

SELF-CERTIFICATION STATEMENT
FROM LESSEE/OPERATOR

SURFACE OWNER IDENTIFICATION

Well(s) Number and Location:

CCU Golden Creek 34-23MBH and the CCU Golden Creek 24-23MBH wells located in the NW/4NE/4 of Section 26, T147N-R95W, Dunn County, North Dakota.

I hereby certify that I have reached one of the following agreements with the Surface Owner:

- 1) _____ I have a signed access agreement to enter the leased lands;
- 2) _____ I have a signed waiver from the surface owner;
- 3) X I have an executed surface damage agreement from the surface owner regarding compensation for damages for loss of crops and tangible improvements.

Surface Owner Information:

Surface Owner Name: Delry Schwalbe
Surface Owner Address: [REDACTED]
Surface Owner Phone Number: [REDACTED]

Signed this 1st day of April 2015.

 Dan Flack
Dan Flack, PTRRC Agent
Burlington Resources Oil and Gas Company LP

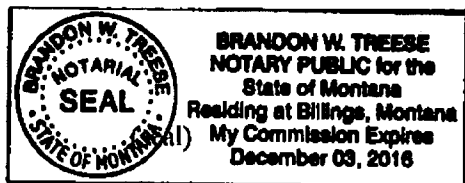
STATE OF MONTANA §

COUNTY OF YELLOWSTONE §

On this 1st day of April , in the year 2015, before me, personally appeared, Dan Flack, known to me to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same.

 [Signature]

Notary Public in and for The State of North Dakota
Printed Name: BRANDON W. TREESE
Residing in: Billings Montana



MY COMMISSION EXPIRES: Dec 3, 2016



PERMIT NAME (Required): COP Golden Creek

PERMIT NUMBER: 97-0236

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.

[Signature]
 Geophysical Contractor Representative

Subscribed in my presence and sworn before me this 5th day of March, 2015.

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

Notary Public [Signature]

My Commission Expires May 01, 2018



GEOPHYSICAL EXPLORATION COMPLETION REPORT - FORM GE 6A

INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
600 EAST BOULEVARD DEPT 405
BISMARCK, ND 58505-0840
SFN 51456 (03-2011)

Permit No. 97-0236	
Shot Hole Operations	*Non-Explosive Operations Yes

SECTION 1

Geophysical Contractor Halliburton Energy Services	
Project Name and Number COP Golden Creek	County(s) Dunn
Township(s) S26 T147	Range(s) R95W
Drilling and Plugging Contractors	
Date Commenced March 26, 2013	Date Completed March 29, 2013

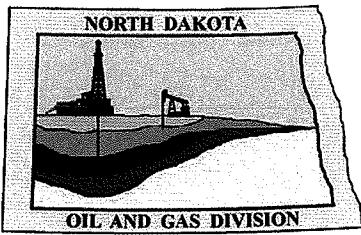
SECTION 2

First S.P. #												Last S.P. #
Loaded Holes (Undetonated Shot Points)												
S.P.#s												
Charge Size												
Depth												
Reasons Holes Were Not Shot												

SECTION 3

Flowing Holes and/or Blowouts S.P.#s
Procedure for Plugging Flowing Holes and/or Blowouts
Include a 7.5 minute USGS topographic quadrangle map or a computer generated post-plot facsimile of the approximate scale displaying each individual shot hole, SP #, line #, and legal location.

*Non-Explosive Operations - Complete Section 1 and Affidavit (Form GE 6B).



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.dmr.nd.gov/oilgas

MARCH 21, 2013

MR. PRICE STARK
HALLIBURTON
15579 E. HINSDALE CIR.
STE 102
CENTENNIAL, CO 80112-6900

RE: COP GOLDEN CREEK
GEOPHYSICAL EXPLORATION PERMIT # 97-0236
DUNN COUNTY
NON EXPLOSIVE METHOD

Dear Mr. Stark:

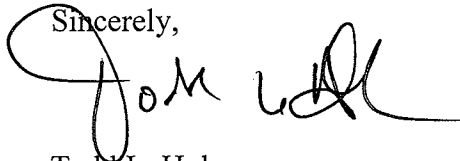
Please be advised that we are in receipt of your Geophysical Exploration (noise attenuation test) permit application and it is conditionally approved; effective for one year from MARCH 21, 2013. **PURSUANT TO NDAC 43-02-12-05 (DISTANCE RESTRICTION) non-explosive exploration method may not be conducted not less than 300 feet from a water well, building, underground cistern, pipelines, and flowing spring.** Review the following conditions for your permit:

1. A pre-program meeting with state seismic inspector Tom Torstenson is required. You must contact him at 701-290-1546 (cell) or 701-227-7436 at least 24 hours prior to any exploration operations. Also, a copy of the entire permit is required for all contractors at the pre-program meeting.
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 or email: ttorstenson@nd.gov 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,

A handwritten signature in black ink, appearing to read "Todd L. Holweger". The signature is stylized with a large initial "T" and "H".

Todd L. Holweger
DMR Permit Manager



GEOPHYSICAL EXPLORATION PERMIT - FORM GE 1

INDUSTRIAL COMMISSION OF NORTH DAKOTA
 OIL AND GAS DIVISION
 600 EAST BOULEVARD DEPT 405
 BISMARCK, ND 58505-0840
 SFN 51459 (03-2011)



1) a. Company Halliburton		Address 15579 E Hindsale Cir. Suite 102 Centennial, CO 80112			
Contact Price Stark		Telephone 303-579-2088		Fax 303-766-4306	
Surety Company Westchester Fire Insurance Company		Bond Amount \$25,000		Bond Number K08358977	
2) a. Subcontractor(s)		Address		Telephone	
b. Subcontractor(s)		Address		Telephone	
3) Party Manager Michael Brandt		Address (local)		Telephone (local) 303-242-1571	
4) Project Name or Line Numbers COP Golden Creek					
5) Exploration Method (Shot Hole, Non-Explosive, 2D, 3D, Other) Non-explosive					
6) Distance Restrictions (Must check all that apply)					
<input checked="" type="checkbox"/> 300 feet - NonExplosive - Distance setbacks apply to water wells, buildings, underground cisterns, pipelines, and flowing springs.					
<input type="checkbox"/> 660 feet - Shot Hole - Distance setbacks apply to water wells, buildings, underground cisterns, pipelines, and flowing springs.					
7) Size of Hole	Amt of Charge	Depth	Source points per sq. mi.	No. of sq. mi.	
3-D					
Size of Hole	Amt of Charge	Depth	Source points per ln. mi.	No. of ln. mi.	
2-D			5		
8) Approximate Start Date March 28, 2013			Approximate Completion Date March 28, 2013		

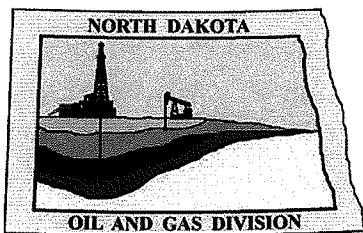
THE COMMISSION MUST BE NOTIFIED AT LEAST 24 HOURS IN ADVANCE OF COMMENCEMENT OF GEOPHYSICAL OPERATIONS

9) Location of Proposed Project - County Dunn						
Section(s), Township(s) & Range(s)	Section	21	T.	147	R.	95
	Section	29	T.	147	R.	95
	Section	15	T.	147	R.	95
	Section	16	T.	147	R.	95
	Section		T.		R.	
	Section		T.		R.	

I hereby swear or affirm that the information provided is true, complete and correct as determined from all available records.			Date March 14, 2013
Signature 	Printed Name Price Stark	Title Rockies Project Manager	
Email Address(es) price.stark@halliburton.com			

(This space for State office use)		<p>Permit Conditions</p> <ul style="list-style-type: none"> * Permit in hand required at pre-program meeting with field inspector and be aware of all NDIC Rules and Regulations (i.e. distance restrictions). * See attached letter.
Permit No. 970236	Approval Date 3/21/2013	
Approved by	Title Mineral Resources Permit Manager	

*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.dmr.nd.gov/oilgas

MARCH 21, 2013

The Honorable Reinhard Hauck
Dunn County Auditor
205 Owens Street
Manning, ND 58642-0105

RE: Geophysical Exploration
 Permit #97-0236

Dear Mr. Hauck:

Pursuant to Section 38-08.1-04.2 of the North Dakota Century Code, please be advised that HALLIBURTON was issued the above captioned permit on MARCH 21, 2013 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,

Todd L. Holweger
DMR Permit manager

Holweger, Todd L.

From: Price Stark <price.stark@pinntech.com>
Sent: Wednesday, March 20, 2013 11:29 AM
To: Holweger, Todd L.
Cc: Michael Brandt; Cody Candler
Subject: COP Golden Creek Vibes

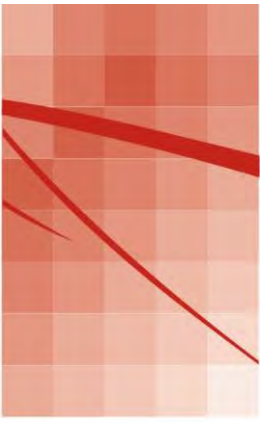
Todd,

I wanted to email to say that our intention is to vibrate 5 locations, three of them on lease roads and two of them on ConocoPhillips' well pads. We will not vibrate on any county roads during the operation. If there are any concerns please let Michael Brandt, Cody Candler or myself know. Thank you.

Sincerely,
Price

Price Stark | Project Manager | Pinnacle - a Halliburton Service | c: 303-579-2088 | o: 303-571-8295

This e-mail, including any attached files, may contain confidential and privileged information for the sole use of the intended recipient. Any review, use, distribution, or disclosure by others is strictly prohibited. If you are not the intended recipient (or authorized to receive information for the intended recipient), please contact the sender by reply e-mail and delete all copies of this message.



3/15/2013

Mr. Todd Holweger
NDIC
tholweger@nd.gov



Pinnacle Microsesimic will be performing a vibe orientation for the upcoming treatment of the Golden Creek No. 24-23MBH and 34-23MBH lateral wells in Dunn County, ND (S26, T147, R95W). The expected timeframe for this operation is from March 22nd through March 31st 2013.

Pinnacle will rig-in a geophone toolstring in the nearby Golden Creek No. 33-23PH vertical well on March 22, 2013. These geophones require a known signal source to orient themselves to the physical world around them which will be accomplished using surface vibroseis signals.

This process will involve the use of a mini-vibroseis unit to perform 3, 12 second vibroseis sweeps at several locations in the surrounding area. An image of the vibroseis unit is provided in Figure 1. For the purposes of this project all vibe locations are on existing well pads and access roads. These vibe locations and their relative positions to the treatment and observation wells are provided below in Figure 2.

Due to the unknown nature of field operations the vibroseis orientation may need to be repeated during the fracture treatment if mechanical issues force the geophone toolstring to be replaced. This will involve a repeat of the same 12 second vibroseis sweeps at the same locations.

Price Stark
Pinnacle - A Halliburton Service
15579 E. Hinsdale Cir. Ste 102
Centennial, CO 80112-6900
Phone: 303.579.2088
Fax: 303.766.4306
price.stark@pinntech.com
www.pinntech.com



Figure 1





Figure 2

If there are any questions or concerns please contact me.

Sincerely,

Price Stark
Rockies Project Manager
Pinnacle – a Halliburton Service
C: 303-579-2088
price.stark@pinntech.com

VIBE LOCATION PLAT

Burlington Resources, Inc.

P.O. Box 877 Baker, Montana 59313
3300 North A Street, Building 6, Midland, Texas 79705-5406

CCU Vibe Locations #1 & #2

1188 feet from the south line and 2360 feet from the east line (#1 surface location)
1083 feet from the south line and 450 feet from the east line (#2 surface location)

Section 21, T. 147 N., R. 95 W., 5th P.M.

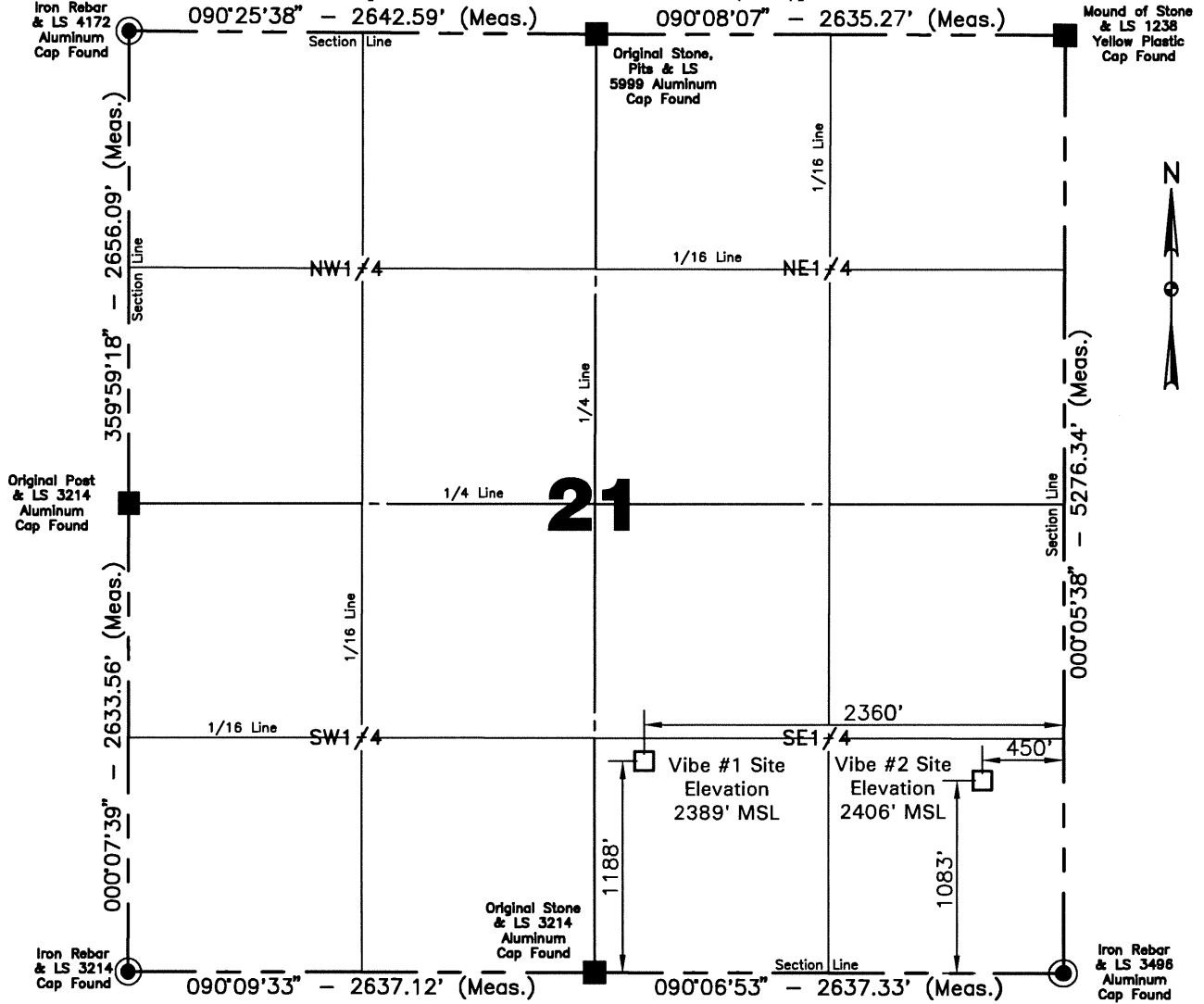
Dunn County, North Dakota

Surface owner @ well site - Shirley Kleemann

Latitude 47°32'04.025" North; Longitude 102°47'19.986" West (#1 surface location)

Latitude 47°32'02.947" North; Longitude 102°46'52.155" West (#2 surface location)

[Derived from OPUS Solution NAD-83(2011)]



Scale 1"=1000'

Confidentiality Notice: The information contained on this plat is legally privileged and confidential information intended only for the use of recipients. If you are not the intended recipients, you are hereby notified that any use, dissemination, distribution or copying of this information is strictly prohibited.

I, Quentin Ogrigewitsch, Professional Land Surveyor, N.D. No. 5999, do hereby certify that the survey plat shown hereon was made by me, or under my direction, from notes made in the field, and the same is true and correct to the best of my knowledge and belief.

NOTE: All land corners are assumed unless otherwise noted. The well location shown hereon is not an as-built location.

Brian Schmalz

10/16/2012

Surveyed By N.D.P.L.S. # 6809

Date

Vertical Control Datum Used
North American Vertical Datum 1988 (NAVD 88)
Based on elevation derived from OPUS Solution on
GPS *21-147-95 (iron rebar) Located a distance of 767.34' on
an azimuth of 057°20'54" from the SW corner of Section 21,
T.147N., R.95W., 5th P.M. being at 2411.55' Elevation MSL.

Professional Consulting Engineers
and Surveyors
Registered in
North Dakota, South Dakota
Montana, Wyoming & Minnesota
Tele-Fax No. 701-483-2795
Bus. Phone No. 701-483-1284
P.O. Box 290
677 27th Ave. East
Dickinson, North Dakota 58602
Certificate of Authorization #C-061

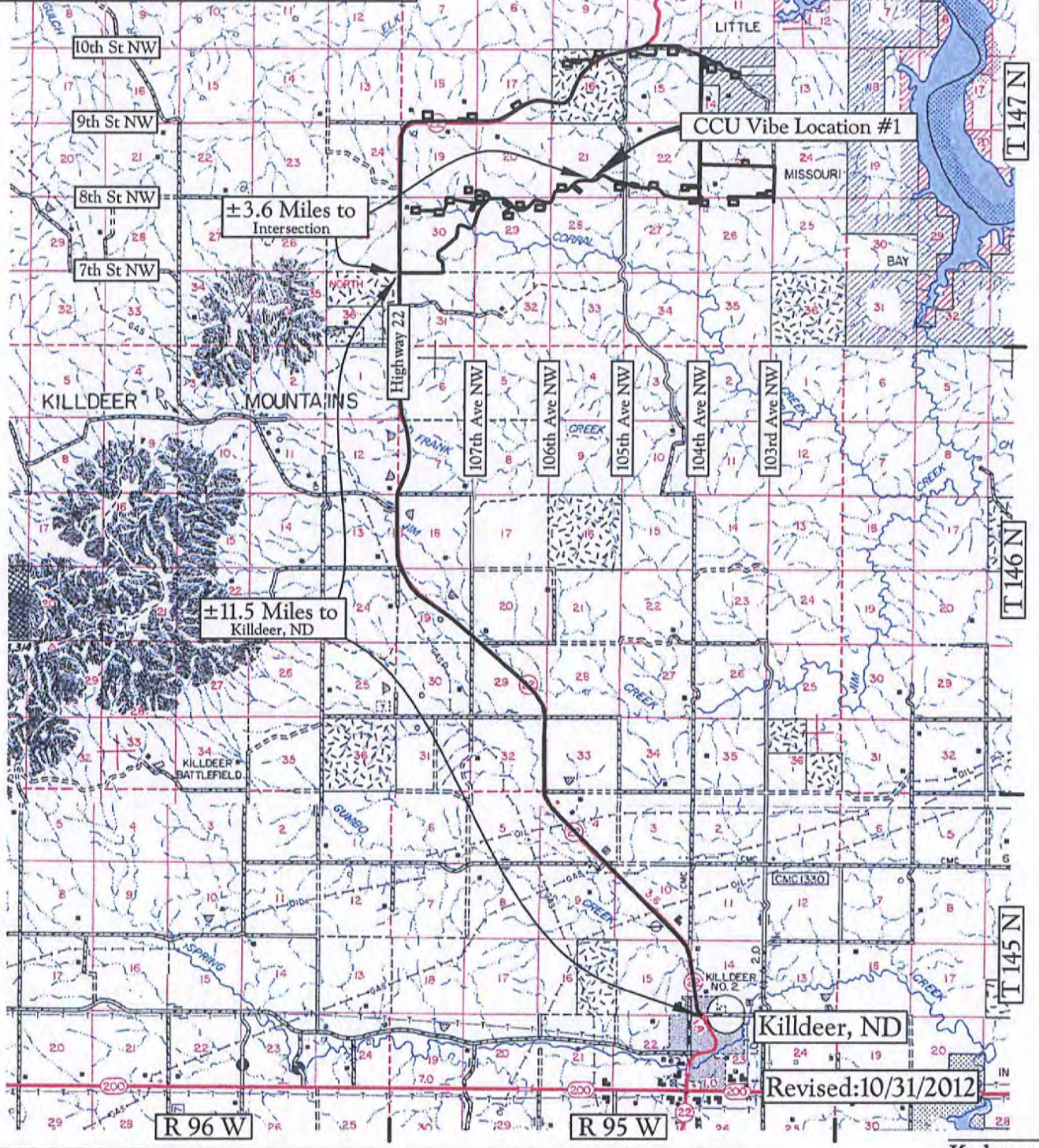


Kadmas
Lee &
Jackson
Engineers Surveyors
Planners

Project No. 37121214, 37121215
Book OW-306 Pg. 5-6 Staking

Burlington Resources, Inc.
CCU Vibe Location #1
 1188' FSL & 2360' FEL
 SW1/4SE1/4, Section 21
 T.147N., R.95W., 5th P.M.
 Dunn County, North Dakota

Confidentiality Notice: The information contained on this plot is legally privileged and confidential information intended only for the use of recipients. If you are not the intended recipients, you are hereby notified that any use, dissemination, distribution or copying of this information is strictly prohibited.



Map "A"
County Access Route

Legend
 Existing Roads —————
 Proposed Roads - - - - -

Scale 1" = 2 Miles
Kadmas Lee & Jackson
 Engineers Surveyors Planners

Kildeer, ND
 Revised: 10/31/2012

Burlington Resources, Inc.
CCU Vibe Location #1
1188' FSL & 2360' FEL
SW1/4SE1/4, Section 21
T.147N., R.95W., 5th P.M.
Dunn County, North Dakota

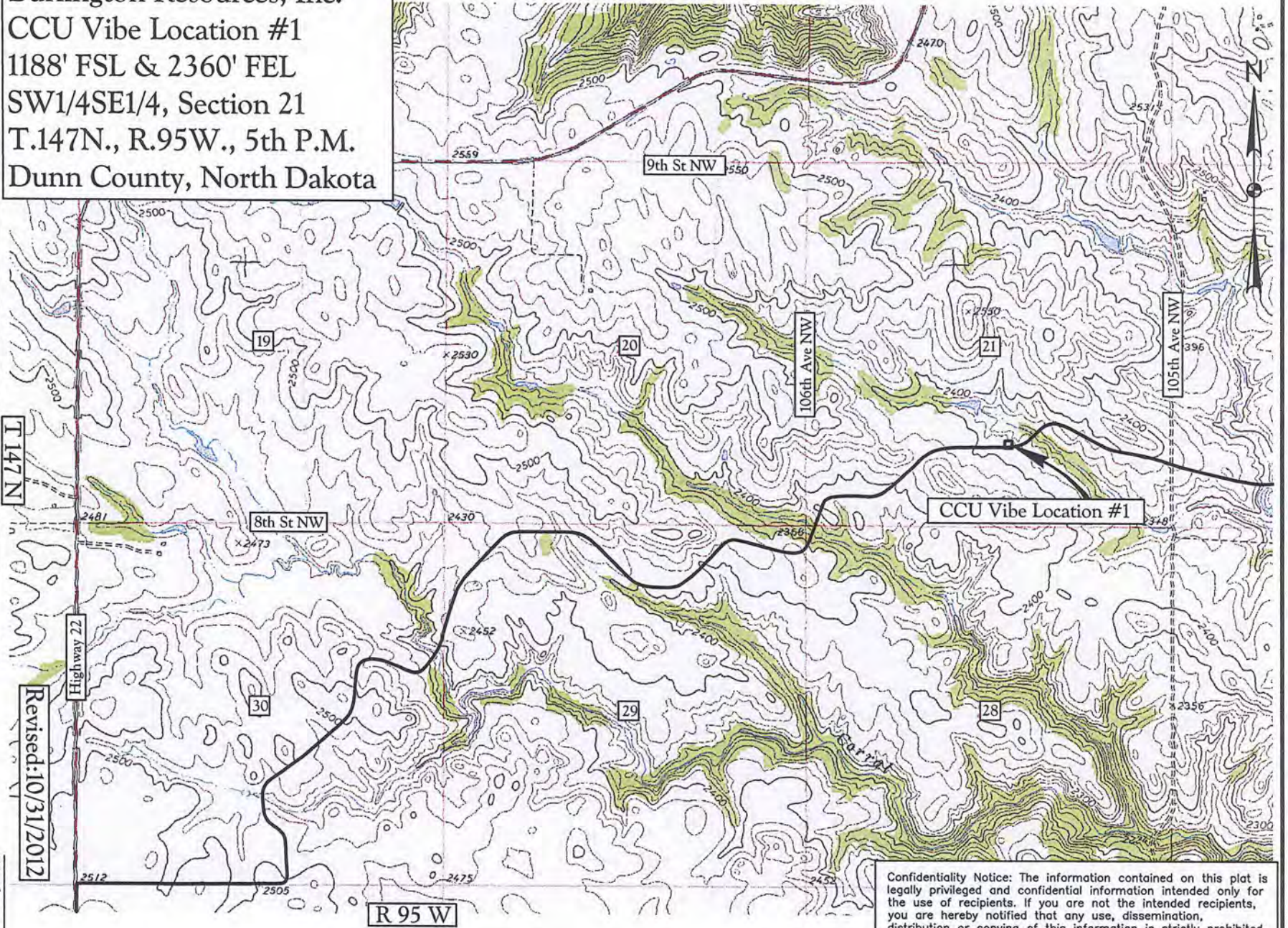
Map "B"
Quad Access Route

Legend
Existing Roads ———
Proposed Roads - - - - -

Scale 1"=2000'

Kadmas
Lee &
Jackson
Engineers Surveyors
Planners

Revised:10/31/2012



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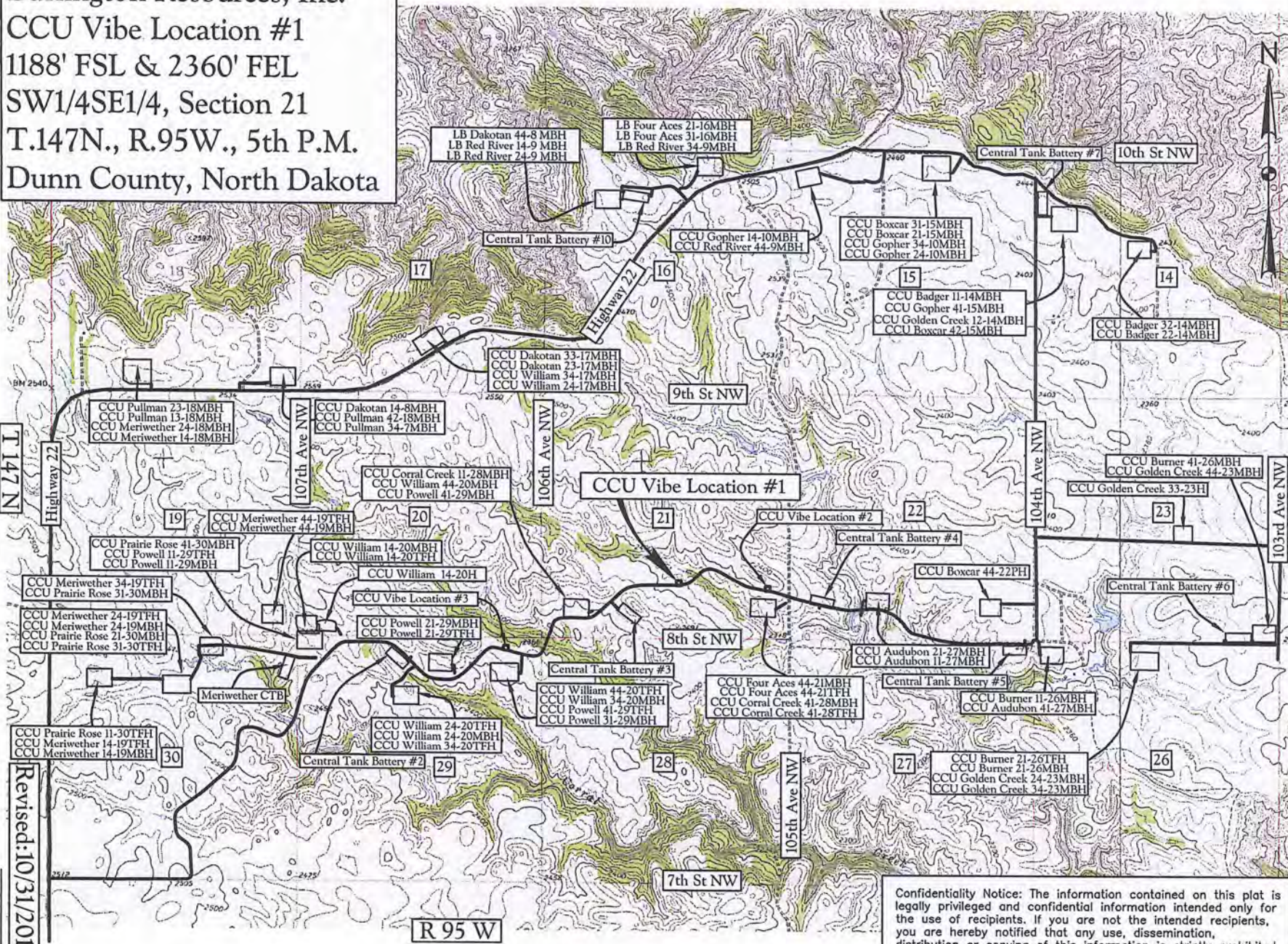
Map "B"

Existing Roads
Proposed Roads

Legend

Scale 1" = 3000'

Burlington Resources, Inc.
CCU Vibe Location #1
1188' FSL & 2360' FEL
SW1/4SE1/4, Section 21
T.147N., R.95W., 5th P.M.
Dunn County, North Dakota



Revised: 10/31/2012

R 95 W

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Kadmas
Lee &
Jackson
Engineers Surveyors
Planners

VIBE LOCATION PLAT

Burlington Resources, Inc.

P.O. Box 877 Baker, Montana 59313
3300 North A Street, Building 6, Midland, Texas 79705-5406

CCU Vibe Location #3

238 feet from the north line and 795 feet from the east line (surface location)

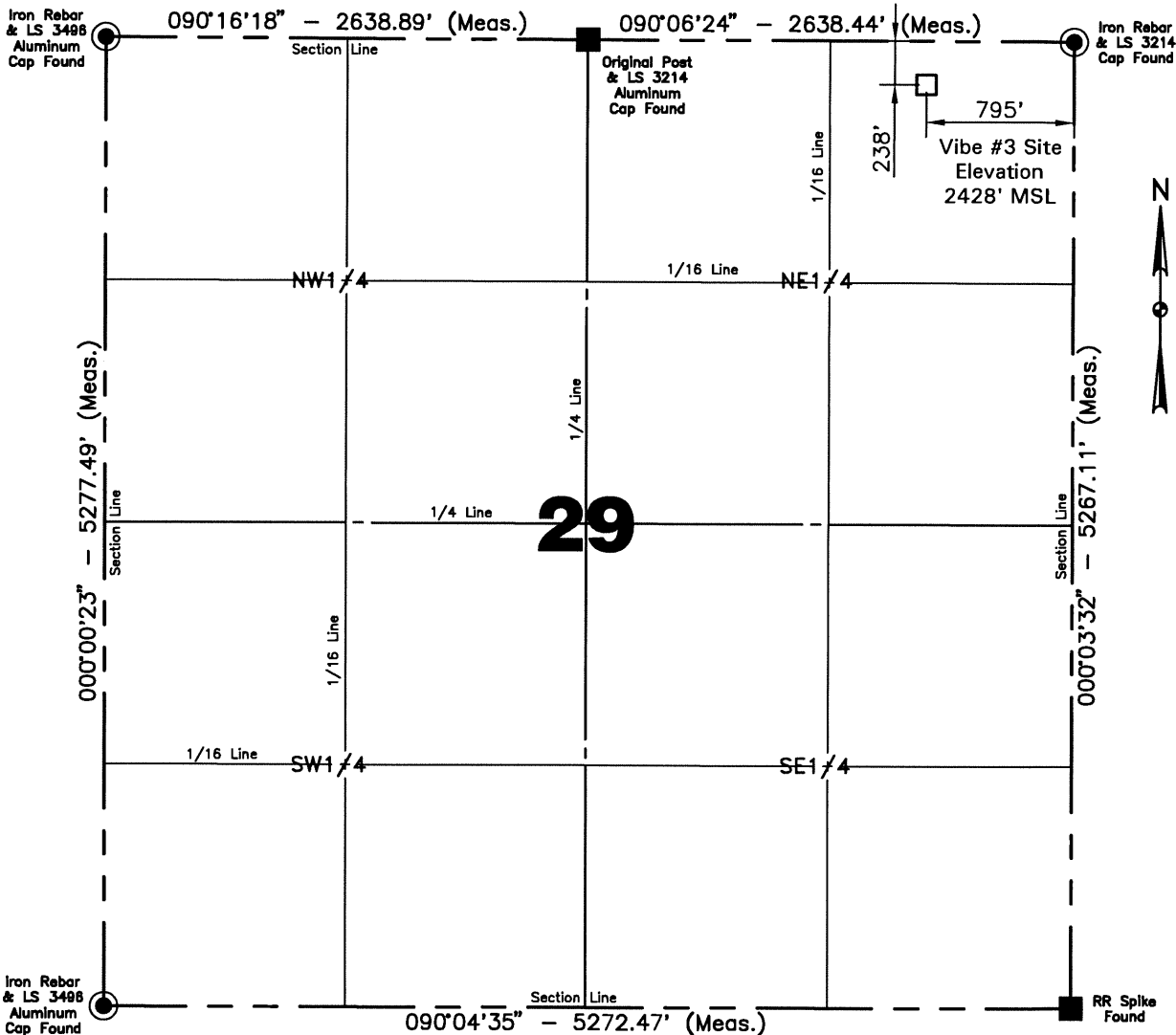
Section 29, T. 147 N., R. 95 W., 5th P.M.

Dunn County, North Dakota

Surface owner @ well site - Rick Rice

Latitude 47°31'50.032" North; Longitude 102°48'14.060" West (surface location)

[Derived from OPUS Solution NAD-83(2011)]



Scale 1"=1000'

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I, Quentin Obrigewitsch, Professional Land Surveyor, N.D. No. 5999, do hereby certify that the survey plat shown hereon was made by me, or under my direction, from notes made in the field, and the same is true and correct to the best of my knowledge and belief.

NOTE: All land corners are assumed unless otherwise noted. The well location shown hereon is not an as-built location.

Brian Schmalz

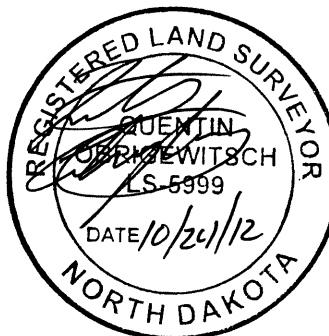
10/16/2012

Surveyed By N.D.P.L.S. # 6809

Date

Vertical Control Datum Used
North American Vertical Datum 1988 (NAVD 88)
Based on elevation derived from OPUS Solution on GPS*21-147-95 (iron rebar) Located a distance of 767.34' on an azimuth of 057°20'54" from the NE corner of Section 29, T.147N., R.95W., 5th P.M. being at 2411.55' Elevation MSL.

Professional Consulting Engineers and Surveyors
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Certificate of Authorization #C-061

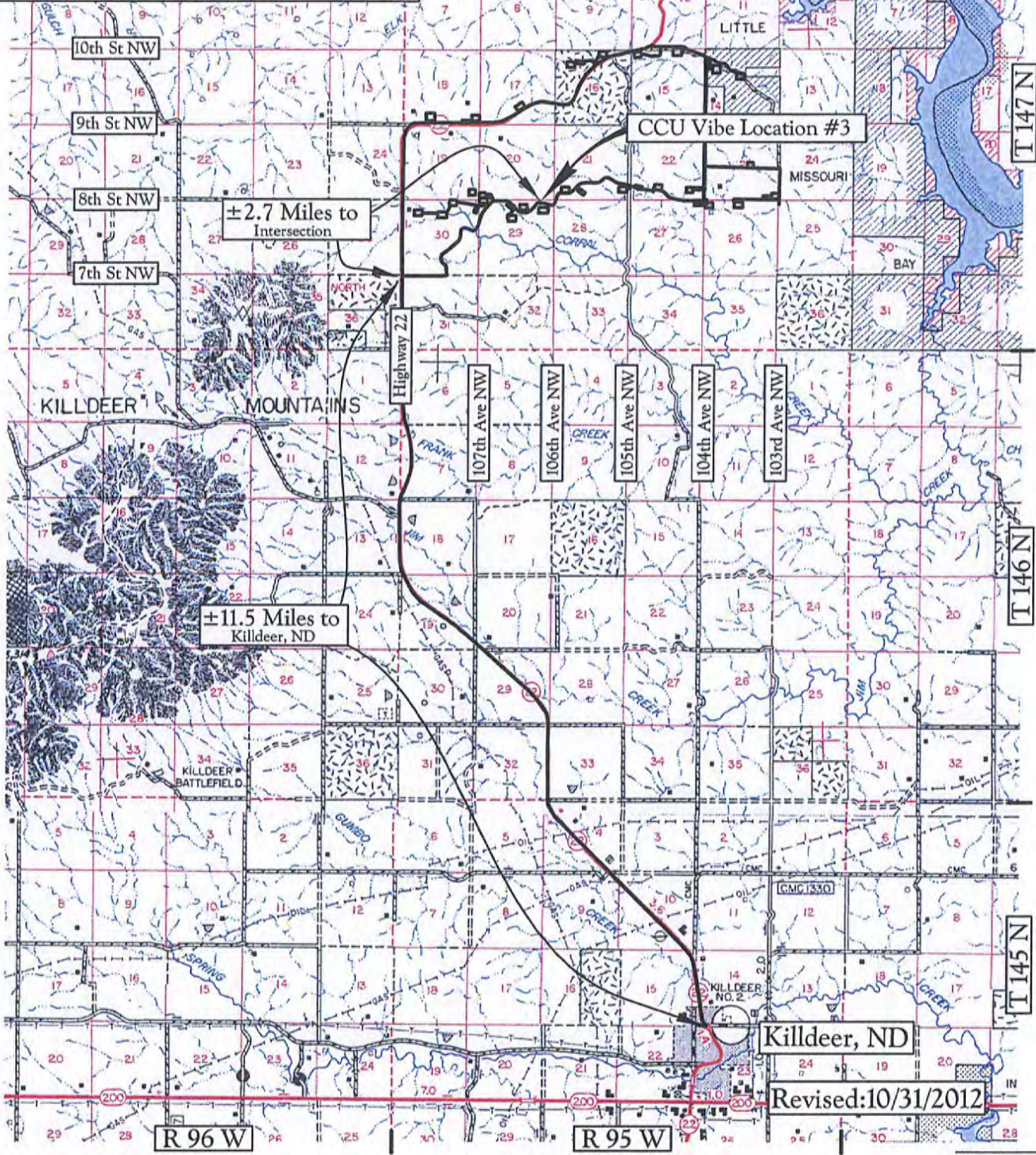


Kadmas
Lee &
Jackson
Engineers Surveyors
Planners

Project No. 37121216
Book OW-306 Pg. 5-6 Staking

Burlington Resources, Inc.
 CCU Vibe Location #3
 238' FNL & 795' FEL
 NE1/4NE1/4, Section 29
 T.147N., R.95W., 5th P.M.
 Dunn County, North Dakota

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Map "A"
 County Access Route

Legend
 Existing Roads —————
 Proposed Roads - - - - -

Kadmas
 Lee &
 Jackson
 Engineers Surveyors
 Planners
 Scale 1" = 2 Miles

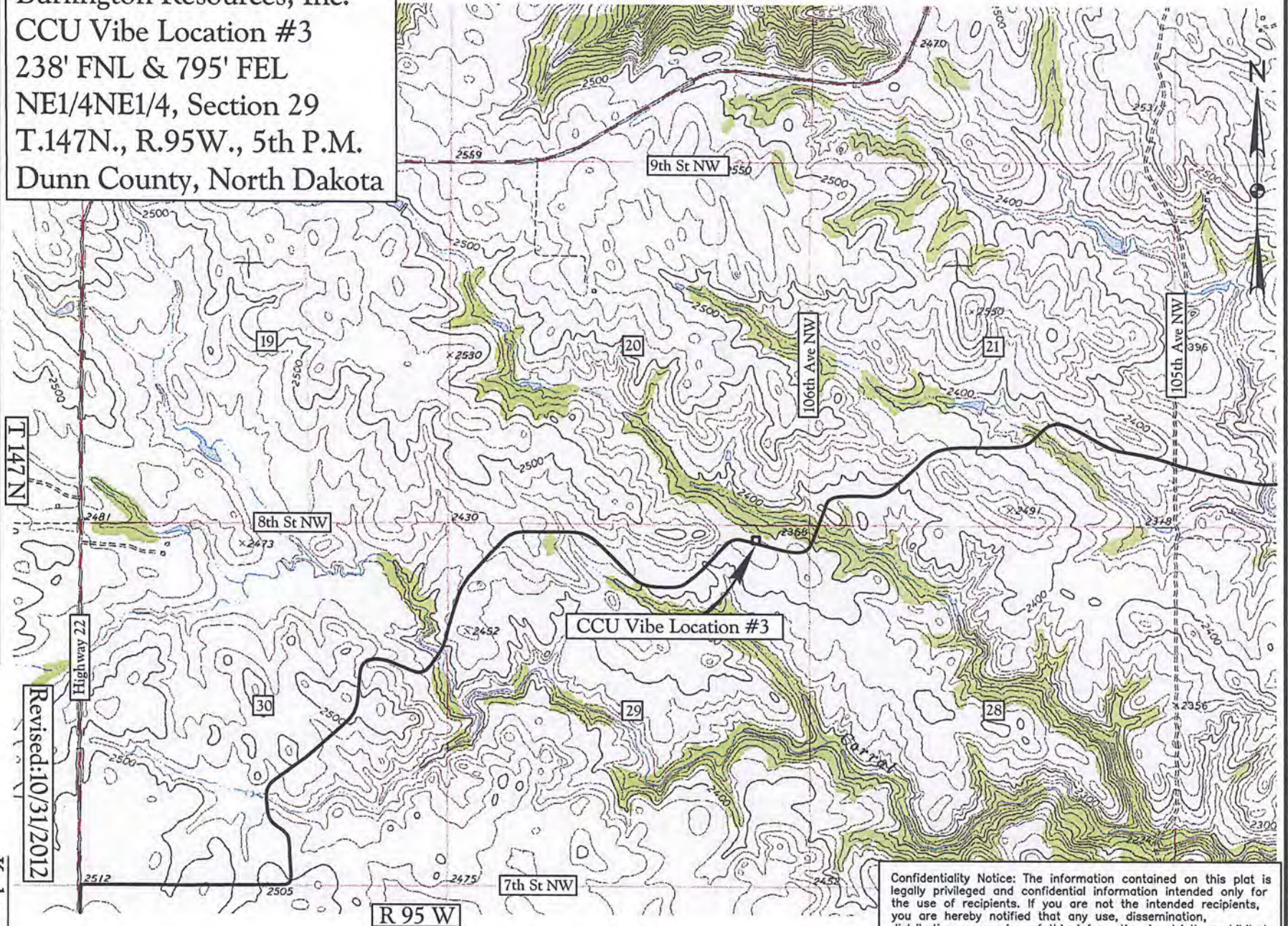
Revised: 10/31/2012

Burlington Resources, Inc.
CCU Vibe Location #3
238' FNL & 795' FEL
NE1/4NE1/4, Section 29
T.147N., R.95W., 5th P.M.
Dunn County, North Dakota

Map "B"
Quad Access Route

Legend
Existing Roads ———
Proposed Roads - - - - -

Scale 1" = 2000'
Revised: 10/31/2012
Kadmas Lee & Jackson
Engineers Surveyors
Planners



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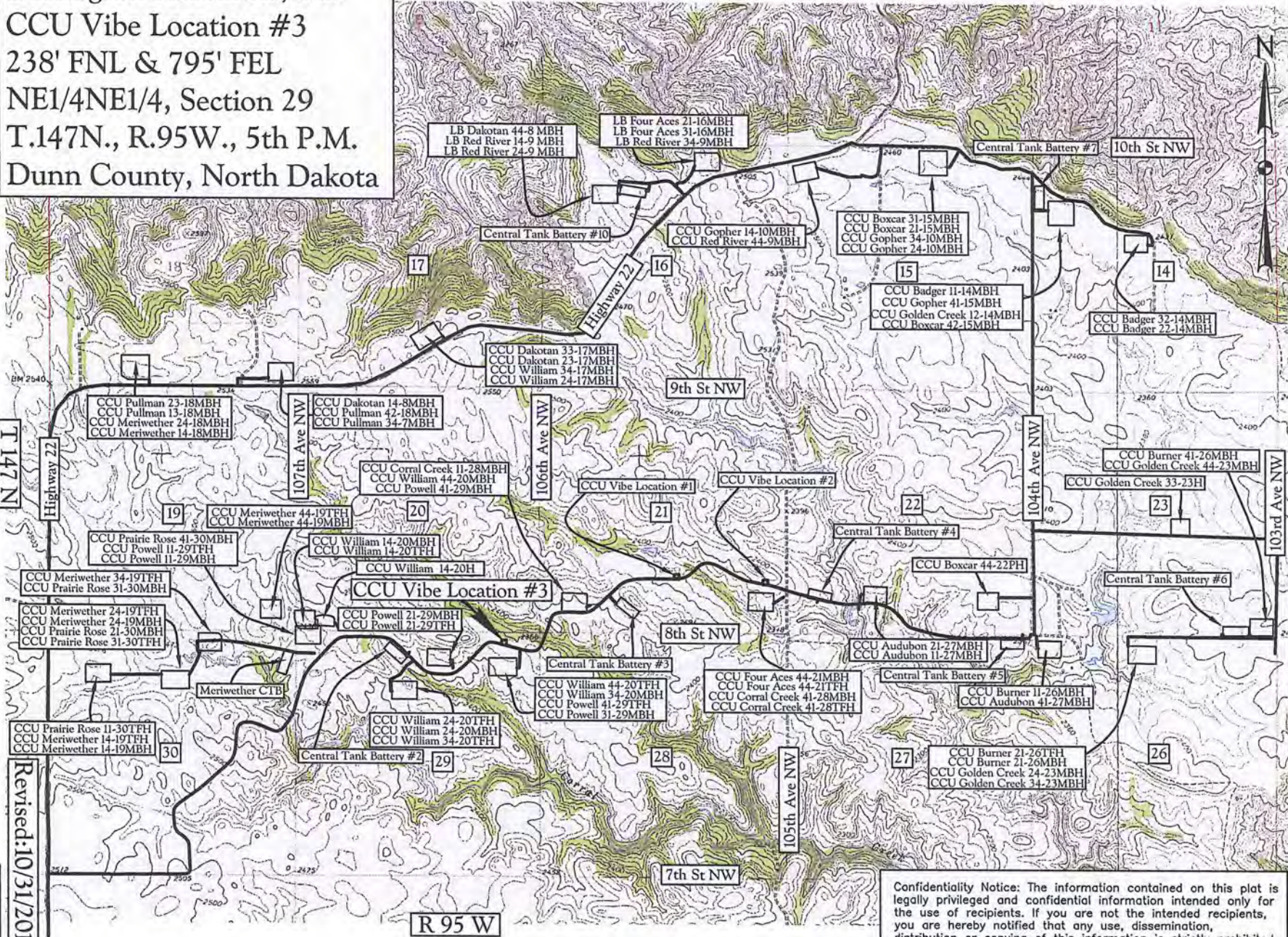
Map "B"

Existing Roads
Proposed Roads

Legend

Scale 1" = 3000'

Burlington Resources, Inc.
CCU Vibe Location #3
238' FNL & 795' FEL
NE1/4NE1/4, Section 29
T.147N., R.95W., 5th P.M.
Dunn County, North Dakota



Revised: 10/31/2012

R 95 W

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Kadmas
Lee &
Jackson
Registered Surveyors
Planners

WELL LOCATION PLAT

Burlington Resources, Inc.

P.O. Box 877 Baker, Montana 59313
 3300 North A Street, Building 6 Midland, Texas 79705-5406

Boxcar #21-15H

325 feet from the north line and 1465 feet from the west line (surface location)

Section 15, T. 147 N., R. 95 W., 5th P.M.

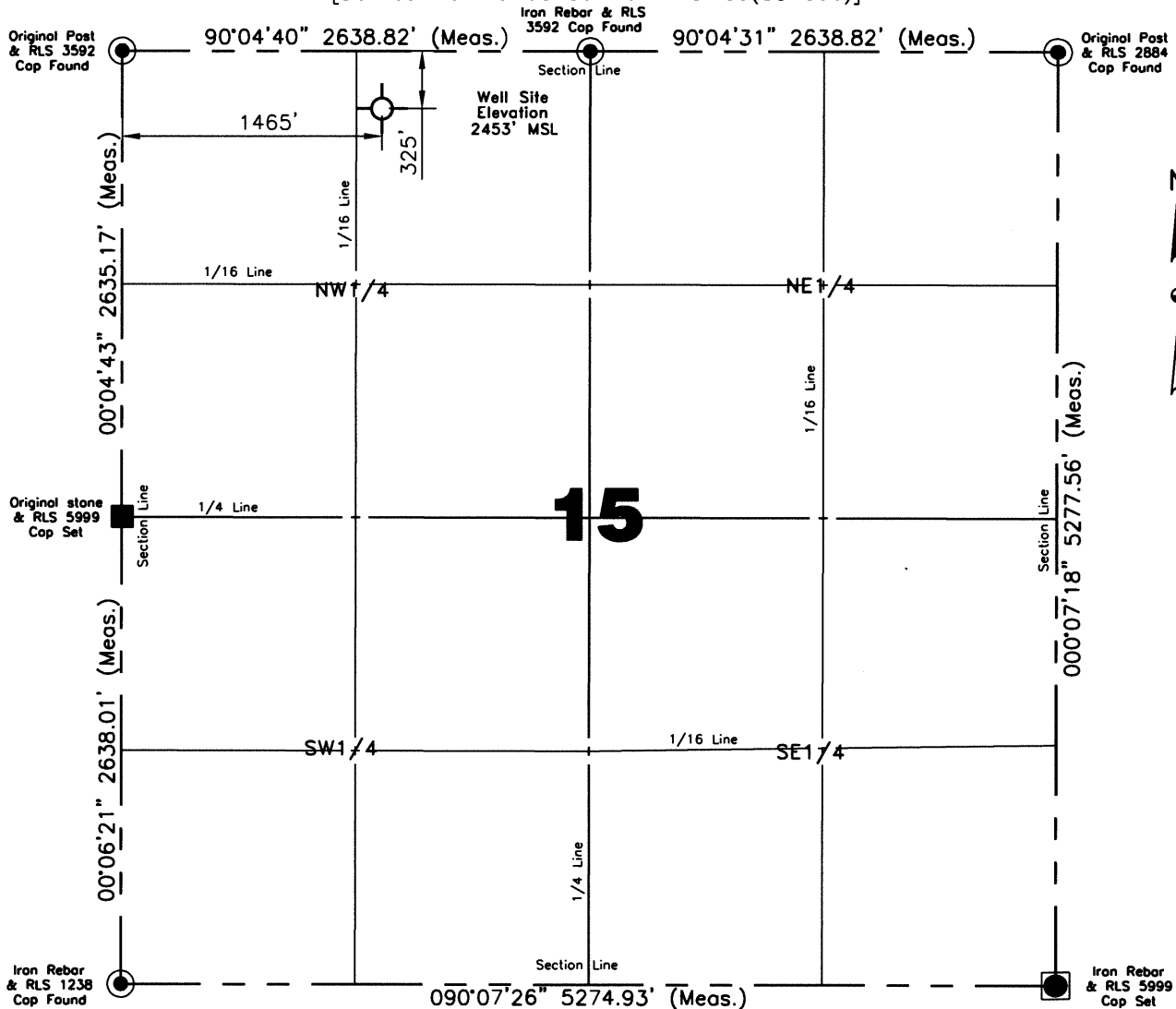
Section 22, T. 147 N., R. 95 W., 5th P.M. (bottom hole location)

Dunn County, North Dakota

Surface owner @ well site - Tom & Twila Benz

Latitude 47°33'33.13" North; Longitude 102°46'24.04" West (surface location)

[Derived from OPUS Solution NAD-83(CORS96)]



15

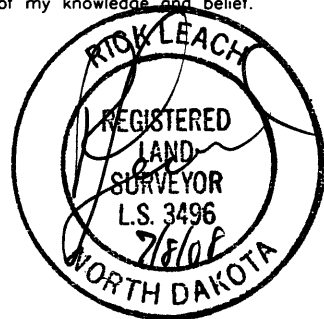
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Scale 1"=1000'

I, Rick Leach, Professional Land Surveyor, N.D. No. 3496, do hereby certify that the survey plot shown hereon was made by me, or under my direction, from notes made in the field, and the same is true and correct to the best of my knowledge and belief.

NOTE: All land corners are assumed unless otherwise noted. The well location shown hereon is not an as-built location.

Quentin Obrigewitsch 5/22/2008
 Surveyed By N.D.P.L.S. # 5999 Date



**Kadmas
 Lee &
 Jackson**
 Engineers Surveyors
 Planners

Vertical Control Datum Used
 Sea-Level Datum of NAVD 88
 Based on elevation derived from OPUS Solution on
 GPS* KLJ Spud 1 located a distance of 2281.49' @
 072°11'49" from the Nw corner of Section 15
 T147N., R 95W., being at 2461.03' Elevation MSL.

Professional Consulting Engineers
 and Surveyors
 Registered in
 North Dakota, South Dakota
 Montana, Wyoming & Minnesota
 Tele-Fax No. 701-483-2795
 Bus. Phone No. 701-483-1284
 P.O. Box 290
 677 27th Ave. E.
 Dickinson, North Dakota 58602
 Certificate of Authorization #C-061

Project No. 3708337
 Book OW-188 Pg. 7-24 Staking

DATE

HORIZONTAL SECTION PLAT

Burlington Resources, Inc.

P.O. Box 877 Baker, Montana 59313
 3300 North A Street, Building 6 Midland, Texas 79705-5406

Boxcar #21-15H

325 feet from the north line and 1465 feet from the west line (surface location)

Section 15, T. 147 N., R. 95 W., 5th P.M.

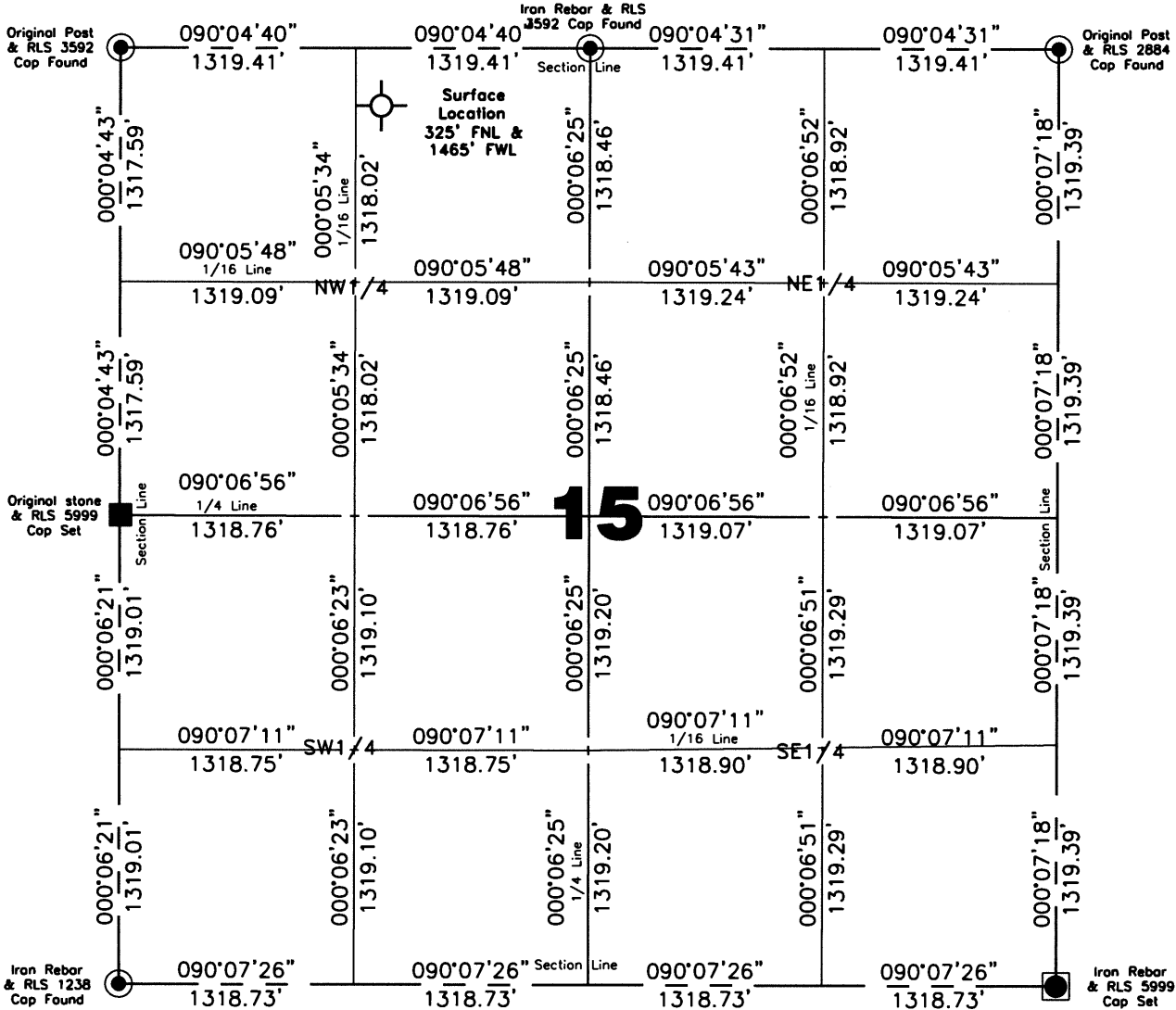
Section 22, T. 147 N., R. 95 W., 5th P.M. (bottom hole location)

Dunn County, North Dakota

Surface owner @ well site - Tom & Twila Benz

Latitude 47°33'33.13" North; Longitude 102°46'24.04" West (surface location)

[Derived from OPUS Solution NAD-83(CORS96)]

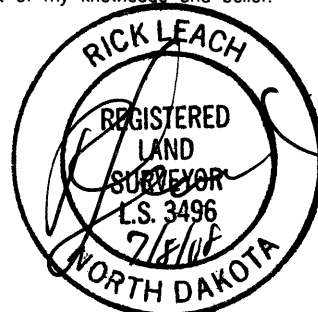


Scale 1"=1000'

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I, Rick Leach, Professional Land Surveyor, N.D. No. 3496, do hereby certify that the survey plot shown hereon was made by me, or under my direction, from notes made in the field, and the same is true and correct to the best of my knowledge and belief.

All corners shown on this plat were found in the field during Burlington Resources Boxcar #21-15H oil well survey on May 22, 2008. Distances to all others are calculated. All azimuths are based on the east line of Section 15, being on an azimuth of 000°07'18".



DATE

Kadmas
Lee &
Jackson
 Engineers Surveyors
 Planners

Surveyed By	Field Book
Q. Obrigewitsch	OW-188
Computed & Drawn By	Project No.
M. Meismer	3708337

HORIZONTAL SECTION PLAT

Burlington Resources, Inc.

P.O. Box 877 Baker, Montana 59313
 3300 North A Street, Building 6 Midland, Texas 79705-5406

Boxcar #21-15H

325 feet from the north line and 1465 feet from the west line (surface location)

Section 15, T. 147 N., R. 95 W., 5th P.M.

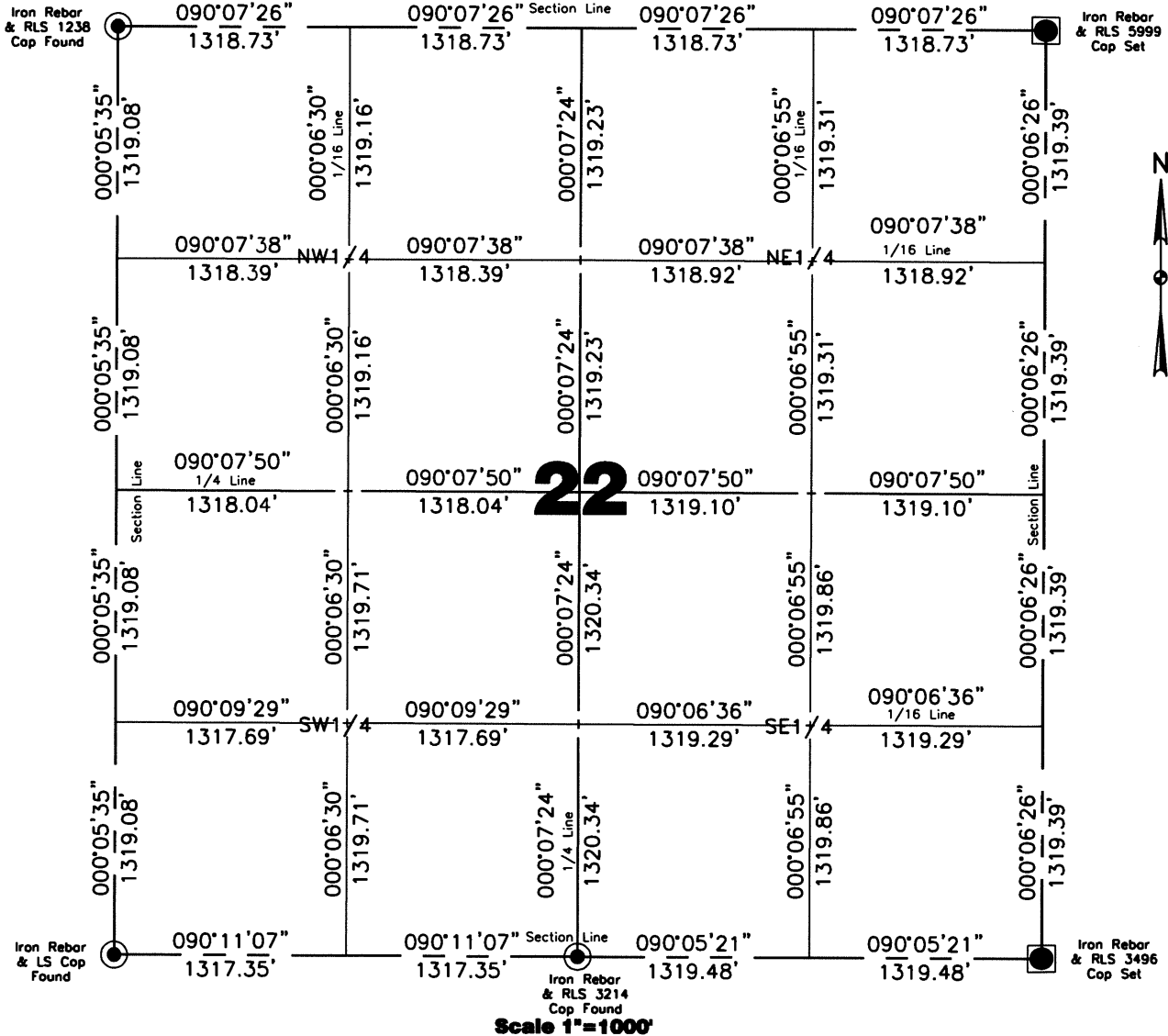
Section 22, T. 147 N., R. 95 W., 5th P.M. (bottom hole location)

Dunn County, North Dakota

Surface owner @ well site - Tom & Twila Benz

Latitude 47°33'33.13" North; Longitude 102°46'24.04" West (surface location)

[Derived from OPUS Solution NAD-83(CORS96)]



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Surveyed By	Field Book
Q. Obrigewitsch	OW-188
Computed & Drawn By	Project No.
M. Meisner	3708337

BOTTOM HOLE LOCATION PLAT

Burlington Resources, Inc.

P.O. Box 877 Baker, Montana 59313
3300 North A Street, Building 6 Midland, Texas 79705-5406

Boxcar #21-15H

325 feet from the north line and 1465 feet from the west line (surface location)

Section 15, T. 147 N., R. 95 W., 5th P.M.

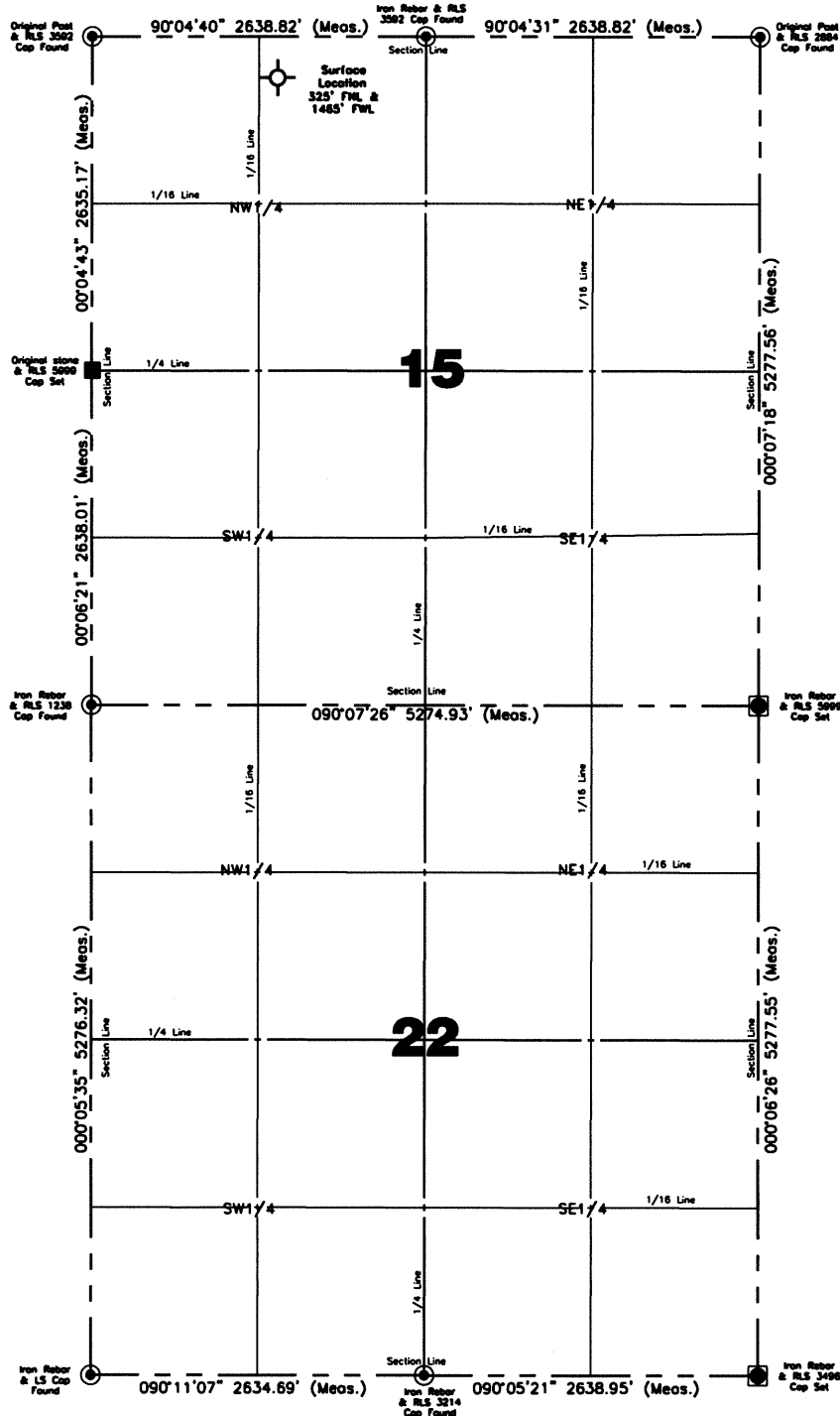
Section 22, T. 147 N., R. 95 W., 5th P.M. (bottom hole location)

Dunn County, North Dakota

Surface owner @ well site - Tom & Twila Benz

Latitude 47°33'33.13" North; Longitude 102°46'24.04" West (surface location)

[Derived from OPUS Solution NAD-83(CORS96)]



Scale 1"=1500'

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Surveyed By Q. Obrigewitsch	Computed & Drawn By M. Meismer	Approved By Rick Leach	Scale 1"=1500'	Date 7/07/08
Field Book OW-188	Material B.H. Layout	Revised -	Project No. 3708337	Drawing No. 4

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Burlington Resources, Inc.
Boxcar #21-15H
Section 15, T. 147 N., R. 95 W., 5th P.M.
Dunn County, North Dakota

Well Site Elevation 2453.4' MSL
Well Pad Elevation 2451.7' MSL

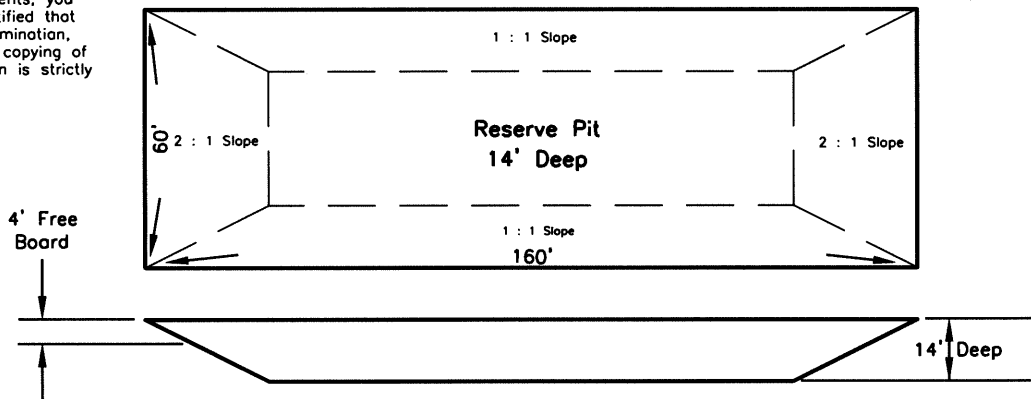
Excavation	10,880 C.Y.
Plus Pit	3,150 C.Y.
	14,030 C.Y.
Embankment	5,565 C.Y.
Plus Shrinkage (+30%)	1,670 C.Y.
	7,235 C.Y.
Stockpile Pit	3,150 C.Y.
Stockpile Top Soil (6")	3,250 C.Y.
Production Rehabilitation	0 C.Y.
Road Embankment & Stockpile from Pad	395 C.Y.
Disturbed Area From Pad	4.03 Acres

NOTE :
All cut end slopes are designed at 1:1 slopes &
all fill end slopes are designed at 1 1/2:1 slopes

Well Site Location

325' FNL
1465' FWL

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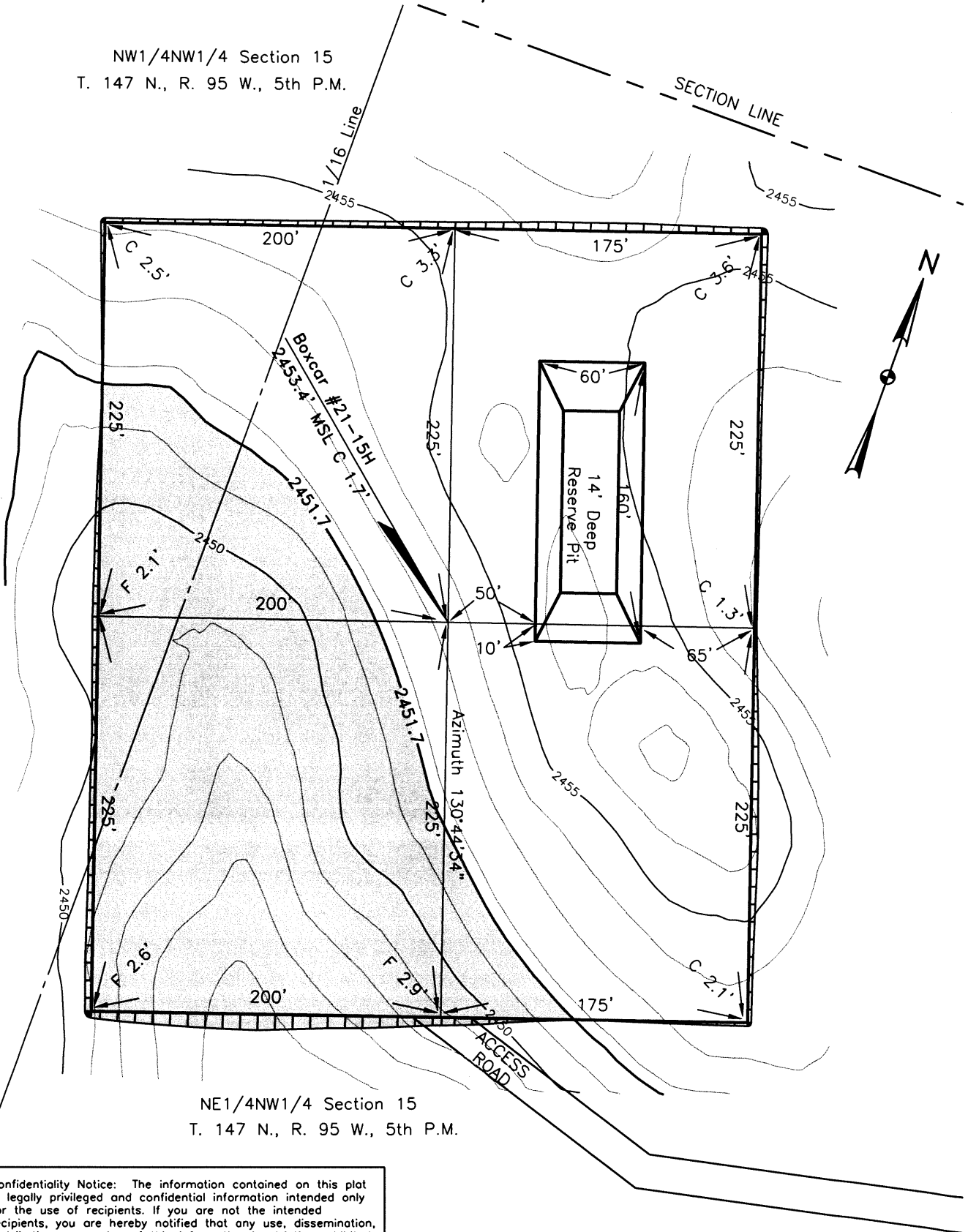


Drawn By M. Meismer	Surveyed By Q. Obrigewitsch	Approved By Rick Leach	Scale None	Date 7/07/2008
Field Book OW-188	Material Quantities	Revised -	Project No. 3708337	Drawing No. 5

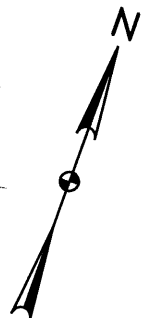
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Engineers Surveyors
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Boxcar #21-15H Pad Layout

NW1/4NW1/4 Section 15
T. 147 N., R. 95 W., 5th P.M.



NE1/4NW1/4 Section 15
T. 147 N., R. 95 W., 5th P.M.



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Drawn By M. Meismer	Surveyed By Q.Obrigewitsch	Approved By Rick Leach	Scale 1" = 80'	Date 7/07/2008
Field Book OW-188	Material Pad Layout	Revised -	Project No. 3708337	Drawing No. 6

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Burlington Resources, Inc.
Boxcar #21-15H
325' FNL & 1465' FWL
Section 15
T 147 N, R 95 W, 5th P.M.
Dunn County, ND

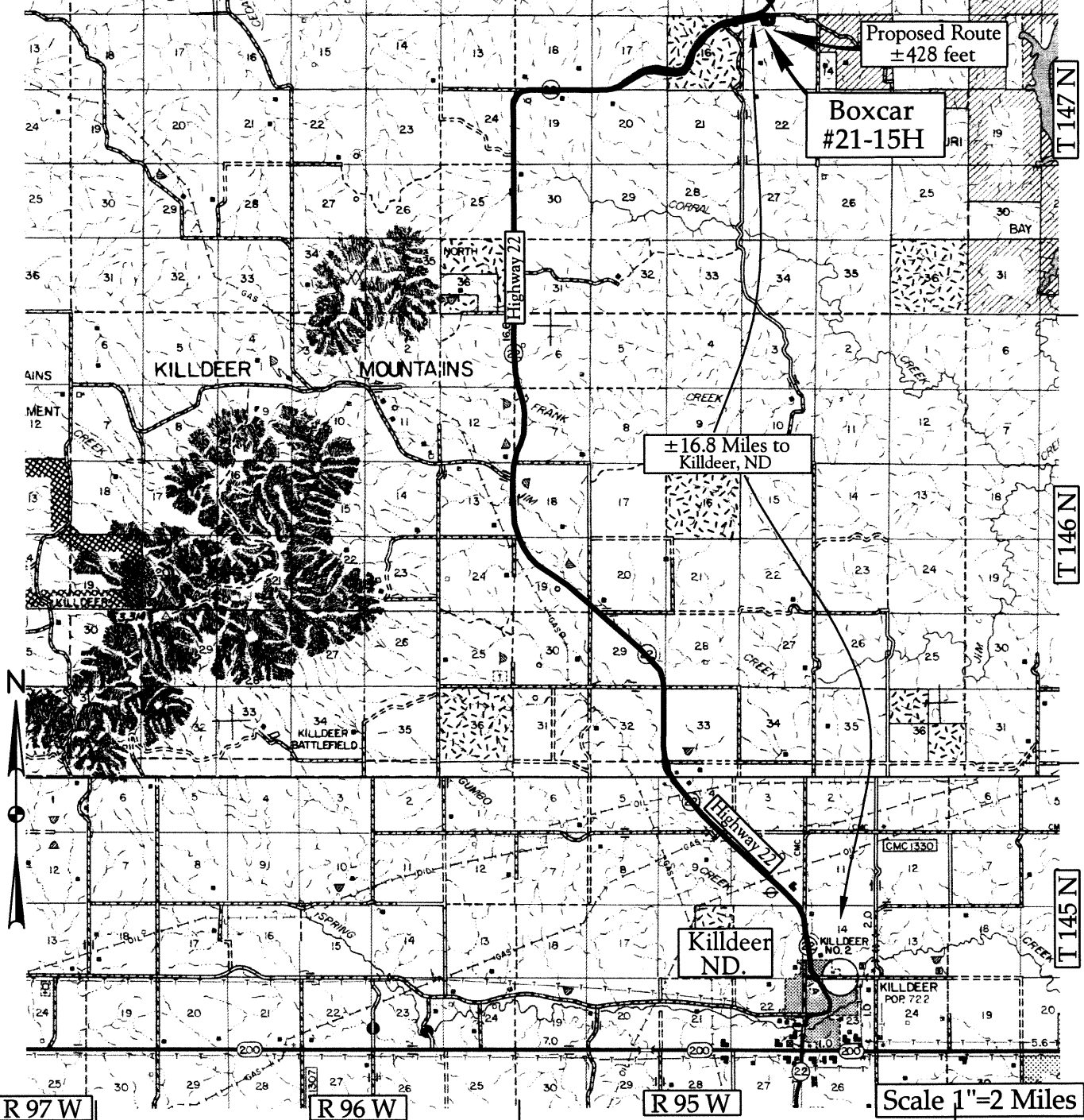
Confidentiality Notice: The information contained on this plot is legally privileged and confidential information intended only for the use of recipients. If you are not the intended recipients, you are hereby notified that any use, dissemination, distribution or copying of this information is strictly prohibited.

± 1,186ft or 71.88rods
 Existing Access Road
 (in NW1/4 Sec. 15)

Proposed Route
 ± 428 feet

Boxcar #21-15H

± 16.8 Miles to
 Killdeer, ND



R 97 W

R 96 W

R 95 W

Scale 1"=2 Miles

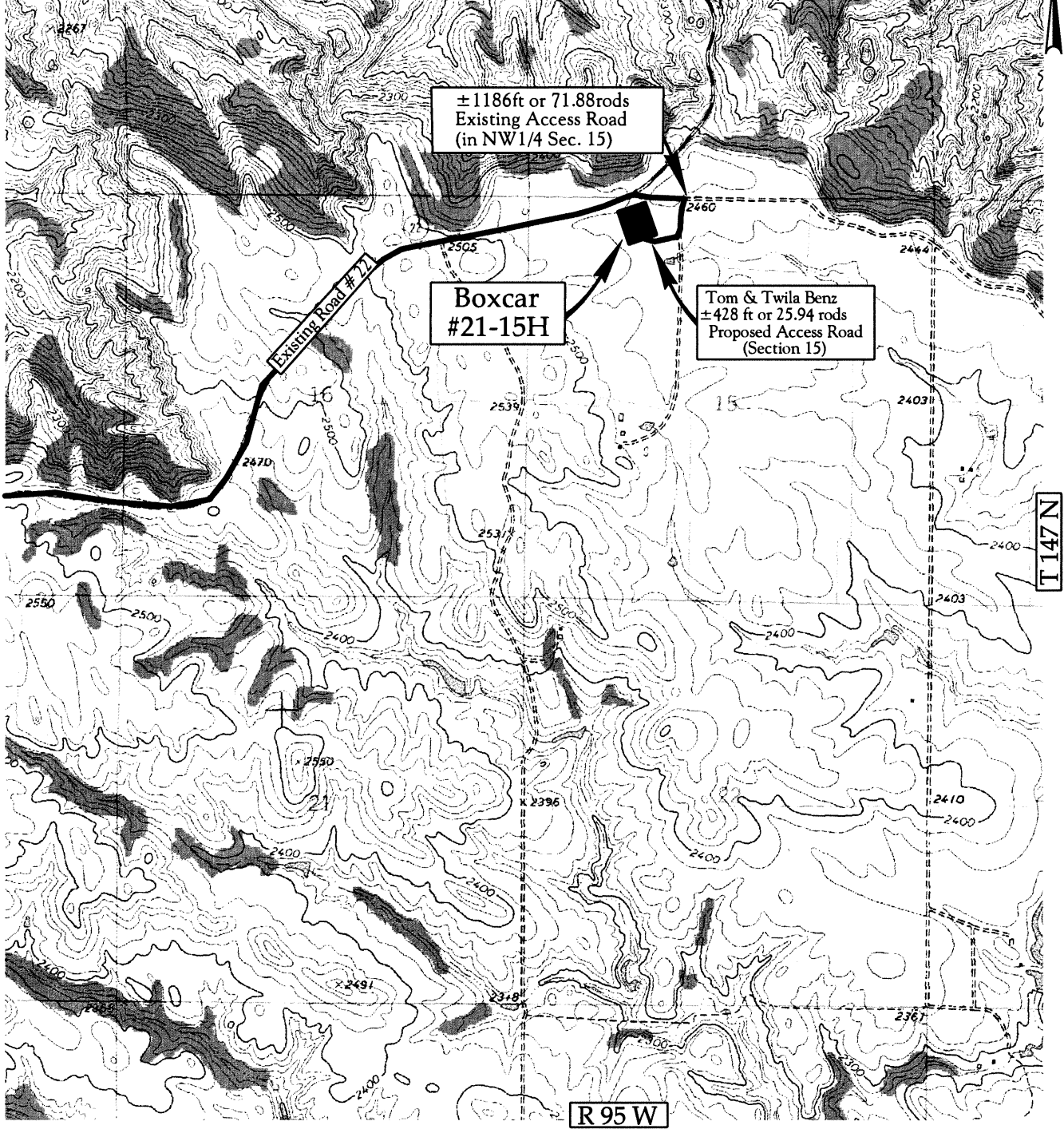
Map "A"
County Access Route

Legend
 Existing Roads 
 Proposed Roads 

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Burlington Resources, Inc.
Boxcar #21-15H
325' FNL & 1465' FWL
Section 15
T 147 N, R 95 W, 5th P.M.
Dunn County, ND

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$\pm 1186\text{ft}$ or 71.88rods
 Existing Access Road
 (in NW 1/4 Sec. 15)

Boxcar
#21-15H

Tom & Twila Benz
 $\pm 428\text{ft}$ or 25.94rods
 Proposed Access Road
 (Section 15)

T 147 N

R 95 W

Map "B"
Quad Access Route

Legend
 Existing Roads —————
 Proposed Roads - - - - -

Scale 1"=2000'

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WELL LOCATION PLAT

Burlington Resources, Inc.

P.O. Box 877 Baker, Montana 59313
 3300 North A Street, Building 6 Midland, Texas 79705-5406

Four Aces #11-16H

425 feet from the north line and 1293 feet from the west line (surface location)

Section 16, T. 147 N., R. 95 W., 5th P.M.

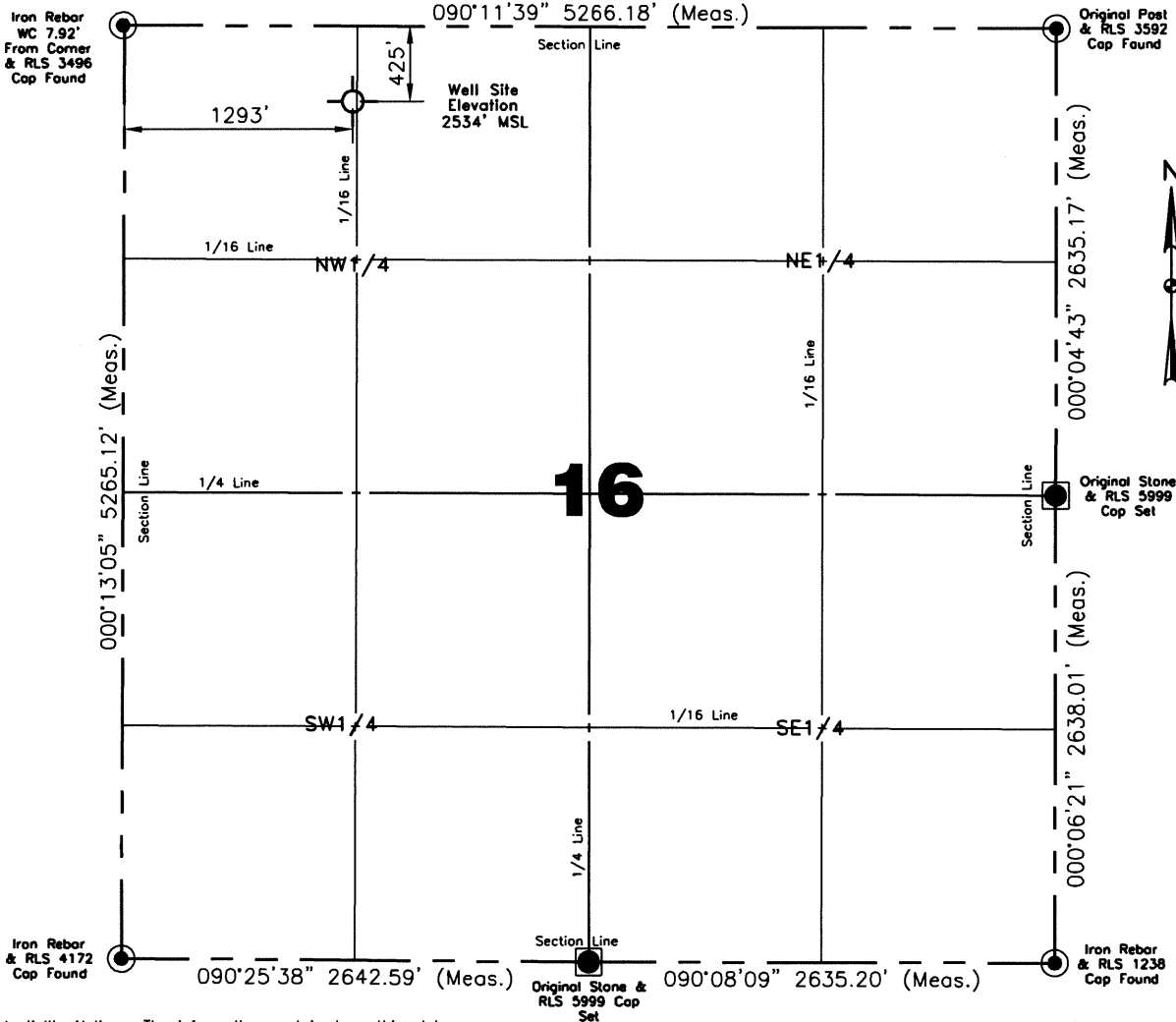
Section 21, T. 147 N., R. 95 W., 5th P.M. (bottom hole location)

Dunn County, North Dakota

Surface owner @ well site - State of North Dakota

Latitude 47°33'32.29" North; Longitude 102°47'43.34" West (surface location)

[Derived from OPUS Solution NAD-83(CORS96)]



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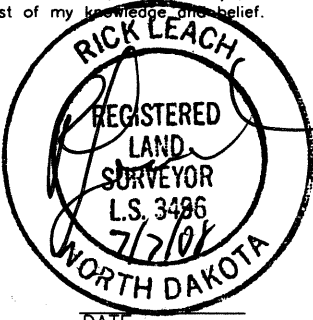
NOTE: All land corners are assumed unless otherwise noted. The well location shown hereon is not an as-built location.

Scale 1"=1000'

I, Rick Leach, Professional Land Surveyor, N.D. No. 3496, do hereby certify that the survey plat shown hereon was made by me, or under my direction, from notes made in the field, and the same is true and correct to the best of my knowledge and belief.

Quentin Obrigewitsch 5/22/2008
 Surveyed By N.D.P.L.S. # 5999 Date

Vertical Control Datum Used Sea-Level Datum of NAVD 88 Based on elevation derived from OPUS Solution on GPS* KLJ Spud 1 located a distance of 2281.49' @ 072°11'49" from the NE corner of Section 16 T147N., R 95W., being at 2461.03' Elevation MSL.	Professional Consulting Engineers and Surveyors Registered in North Dakota, South Dakota, Montana, Wyoming & Minnesota Tele-Fax No. 701-483-2795 Bus. Phone No. 701-483-1284 P.O. Box 290 677 27th Ave. E. Dickinson, North Dakota 58602 Certificate of Authorization #C-061
Project No. 3708336	
Book <u>OW-188</u> Pg. <u>7-24</u> Staking	



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HORIZONTAL SECTION PLAT

Burlington Resources, Inc.

P.O. Box 877 Baker, Montana 59313
3300 North A Street, Building 6 Midland, Texas 79705-5406

Four Aces #11-16H

425 feet from the north line and 1293 feet from the west line (surface location)

Section 16, T. 147 N., R. 95 W., 5th P.M.

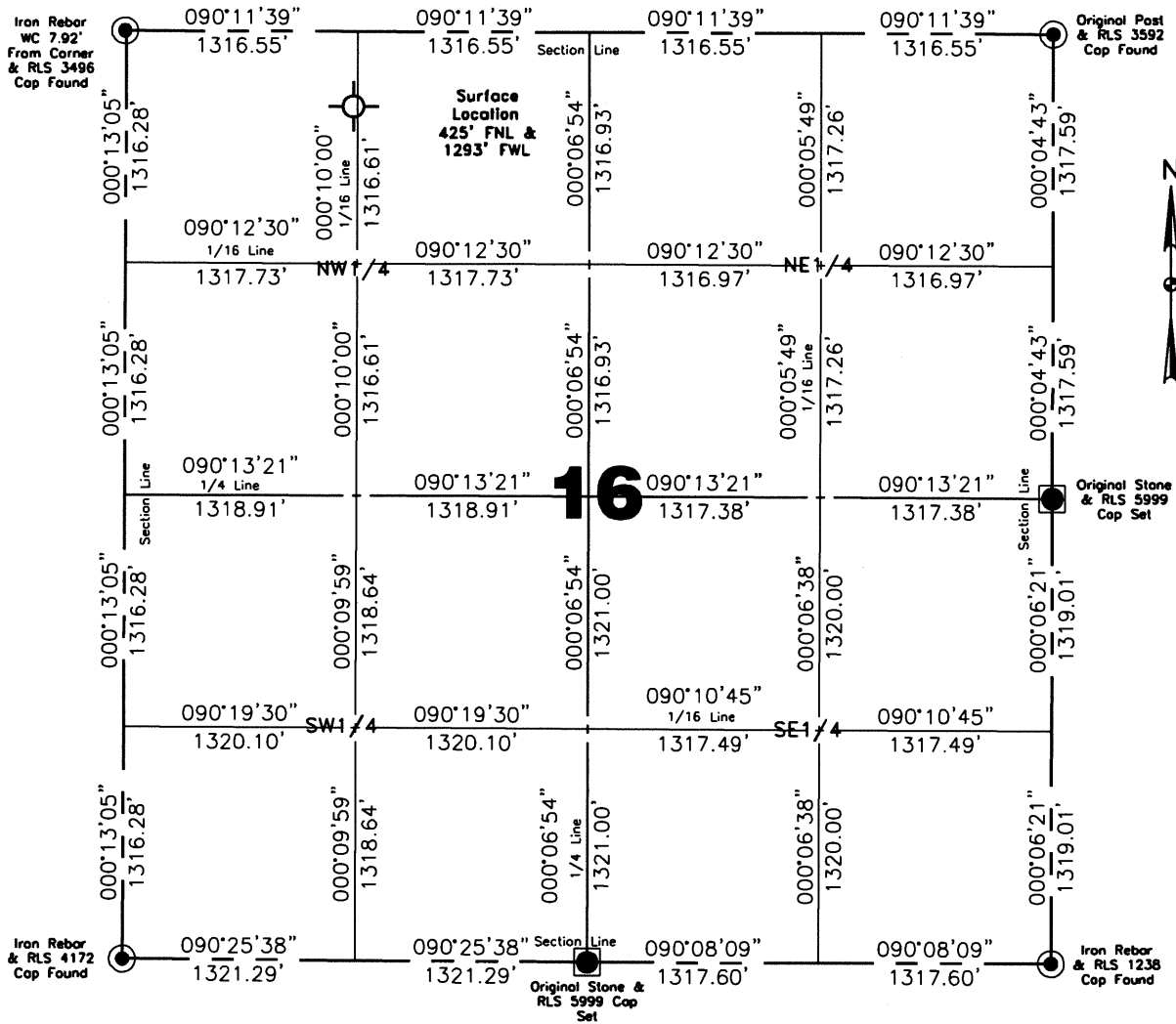
Section 21, T. 147 N., R. 95 W., 5th P.M. (bottom hole location)

Dunn County, North Dakota

Surface owner @ well site - State of North Dakota

Latitude 47°33'32.29" North; Longitude 102°47'43.34" West (surface location)

[Derived from OPUS Solution NAD-83(CORS96)]

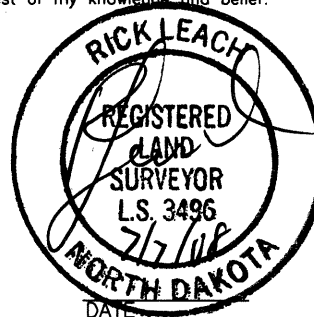


Scale 1"=1000'

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Surveyed By Q. Obrigewitsch	Field Book OW-188
Computed & Drawn By M. Meismer	Project No. 3708336

HORIZONTAL SECTION PLAT

Burlington Resources, Inc.

P.O. Box 877 Baker, Montana 59313
 3300 North A Street, Building 6 Midland, Texas 79705-5406

Four Aces #11-16H

425 feet from the north line and 1293 feet from the west line (surface location)

Section 16, T. 147 N., R. 95 W., 5th P.M.

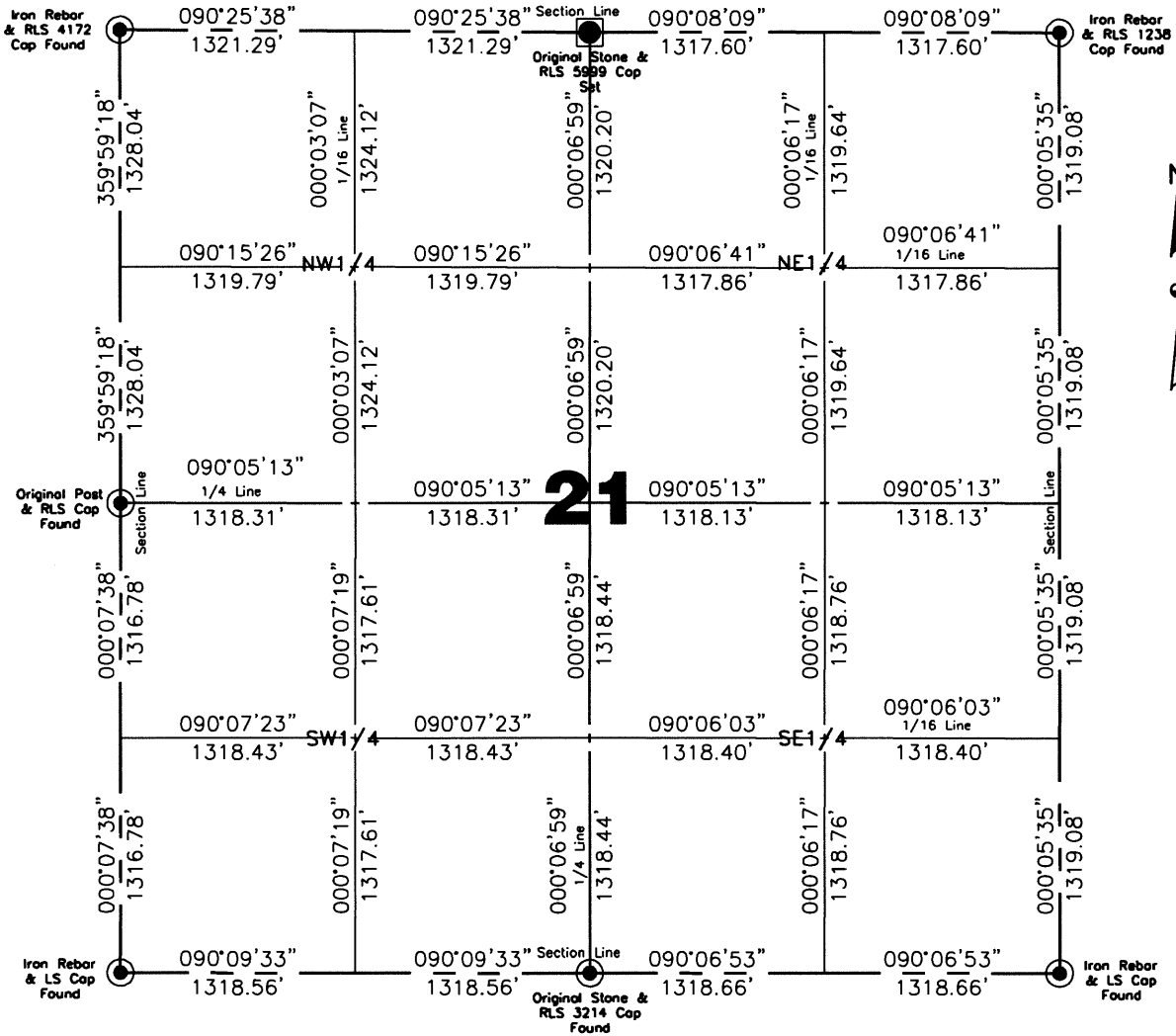
Section 21, T. 147 N., R. 95 W., 5th P.M. (bottom hole location)

Dunn County, North Dakota

Surface owner @ well site - State of North Dakota

Latitude 47°33'32.29" North; Longitude 102°47'43.34" West (surface location)

[Derived from OPUS Solution NAD-83(CORS96)]



Scale 1"=1000'

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Surveyed By Q. Obrigewitsch	Field Book OW-188
Computed & Drawn By M. Meismer	Project No. 3708336

BOTTOM HOLE LOCATION PLAT

Burlington Resources, Inc.

P.O. Box 877 Baker, Montana 59313
3300 North A Street, Building 6 Midland, Texas 79705-5406

Four Aces #11-16H

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Section 16, T. 147 N., R. 95 W., 5th P.M.

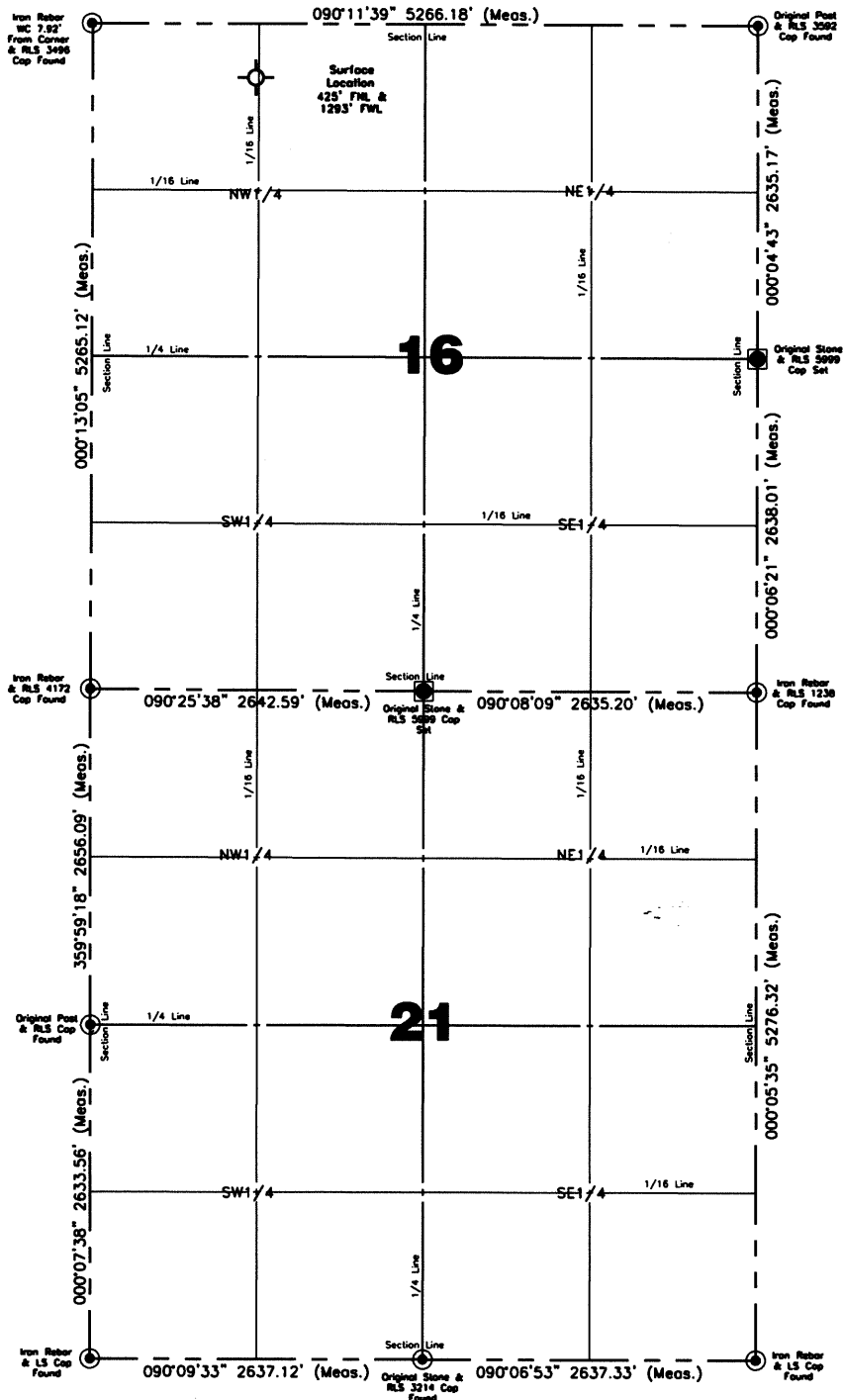
Section 21, T. 147 N., R. 95 W., 5th P.M. (bottom hole location)

Dunn County, North Dakota

Surface owner @ well site - State of North Dakota

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Surveyed By Q. Obrigewitsch	Computed & Drawn By M. Meisner	Approved By Rick Leach	Scale 1"=1500'	Date 7/05/08
Field Book OW-188	Material B.H. Layout	Revised -	Project No. 3708336	Drawing No. 4

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Burlington Resources, Inc.
Four Aces #11-16H
Section 16, T. 147 N., R. 95 W., 5th P.M.
Dunn County, North Dakota

Well Site Elevation 2533.6' MSL
Well Pad Elevation 2533.5 MSL

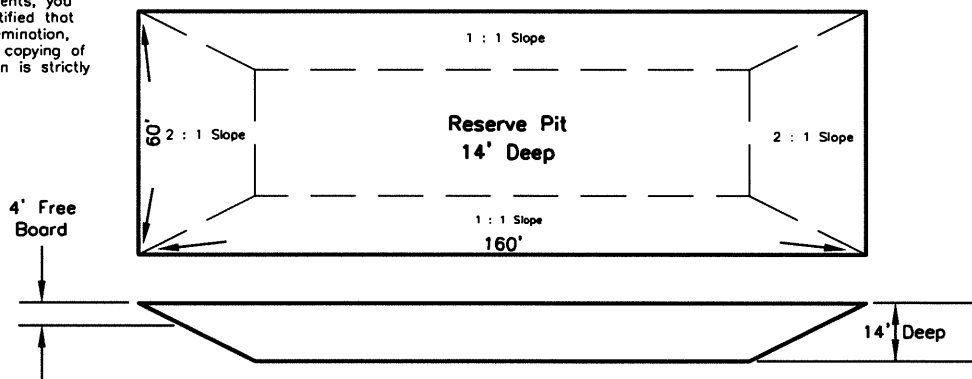
Excavation	28,685 C.Y.
Plus Pit	3,150 C.Y.
	31,835 C.Y.
Embankment	18,765 C.Y.
Plus Shrinkage (+30%)	5,630 C.Y.
	24,395 C.Y.
Stockpile Pit	3,150 C.Y.
Stockpile Top Soil (6")	3,525 C.Y.
Production Rehabilitation	0 C.Y.
Road Embankment & Stockpile from Pad	765 C.Y.
Disturbed Area From Pad	4.37 Acres

NOTE :
All cut end slopes are designed at 1:1 slopes &
all fill end slopes are designed at 1 1/2:1 slopes

Well Site Location

425' FNL
1293' FWL

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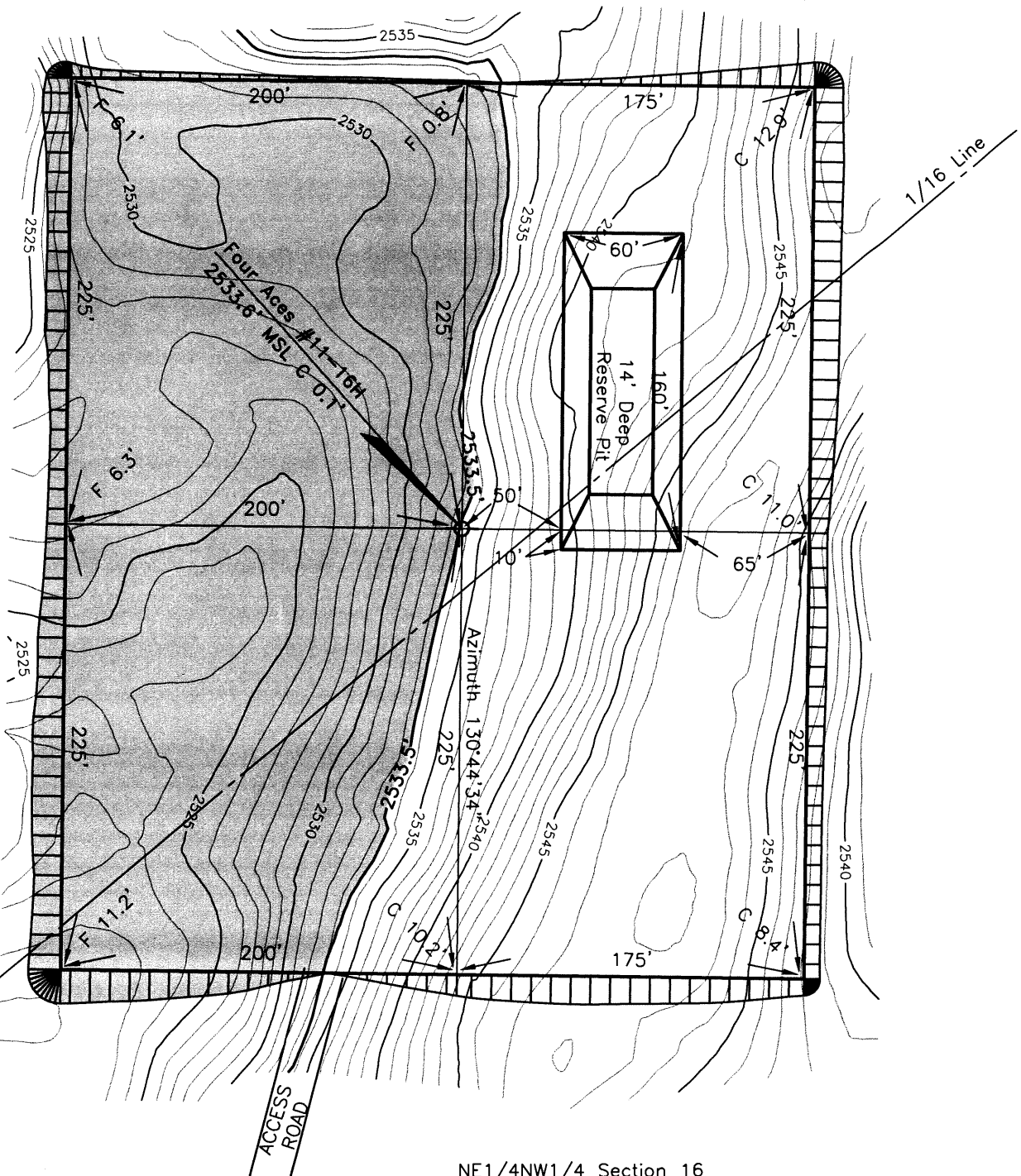
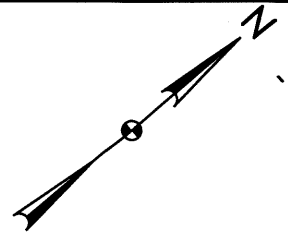


Drawn By M. Meismer	Surveyed By Q. Obrigewitsch	Approved By Rick Leach	Scale None	Date 7/02/2008
Field Book OW-188	Material Quantities	Revised -	Project No. 3708336	Drawing No. 5

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Four Aces #11-16H Pad Layout

NW1/4NW1/4 Section 16
T. 147 N., R. 95 W., 5th P.M.



NE1/4NW1/4 Section 16
T. 147 N., R. 95 W., 5th P.M.

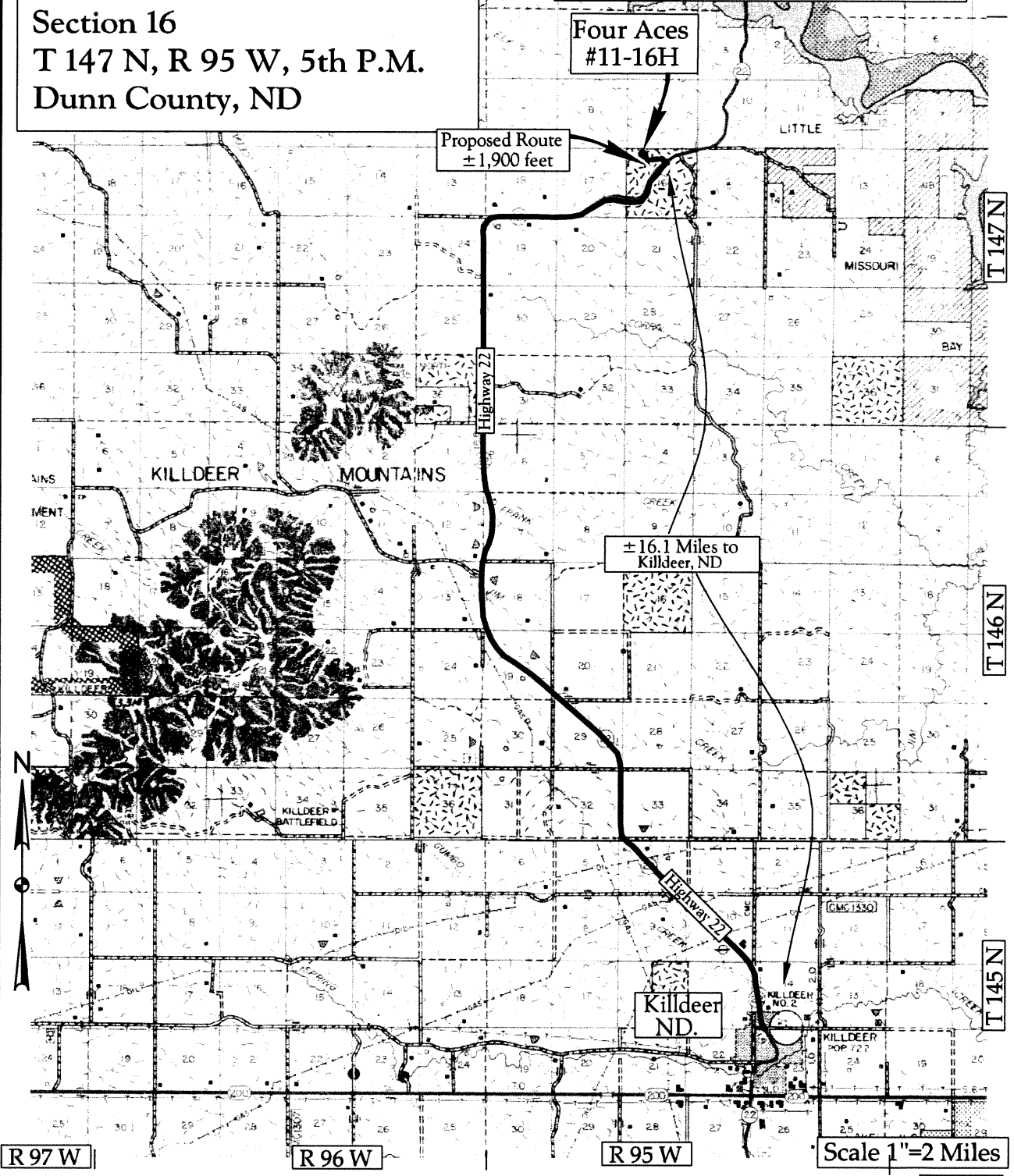
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Drawn By M. Meismer	Surveyed By Q. Obrigewitsch	Approved By Rick Leach	Scale 1" = 80'	Date 7/05/2008
Field Book OW-188	Material Pad Layout	Revised -	Project No. 3708336	Drawing No. 6

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Burlington Resources, Inc.
Four Aces #11-16H
425' FNL & 1293' FWL
Section 16
T 147 N, R 95 W, 5th P.M.
Dunn County, ND

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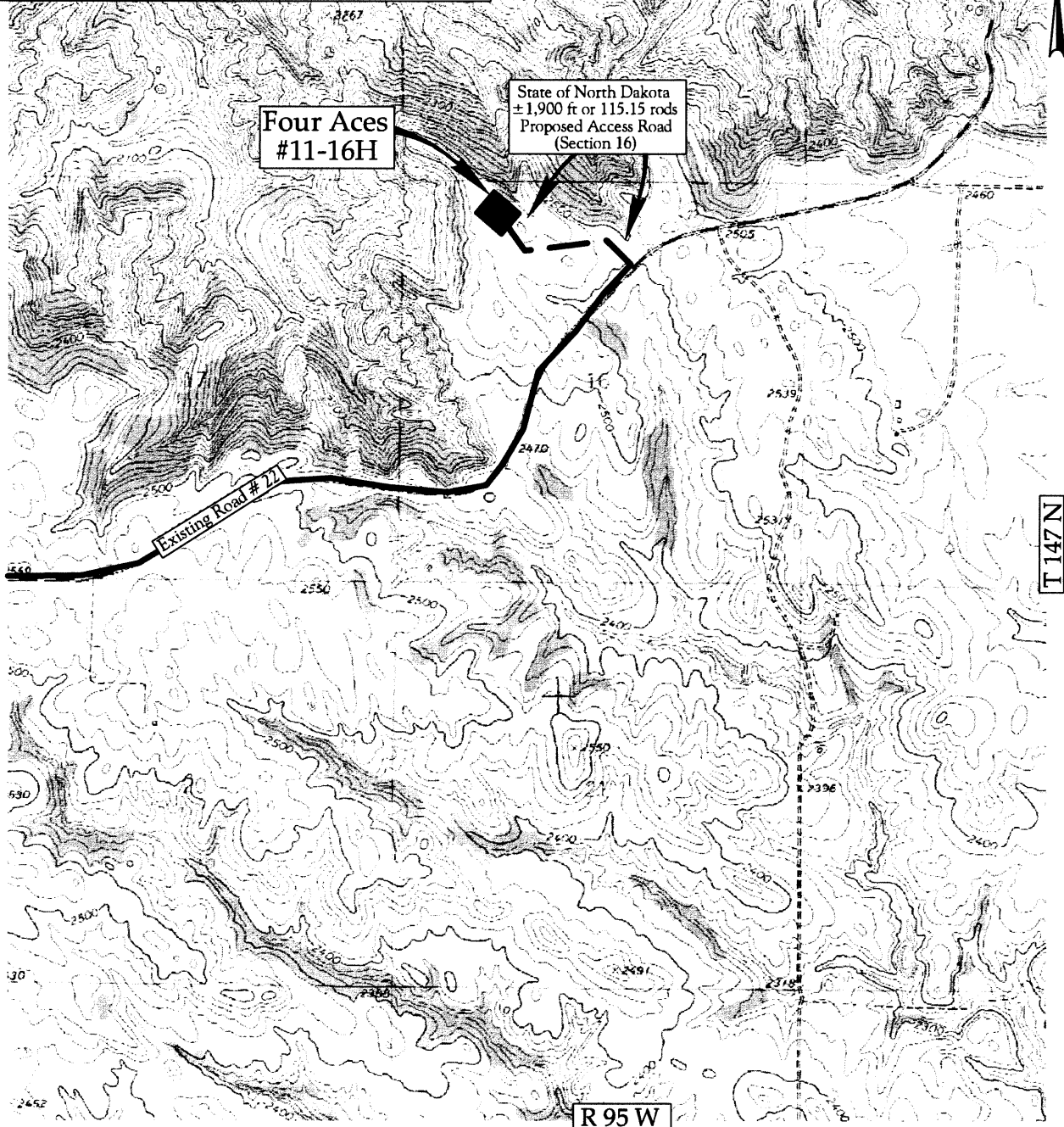
Map "A"
County Access Route

Legend
 Existing Roads —————
 Proposed Roads - - - - -

**Kadmas
 Lee &
 Jackson**
 Engineers Surveyors
 Planners

Burlington Resources, Inc.
Four Aces #11-16H
425' FNL & 1293' FWL
Section 16
T 147 N, R 95 W, 5th P.M.
Dunn County, ND

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Map "B"
Quad Access Route

Legend
 Existing Roads —————
 Proposed Roads - - - - -

Scale 1"=2000'

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Jackson
 Engineers Surveyors
 Planners