



GEOPHYSICAL EXPLORATION SUNDRY NOTICE - FORM GE 4

INDUSTRIAL COMMISSION OF NORTH DAKOTA
 OIL AND GAS DIVISION
 600 EAST BOULEVARD DEPT 405
 BISMARCK, ND 58505-0840
 SFN 51458 (03-2011)



PERMIT # _____

970192

Project Name Dilland VSP
County Williams
Supplemental Information Ultimately, an alternative methodology was used to orient the downhole microseismic array, and therefore no surface vibe shot locations were used.

Company Halliburton Energy Services		Telephone Number 214-616-7981	
Address 1125 17th Street, Suite 1900			
City Denver		State CO	Zip Code 80202
Signature 		Printed Name James White	
Title Rockies Manager, Pinnacle		Date April 7, 2015	
Email Address james.white@pinntech.com			

FOR STATE USE ONLY	
<input checked="" type="checkbox"/> Received	<input type="checkbox"/> Approved
Date 4/9/15	
By 	
Title Mineral Resources Permit Manager	



GEOPHYSICAL EXPLORATION AFFIDAVIT OF COMPLETION REPORT - FORM GE 6B
 INDUSTRIAL COMMISSION OF NORTH DAKOTA
 OIL AND GAS DIVISION
 600 EAST BOULEVARD DEPT 405
 BISMARCK, ND 58505-0840
 SFN 51456 (03-2011)



PERMIT NAME (Required): Dillard VSP
 PERMIT NUMBER: 97-0192

AFFIDAVIT OF COMPLETION (GEOPHYSICAL CONTRACTOR)

STATE OF Colorado)
)
 COUNTY OF Denver)

Before me, PAMELA M JOHNSON, a Notary Public in and for the said

County and State, this day personally appeared JAMES WHITE

who being first duly sworn, deposes and says that (s)he is employed by _____
Halliburton Energy Services, that (s)he has read North Dakota

Century Code Section 38-08.1, that the foregoing seismic project has been completed in
 accordance with North Dakota Administrative Code Rule 43-02-12 and that the statements on
 the reverse side of this document are true.

 Geophysical Contractor Representative

Subscribed in my presence and sworn before me this 29th day of March, 2015.

PAMELA M. JOHNSON
 NOTARY PUBLIC
 STATE OF COLORADO
 NOTARY ID 19874101186
 MY COMMISSION EXPIRES MAY 01, 2018

Notary Public Pamela M Johnson

My Commission Expires May 01, 2018



GEOPHYSICAL EXPLORATION PERMIT
 INDUSTRIAL COMMISSION OF NORTH DAKOTA
 OIL AND GAS DIVISION
 600 EAST BOULEVARD DEPT 405
 BISMARCK, ND 58505-0840
 SFN 51459 (02-2008)



1) a. Company Halliburton Energy Services		Address 10200 Bellaire, Houston, TX 77072	
Contact Mark Miller	Telephone 832-247-7608	Fax 713-702-6761	
Surety Company Westchester Fire Insurance Company	Bond Amount \$25,000	Bond Number K08358977	
2) a. Subcontractor(s) Halliburton		Address 10200 Bellaire, Houston, TX 77072	
b. Subcontractor(s)		Telephone 713-702-6761	
c. Subcontractor(s)		Address	
3) Party Manager Mark Miller		Address (local) PO Box 2266, Williston, ND 58802	
Telephone (local) 832-247-7608			
4) Project Name or Line Numbers Dilland VSP			
5) Exploration Method (Shot Hole, Non-Explosive, 2D, 3D, Other) Non-Explosive			
6) Approximate Start Date May 26, 2010		Approximate Completion Date June 3, 2010	

THE COMMISSION MUST BE NOTIFIED AT LEAST 24 HOURS IN ADVANCE OF COMMENCEMENT OF DRILL/PLUG OPERATIONS

7) Location of Proposed Project - County Williams					
Section(s), Township(s) & Range(s)	Section 26, 24, 25, 35, 36	T.	156	R.	96
	Section 30, 31	T.	156	R.	95
	Section	T.		R.	
	Section	T.		R.	
8) Size of Hole 3-D	Amt of Charge	Depth	Source points per sq. mi. 3	No. of sq. mi. 6	9) Must supply latitudes and longitudes of post-plot source and receiver points on an SD card.
Size of Hole 2-D	Amt of Charge	Depth	Source points per ln. mi. 3	No. of ln. mi. 6	

10) Anticipated special drilling and plugging procedures?
N/A

11) Enclose a pre-plot map with proposed location of seismic program lines and powder mag.

Attached		
Signed <i>Robert Voris</i>	Title <i>Geophysical Advisor</i>	Date <i>May 26, 2010</i>
(This space for State office use)		Conditions of Approval if any <i>see attached letter</i>
Permit No. <i>970192</i>	Approval Date <i>5-26-10</i>	
Approved by <i>Yathal Ebele</i>		
Title <i>Petroleum Resource Specialist</i>		
County Approval Sent <i>Williams</i>		

*See Instructions On Reverse Side

Oil and Gas Division

Lynn D. Helms - Director Bruce E. Hicks - Assistant Director

Department of Mineral Resources

Lynn D. Helms - Director

North Dakota Industrial Commission

www.oilgas.nd.gov



May 26, 2010

Mr. Mark Miller
Halliburton Energy Services
PO Box 2266, Williston, ND 58802
Williston, ND 58802

RE: Dilland VSP
Geophysical Exploration Permit #97-0192
Williams County

Dear Mr. Miller:

Please be advised that we are in receipt of your Geophysical Exploration permit application and it is conditionally approved; effective for one year from May 26, 2010.

Review the following conditions for your permit:

1. A pre-program meeting with state seismic inspector Tom Torstenson may be required. You must contact him at 701-290-1546 (cell) or 701-227-7436 at least 24 hours prior to any exploration operations.
2. All variances for distance restrictions are to be furnished, and a pre-plot map displaying any source points that do not comply with the distance restriction rule must be supplied to the inspector.
3. The following information must be submitted within 30 days of the completion of the project by the Geophysical Company:
 - a. Completion Report,
 - b. Completion Affidavit,
 - c. Post Plot Map. It must show all water wells, buildings, underground cisterns, pipelines, and flowing springs that fall within the program area and within one half mile of the perimeter of the program.
 - d. SD card with all source and receiver points,
 - e. Letter stating that the Geophysical Company has given all surface owner's a copy of the Section and Chapter of the NDCC as stated in paragraph 5.
4. The following information must be submitted within 30 days of the completion of the project by the SUBCONTRACTOR(s) (when applicable):
 - a. Plugging Report
 - b. Plugging Affidavit

5. It is required that within seven days of initial contact between the permitting agent and the operator of the land, the permitting agent shall provide the operator of the land and each landowner owning land within one-half mile of the land on which geophysical exploration activities are to be conducted a written copy of NDCC Section 38-08.1-04.1 (Exploration Permit) and NDCC Chapter 38-11.1 (Oil and Gas Production Damage Compensation). The permitting agent shall file an affidavit with this office confirming compliance with such notification. For your convenience, a copy of both Sections are enclosed.
6. The permit agent shall notify the operator of the land at least seven days before commencement of any geophysical exploration activity, unless waived by mutual agreement of both parties. The notice must include the approximate time schedule and the location of the planned activity.
7. Information regarding the location of water wells, springs, etc.; refer to the following ND State Water Commission Mapservice website, at: <http://mapservice.swc.state.nd.us/>
8. The entire permit can be viewed, as well as the status of various seismic projects in the state, at: <https://www.dmr.nd.gov/oilgas/seismic/seismicstats.asp>

Should you have any questions regarding this matter, feel free to contact me at 701-328-8020, or Tom Torstenson at the number listed in paragraph 1.

Sincerely,



Nathaniel Erbele
Petroleum Resource Specialist

Oil and Gas Division

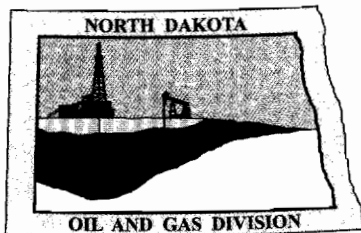
Lynn D. Helms - Director Bruce E. Hicks - Assistant Director

Department of Mineral Resources

Lynn D. Helms - Director

North Dakota Industrial Commission

www.oilgas.nd.gov



May 26, 2010

The Honorable Beth Innis
Williams County Auditor
P.O. Box 2047
Williston, ND 58802-2047

RE: Geophysical Exploration
 Permit #97-0192

Dear Ms. Innis:

Pursuant to Section 38-08.1-04.2 of the North Dakota Century Code, please be advised that Halliburton Energy Services. was issued the above captioned permit on May 26, 2010 and will remain in effect for a period of one year. The entire permit can be viewed on our website at: <https://www.dmr.nd.gov/oilgas/seismic/seismicstats.asp>

Should you have any questions, please contact our office.

Sincerely,



Nathaniel Erbele
Petroleum Resource Specialist