County, ND, as provided by NDCC § 38-08-08 and such other relief as

Case No. 17160: Application of Baytex Case No. 1710: Application of bayes energy USA Ltd. for an order pursuant to NDAC § 43-02-03-88. I pooling all interests in a spacing unit described as Sections 5 and 8, T.161N., R.98W., Plumer-Bakken Pool, Divide County, ND, as provided by NDCC § 38-08-08 and such other relief as is

Case No. 17161: Application of Baytex Energy USA Ltd. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 17 and 20, T.161N., R.98W., Plumer-Bakken Pool, Divide County, ND, as provided by NDCC § 38-08-08 and such other relief as

is appropriate

Case No. 17162: Application of Baytex Energy USA Ltd. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 25 and 36, T.161N., R.98W, Moraine-Bakken Pool, Divide County, ND, as provided by NDCC § 38-08-08 and such other relief as

is appropriate

is appropriate.

Case No. 17163; Application of Baytex Energy USA Ltd. for an order pursuant to NDAC § 43-02-03-88.1 authorizing the flaring of gas from the Grundstad #10-162-99H well located in the NWNW of Section 10, T.162N., R.99W., Divide County, ND, the language of the propriate of the county of the coun Ambrose-Bakken Pool, pursuant to the provisions of NDCC § 38-08-06.4 and such

other relief as is appropriate. Case No. 17164: Application of Baytex Case No. 17164: Application of Bayes, Energy USA Ltd. for an order pursuant to NDAC § 43-02-03-88.1 authorizing the flaring of gas from the Haugenoe #22-162-99H well located in the SESW of Section 15, T.162N., R.99W., Divide County, ND, Ambrose-Bakken Pool, pursuant to the provisions of NDCC § 38-08-06.4 and such other relief as is appropriate.

Case No. 17165: Application of Baytex Case No. 17165: Application of Baytex Energy USA Ltd. for an order pursuant to NDAC § 43-02-03-88.1 authorizing the flaring of gas from the Larsen #8-162-99H well located in the NWNW of Section 8, T.162N., R.99W., Divide County, ND, Ambrose-Bakken Pool, pursuant to the provisions of NDCC § 38-08-06.4 and such other relief as is appropriate.

other relief as is appropriate.

Case No. 17166: Application of Enerplus Resources (U.S.A.) Inc. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 30 and 31, T.148N., R.93W., McGregory Buttes-Bakken Pool, Dunn County, ND as provided by NDCC § 38-08-08-08 and subject of the relief as in a constant of the section of the sec 08 and such other relief as is appropriate.

Case No. 17167: Application of Enerplus Resources (U.S.A.) Inc. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 5 and 8, T.147N., R.93W., Moccasin Creek-Bakken Pool, Dunn County, ND as provided by NDCC § 38-08-08 and such

other relief as is appropriate.

Case No. 17168: Application of Enerplus Resources (U.S.A.) Inc.: for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 6 and 7,T.147N., R.93W., Moccasin Creek-Bakken Pool, Dunn County, ND as provided by NDCC § 38-08-08 and such

case No. 17169: Application of Enerplus Resources (U.S.A.) Inc. for an order pursuant to NDAC § 43-02-03-88. Pooling all interests in a spacing unit described as Sections 16 and 21, T.147N., R.93W., Moccasin Creek-Bakken Pool, Dunn County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate. Case No. 17170: Application of Enerplus Resources (U.S.A.) Inc. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 17 and 20, T.147N., R.93W., Moccasin Creek-Bakken Pool, Dunn County, ND as provided by NDCC § 38-08-Odlink, No. a provided of the County, No. Co. and Such other relief as is appropriate.

Case No. 17171: Application of Zenergy, Inc. for an order amending the field rules for the Dore-Bakken Pool, McKenzie County,

ND, to allow the flaring of gas and unrestricted production of oil from wells not connected to a gas gathering facility until the same can be connected and such

other relief as is appropriate.

Case No. 17172: Application of Hunt § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 3 and 10, T.145N., R,93W., Bailey-Bakken Pool, Dunn County, ND as provided by NDCC \$ 38-08-08 and for such other poling as § 38-08-08 and for such other relief as is

appropriate.

Case No. 17173: Application of Hunt Oil C&-pursuant to NDAC § 43-02-03-88. I for an order authorizing the drilling of a salt-water disposal well to be located in the S/2 of Section 31, T.149N., R.100W., Ellsworth

Field, McKenzie County, ND, in the Dakota Formation pursuant to NDAC Chapter 43-02-05 and such other relief as is appropriate.

Case No. 17174: Application of Hunt Oil Co. pursuant to NDAC § 43-02-03-88.1 for an order authorizing the drilling of a saltwater disposal well to be located in the NWNW of Section 11, T.156N., R.90W., Ross Field, Mountrail County, ND, in the Dakota Formation pursuant to NDAC Chapter 43-02-05, and such other relief as

Case No. 17175: Application of Borejaks Energy Services pursuant to NDAC § 43-02-03-88.1 for an order authorizing the drilling of a saltwater disposal well to be located in the SWSE of Section 14,T.150N., R.101W., Rawson Field, McKenzie County, ND, in the Dakota Formation pursuant to NDAC Chapter 43-02-05 and such other

NDAC Chapter 43-02-05 and such other relief as is appropriate.

Case No. 17176; Application of Missouri Basin Well Service, Inc. pursuant to NDAC § 43-02-03-88.1 for an order authorizing the drilling of a saltwater disposal well to be located in the SENE of Section 13, T.152N., R.96W., Union Center Field, McKenzie County, ND, in the Dakota Formation pursuant to NDAC Chapter 43-02-05 and

pursuant to NDAC Chapter 45-U2-U3 and such other relief as is appropriate.

Case No. 17177: Application of Missouri Basin Well Service, Inc. in accordance with NDAC § 43-02-03-88.1 for an order authorizing the conversion of the Jeglum #1 SWD well, filka Jeglum 32 well, located in the NWNW of Section 32, T.163N., R.100W., Gooseneck Field, Divide County, ND, to a saltwater disposal well in the Dakota Formation pursuant to NDAC Chapter 43-02-05 and such other relief as is

appropriate.

Case No. 17178: Application of @XY USA Inc. pursuant to NDAC § 43-02-03-88.1 for an order authorizing the drilling of a saltwater disposal well to be located in the SESE of Section 31, T.143N., R.95W., Manning Field, Dunn County, ND, in the Dakota Formation pursuant to NDAC Chapter 43-02-05, and such other relief as is appropriate.

is appropriate.

Gase No. 17179: Application of CCS

Tridstream Services, L.L.C. pursuant to

NDAC § 43-02-03-88.1 for an order
authorizing the drilling of a saltwater
disposal well to be located in the SWNE of
Section 7, T.156N., R.94W., Big Butte Field,
Mountrail County, ND, in the Dakota
Formation pursuant to NDAC Chapter
43-07-05 and such other relief as is 43-02-05, and such other relief as is appropriate.

Case No. 17180: Application of CCS Midstream Services, L.L.C. pursuant to NDAC § 43-02-03-88.1 for an order authorizing the drilling of a saltwater disposal well to be located in the SENE of Section 7, T.156N., R.94W., Big Butte Field, Mountrail County, ND, in the Dakota Formation pursuant to NDAC Chapter 43-02-05, and

such other relief as is appropriate.

Gee No. 17181: Application of CCS
Midstream Services, L.L.C. pursuant to
NDAC § 43-02-03-88.1 for an order authorizing the drilling of a saltwater disposal well to be located in the NENE of Section 7, T.156N., R.94W, Big Bütte Field, Mountrail County, ND, in the Dakota Formation pursuant to NDAC Chapter 43-02-05, and such other relief as is

appropriate.

Case No. 17182: Application of Ballantyne
Oil in accordance with NDAC § 43-02-03-88.1 for an order allowing the production from the Brandy #9-21 well, located in Section 21, T.159N., R.83W., and the Cunningham #12-22 well located in Section 22, T.159N., R.83W., and any other well drilled and completed in the Spring Coulee-Madison Pool; to be commingled into a Central Tank Battery or production facility to be located in the field in Bottineau County, ND, as an exception to the provisions of NDAC § 43-02-03-48, pursuant to NDAC 43-02-03-48.1, and such other relief as is appropriate.

Case No. 17183 Application of Legacy Oil & Gas ND, Inc. for an order allowing the production from the following wells. Legacy et al. Wunderlich #5-6H well SWNW Section 6: Legacy et al Berge #13-6H well SWSW Section 6: Legacy et al Berge #5-7H well SWNW Section 7; Legacy et al Bernstein #13-7H well SWSW Section 7; Legacy et al Seter #13-16H well SWSW Section 16; Legacy etal Bernstein #13-17H Section 16; Legacy etal Bernstein #13-17H well SWSW Section 17; Bernstein #5-17H well SWNW Section 17; Legacy etal Bernstein 4-18H #1-H well NWNW Section 18; Legacy etal Fett 12-18#1-H well NWSW Section 18; Legacy etal Fett 12-19H #1-H well NWSW Section 18; Legacy etal Fett 12-19H #1-H well NWSW Section 19; TiGSN., P 76W-1 Secret et al Regge #1-14H well NWSW Section 19; TiGSN. 19H #1-H well NWSW Section 19,T163N., R.76W; Legacy et al Berge #1-IH well NENE Section 1; Legacy et al Berge 9-IH #1-H well NESE Section 1; Legacy et al Berge #1-12H well NENE Section 12; Legacy et al Berge 12-12H #1-H well NWSW Section 12,T163N.,R.77W; Legacy et al Berge #5-31H well SWNW Section et al Berge #5-31H well SWNW Section 31; Legacy et al Berge #12-31H well NWSW Section 31; Klingbeil #13-30H well SWSW Section 30, T.164N., R.76W.; Bottineau County, ND, to be produced into the Legacy Bottineau 4-18-163N-76W Central Tank Battery or production facility located in the NW/4 of Section 18,T.163N., R.76W. Ryttineau County ND, acceptable 20, 2000 ND, and a section 18,T.163N., R.76W. Ryttineau County ND, acceptable 20, 2000 ND, and a section 18,T.163N. R.76W, Bottineau County, ND, as an exception to the provisions of NDAC § 43-02-03-48, pursuant to NDAC 43-02-03-48.1, and such other relief as is appropriate.

Signed by, Jack Dalrymple, Governor Chairman, ND Industrial Commission 2/9 - 607648

# Affidavit of Publication The Dickinson Press Dickinson, North Dakota



STATE OF NORTH DAKOTA County of Stark ) ss

Sonya Sacks	b	eing first duly sworn, o	on my oath,
say that I am the bookke	eper of The D	ickinson Press, a dai	ly
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JOY SCHOCH NOTARY PUBLIC, STATE OF NORTH DAKOTA MY COMMISSION EXPIRES JAN 6, 2017

# NOTICE OF HEARING N.D. INDUSTRIAL COMMISSION OIL AND GAS DIVISION

The North Dakota Industrial Commission will hold a public hearing at 9:00 a.m. Wednesday, February 29, 2012, at the N.D. Oil & Gas Division, 1016 East Calgary Ave., Bismarck, N.D. At the hearing the Commission will receive testimony and exhibits. Persons with any interest in the cases listed below, take notice.

PERSONS WITH DISABILITIES: If at the hearing you need special facilities or as-sistance, contact the Oil and Gas Division at 701-328-8038 by Thursday, February

16, 2012.

STATE OF NORTH DAKOTATO:

Case No. 17009: Application of Fidelity Exploration & Production Co. for an order extending the field boundaries and amending the field rules for the Dutch Henry Butte-Bakken Pool to create and establish two 1280-acre spacing units comprised of Section 2 and 11, T.140N., R.97W., and Sections 6 and 7, T.140N., R.96W., Stark County, ND, authorizing the drilling of one horizontal well on each spacing unit and such other relief as is

appropriate.

<u>Case No. 17010:</u> Application of Fidelity Exploration & Production Co. for an order creating field rules for the Dickinson-Bakken Pool to create and establish two 1280-acre spacing units comprised of Sections 13 and 24 and Sections 14 and 23, T.140N., R.97W., Stark County, ND, authorizing the drilling of a horizontal well on each spacing unit and such other relief as is appropriate

as is appropriate.

Case No. 17019: Application of Dakota

Maxum Partners, LLP for a permit to operate water recycling plants in ND to process contaminated frac and production water for reuse as frac water or potable water for other uses, and such other relief

water for other uses, and such other relief as is appropriate. 
Case No. 17049: Application of Fidelity Exploration & Production Co. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 25 and 36, T.140N., R.98W., Green River-Bakken Pool, Stark County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate.

propriate.

Case No. 17050: Application of Fidelity
Exploration & Production Co. for an order
pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 1 and 12, T.140N.,
R.97W., Dutch Henry Butte-Bakken Pool,
Stark County ND or servided his NDOOS Stark County, ND as provided by NDCC § 38-08-08 and such other relief as is ap-

Case No. 17051: Application of Fidelity Case No. 17051: Application of Fidelity Exploration & Production Co. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Section 2, T.140N., R.97W., Dutch Henry Butte-Bakken Pool, Stark County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate propriate.

Case No. 17052: Application of Fidelity Exploration 8 Production Co. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 2 and 11, T.139N., R.98W., Zenith-Bakken Pool, Stark County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 17053; Application of Fidelity Exploration & Production Co. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit de-scribed as Sections 14 and 23, T.139N., R.98W., Zenith-Bakken Pool, Stark County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate.

Case No. 17054: Application of Fidelity

Case No. 17054: Application of Fidelity Exploration & Production Co. for an order pursuant to NDAC § 43-02-03-88.1 pooling all interests in a spacing unit described as Sections 15 and 22, T.139N., R.98W., Zenith-Bakken Pool, Stark County, ND as provided by NDCC § 38-08-08 and such other relief as is appropriate propriate.

Signed by, Jack Dalrymple, Governor Chairman, ND Industrial Commission (Published February 8, 2012)