



SEISMIC COMPLETION REPORT
 INDUSTRIAL COMMISSION OF NORTH DAKOTA
 OIL AND GAS DIVISION
 600 EAST BOULEVARD DEPT 405
 BISMARCK, ND 58505-0840
 SFN 51456 (03-2005)



Permit No. 970159	
Shot Hole Operations Yes	*Non-Explosive Operations Yes

SECTION 1

Geophysical Contractor CGGVeritas Land (U.S.A.), 10300 Town Park Drive, Houston, Tx. 77072	
Project Name and Number North Mandaree 3D	County(s) Dunn and McKenzie
Township(s) 148-149-150	Range(s) 93-94-95
Drilling and Plugging Contractors Xtreme Drilling, Excel Drilling and Exploration Drilling Inc.	
Date Commenced October 15, 2008	Date Completed July 10, 2009

SECTION 2

First S.P. # 5101-1149	Last S.P. # 5765-1642																			
Loaded Holes (Undetonated Shot Points) Seventy four (74) see attached list																				
S.P.#'s																				
Charge Size																				
Depth																				
Reasons Holes Were Not Shot Dead Caps / No Locates / High Water Level on Lake Sakakawea and Buffer Zones																				

SECTION 3

Flowing Holes and/or Blowouts S.P.#'s No reported flowing holes. Fifty seven (57) blowouts see attached list.	57
Procedure for Plugging Flowing Holes and/or Blowouts Bentonite from bottom of blowout to 3' below surface. Plastic plug placed @ 3' then native cuttings or bentonite to the surface, with small mound on top .	
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.



AFFIDAVIT OF COMPLETION (GEOPHYSICAL CONTRACTOR)

STATE OF North Dakota)

COUNTY OF Stark)

Before me, Pam Heiser, a Notary Public in and for the said

County and State, this day personally appeared Vincent Hanrahan

who being first duly sworn, deposes and says that (s)he is employed by _____

CGGVeritas Land (U.S.A.), 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.

V. Hanrahan
Geophysical Contractor Representative

Subscribed in my presence and sworn before me this 9th day of July, 2009.

PAM HEISER
NOTARY PUBLIC, STATE OF NORTH DAKOTA
MY COMMISSION EXPIRES JUNE 15, 2011

Notary Public Pam Heiser

My Commission Expires June 15, 2011



AFFIDAVIT OF PLUGGING (HOLE PLUGGER)

INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
600 EAST BOULEVARD DEPT 405
BISMARCK, ND 58505-0840
SFN 61457 (03-2005)



PERMIT NUMBER: 970159

AFFIDAVIT OF PLUGGING (HOLE PLUGGER)

STATE OF Montana)

COUNTY OF Gallatin)

Before me, Steven M. Stuben a Notary Public in and for the said

County and State, this day personally appeared Robyn Duffy

who being first duly sworn, deposes and says that (s)he is employed by
Excel Drilling, Inc., that (s)he has read North Dakota

Century Code Section 38-08.1 and that the foregoing seismic project has been plugged in
accordance with North Dakota Administrative Code Rule 43-02-12 and that the statements on
the attached documents are true.

Hole Plugger Representative

Subscribed in my presence and sworn before me this 2 day of March, 2009.

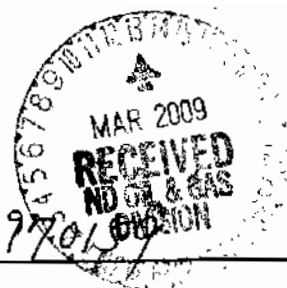
Notary Public Steven M. Stuben
Residing in Three Forks Mt.
of Gallatin Co.

My Commission Expires 7-29-2011



AFFIDAVIT OF PLUGGING (HOLE PLUGGER)

INDUSTRIAL COMMISSION OF NORTH DAKOTA
OIL AND GAS DIVISION
600 EAST BOULEVARD DEPT 405
BISMARCK, ND 58505-0840
SFN 51457 (03-2005)



PERMIT NUMBER: 970157

AFFIDAVIT OF PLUGGING (HOLE PLUGGER)

STATE OF COLORADO)

COUNTY OF WELD)

Before me, SANDRA ESKILDSEN a Notary Public in and for the said

County and State, this day personally appeared Desri Stolz

who being first duly sworn, deposes and says that (s)he is employed by

Extreme Drilling, that (s)he has read North Dakota

Century Code Section 38-08.1 and that the foregoing seismic project has been plugged in

accordance with North Dakota Administrative Code Rule 43-02-12 and that the statements on

the attached documents are true.

[Signature]
Hole Plugger Representative

Subscribed in my presence and sworn before me this 5th day of MARCH, 2009.

Notary Public [Signature]

My Commission Expires January 29, 2013



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 CGGVeritas Land		Address 10300 Town Park Drive Houston, Texas 77072	
Contact Doak Anderson	Telephone 832-351-1057	Fax 832-351-1021	
Surety Company US specialty Insurance	Bond Amount 50,000.00	Bond Number B000724	
2) a. Subcontractor(s) Exploration Drilling		Address 12653 CO. RD 352 Sidney Montana 592	
b. Subcontractor(s) American Drilling		Address 2580 West county Rd 14 Loveland CO	
c. Subcontractor(s) Realttime Surveys		Address 5646 Milton St, Ste. 722 Dallas, Tx75206	
3) Party Manager James Volpone		Address (local) 281-546-0204	
4) Project Name or Line Numbers North Mandaree 3D			
5) Exploration Method (Shot Hole, Non-Explosive, 2D, 3D, Other) 3D program, Shot hole and vibroseis			
6) Approximate Start Date June 28, 2008		Approximate Completion Date December 20, 2008	

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

7) Location of Proposed Project - County Dunn County North Dakota , <i>McKenzie County</i>					
Section(s), Township(s) & Range(s)	Section 13 thru 36	150	R.	94	9) Must supply latitudes and longitudes of post-plot source and receiver points on an SD card.
	Section 18,19,20,26-30,31-36	150	T.	93	
	Section 1 thru 36	149	T.	94	
	Section 1 thru 36	149	T.	93	
8) Size of Hole 3-D 4 inch	Amt of Charge 5.5 lbs	Depth 40 feet	Source points per sq. mi. 77	No. of sq. mi. 110	
Size of Hole 2-D	Amt of Charge	Depth	Source points per ln. mi.	No. of ln. mi.	

10) Anticipated special drilling and plugging procedures?
Part of the program will require heli-portable drilling.

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

Signed <i>RDH</i>	Title <i>operations supervisor</i>	Date <i>6-27-08</i>
(This space for State office use)		Conditions of Approval if any <i>See Attached letter</i>
Permit No. <i>970/59</i>	Approval Date <i>6/30/08</i>	
Approved by <i>[Signature]</i>		
Title Mineral Resources Permit Manager		
County Approval Sent <i>Dunn County</i>		

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



June 30, 2008

Mr. Doak Anderson
CGGVeritas Land (U.S.) Inc.
10300 Town Park Drive
Houston, TX 77072

RE: North Mandaree 3-D
Geophysical Exploration Permit #97-0159
Dunn County

Dear Mr. Anderson:

Please be advised that we are in receipt of your Geophysical Exploration permit and it is conditionally approved; effective for one year from June 30, 2008. 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,

Todd L. Holwegger
Mineral Resources Permit Manager



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

June 30, 2008

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

RE: Geophysical Exploration
 Permit #97-0159

Dear Mr. Hauck:

Pursuant to Section 38-08.1-04.2 of the North Dakota Century Code, please be advised that CGGVeritas Land (U.S.) Inc. was issued the above captioned permit on June 30, 2008 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,

A handwritten signature in black ink, appearing to read "Todd L. Holweger".

Todd L. Holweger
DMR Permit manager

Oil and Gas Division

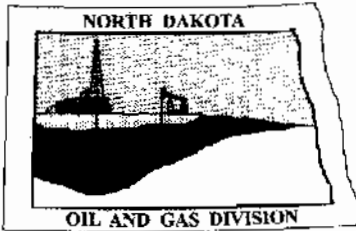
Lynn D. Helms - Director Bruce E. Hicks - Assistant Director

Department of Mineral Resources

Lynn D. Helms - Director

North Dakota Industrial Commission

www.dmr.nd.gov/oilgas



June 30, 2008

The Honorable Frances Olson
McKenzie County Auditor
P.O. Box 543
Watford City, ND 58854-0543

RE: Geophysical Exploration
Permit #97-0159

Dear Frances Olson:

Pursuant to Section 38-08.1-04.2 of the North Dakota Century Code, please be advised that CGGVeritas Land (U.S.) Inc. was issued the above captioned permit on June 30, 2008 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