

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)



										-4 647	11 24	35		
Permit No.	_									1	2 1 3°			
97-0133			_					_				1.7		
Shot Hole Operations						*Non-Explosive Operations								
N/A						Vibroseis								
SECTION 1														
Geophysical Con	tractor													
Quantum Ge		, Inc.												
Project Name and		County(s)												
Fortification-		Burke												
Township(s)						Range(s)								
162N, 162N						90W, 91W								
Drilling and Plugg	ging Contract	ors												
N/A														
Date Commence	d					Date Comp	leted							
September 7	, 2007		_			October	6, 2007							
SECTION 2														
First S.P. #						Last S.P. #								
Loaded Holes (U	ndetonated S	hot Points)				•								
S P.#s	T	T		I										
				<u> </u>										
Charge Size														
Depth														
Reasons Holes V	 Vere Not Sho	<u> </u> t							<u> </u>					
SECTION 3														
Flowing Holes and	d/or Blowouts	S												
S.P.#'s														
Procedure for Plu	gging Flowing	g Holes and/	or Blowouts				_							
Include a 7.5 min.	uto LICCC to					-4 1 1 1					_	-		
Include a 7.5 minu individual shot hol	le. SP #. line	#. and legal	actangle ma location.	p or a comp	inter Generati	еа розт-рют т	acsimile of u	ne approxima	ile scale disp	olaying ea	ch			

	AFFIDAVIT OF COMPLETION (GEOPHYSIC)	AL CONTRACTOR)					
STATE OF	<u>Texas</u>)						
COUNTY OF	Harris)						
Before me,	Pat Andrews	, a Notary Public in and for the said					
County and St	ate, this day personally appeared	David Bush					
who being first	duly swom, deposes and says that (s)he is employed t	Quantum Geophysical, Inc.					
	, t	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 26 day of February , 2009. Notary Public Datter of Cendreus Notary Public Datter of Cendreus							
My Commission Explicit 03-20-20/2							



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

970133

12/23/2008

DAVID BUSH GEOKINETICS USA, INC. FORMERLY: QUANTUM GEOPHYSICAL, INC. 1500 CITY WEST STE 800 HOUSTON, TX 77042

RE: See Attached List of Projects

Dear David:

According to our records, our office has not received a Completion Report or Affidavit of Completion for the attached list of projects.

The reports are due thirty days after the completion of the project. Please submit the report & affidavit at your earliest convenience. If you have any questions, feel free to contact our office.

Sincerely,

Richard A. Suggs

Engineering Technician

List of Projects with Missing Completion Reports and Completion Affidavits for OUANTUM GEOPHYSICAL, INC.

PASSPORT 3-D

MOUNTRAIL COUNTY

PERMIT NO. 970140

COMPLETION DATE: 10/5/2007

WILD HORSE 2-D

BURKE COUNTY

PERMIT NO. 970138

COMPLETION DATE: 9/14/2007

HUERFANO 2-D

BURKE COUNTY

PERMIT NO. 970137

COMPLETION DATE: 9/13/2007

NORTH MESA 2-D

BURKE COUNTY

PERMIT NO. 970134

COMPLETION DATE: 9/12/2007

FORTIFICATION 2-D

BURKE COUNTY

PERMIT NO. 970133

COMPLETION DATE: 9/15/2007

CRYSTAL 2-D

BURKE COUNTY

PERMIT NO. 970132

COMPLETION DATE: 9/14/2007

BERTHOLD 3-D

MOUNTRAIL COUNTY

PERMIT NO. 970124

COMPLETION DATE: 8/26/2007

Oct. 15, 2007

NDIC Oil and Gas Division

Sir / Mme:

970132 cry 970137 Hue 970134 NM 970138 WH 970140 PP

970133 Fortification

Enclosed is a SD Memory card with the *.usr files for navigation with the Lowrance I-Finder Hunt GPS unit. The files are in WGS 84 and can be loaded straight into the Lowrance.

There is one file for each of the 2D programs (Crystal 2D, Fort 2D, Huerfano 2D, North Mesa 2D, and Wildhorse 2D) containing both source and receivers.

For the Passport 3D, there are 2 source and 2 receiver files for the progam.

If you require any assistance, please don't hesitate to call.

Best Regards

Rick trying

Survey Manager, US Operations

Geokinetics Inc.

1 Riverway, Ste. 440

Houston TX 77056

713-840-3382 office

713-816-3663 cell



August 11, 2007

North Dakota Industrial Commission Dept of Mineral Resources Oil & Gas Division 600 E. Boulevard Ave. Dept 405 Bismarck, ND 58505-0840

Attn: Todd Holweger

Re: Fortification 2D Project Geophysical Permit 97-0133

Burke County

Dear Mr. Holweger;

This letter shall serve as certification that Quantum Geophysical, Inc. has contacted all surface owner's within the boundaries of the above referenced survey. All surface owners' have signed permits, been provided written copies of section 38-08.1-04.1 and chapter 38-11.1 of the geophysical exploration regulations and notified of the start of operations. In addition all individuals owning lands with ½ mile of the survey boundary have been provided via US mail a copy of the required regulations.

If you have any questions please contact me at (713) 840-3380.

Yours truly,

Bruce Fulker

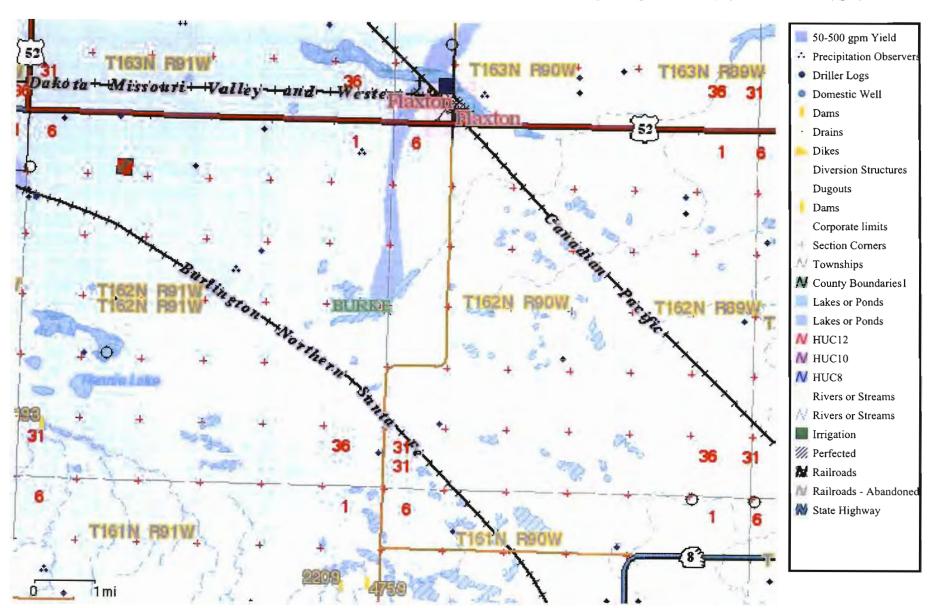
Manager Permit Services North America Operations

GEOPHYSICAL EXPLORATION PERMIT

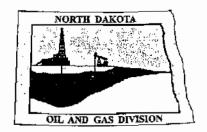
INDUSTRIAL COMMISSION OF NORTH DAKOTA OIL AND GAS DIVISION 600 EAST BOULEVARD DEPT 405 BISMARCK, ND 58505-0840 SEN 51459 (03-2005)

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1) a. Company				Address					15	NAME IN	A3	197		
Quantum Geophysical, Inc			One	One Riverway, Suite 440 Houston,					56	1	Divisio		y	
Contact Telephone			phone					Fax		L.	E CORLINGE	المراوان		
Bruce Fulker				3)840-3380					(713)850-7783					
Surety Company				Amount					Bond Nu	mber				
Bank Of North	h Dakota						\$50,0	00.00	GEO300					
2) a. Subcontracto	or(s)		Addı	ess					Telephor	ne				
Erickson Contrat Surveying				111 5th SW Sidney, Mt 59270				(406)482-6606						
b. Subcontractor(s)				Address				Telephone						
c. Subcontract	or(s)		Addı	Address				Telephone						
3) Party Maneger			Addı	Address				Telephone						
4) Project Name of														
Fortification-	thod (Shot Hole, No	on-Evolos	ive 2D 3D)										
5) Exploration MB	-	-		,										
6) Approximate D	dillog Start Date	كنعكه				Approxin	nate Co	moletion	Date					
' ''	-			Approximate Completion										
August 15,2007 September 15, 2007 THE COMMISSION MUST BE NOTIFIED AT LEAST 24 HOURS IN ADVANCE OF COMMENCEMENT OF DRILL/PLUG OPERATION:							ONe							
			IED AT LE	.A31 24 HU	או פאט	AUVANU	-	OMINE	NVEMEN	II OF UKI	LUPLU	G OPERATI		
'	posed Project - Co	шпту												
Burke			leas	_			Т.			Ic	,			
Section(s), Township(s) & Range(s)				Sec. T.				162 R. 90						
				Sec. T.				162			R. 91			
				Sec.			Ť.				R.			
				Sec.			T. R. Identifying Marks Used on Nonmetallic Plug							
8) Size of Hole	Amt of Charge	Depth	Shots per Mi.(sq.mi.	No. of Mi. (sq.mi.)	1	physical ID							gger ID	,
			(04).1111.	(54.11.7)	Geo	priysical ID	<u></u>	a. Piugg	Jei ID	D. Piug	gger ID	- C. PIU	gger 1L	,
			16	6.33										
9) Anticipated special drilling and plugging procedures?														
None														
10) Enclose a pre-plot map with proposed location of seismic program lines and powder mag.														
Enclosed														
Signed Title						Date								
Mgr. NA Operations Permit Services July 3, 2007														
This space for State office use) Conditions of Approval if any Approval Date / / /														
$\frac{1}{1} \frac{1}{1} \frac{1}$														
Approved by Josh L. Alven						See Attached letter								
Mineral Resources Permit Manager (affective)														
County Approval	Cont .	rke	Con	ata									_	
				*Sed Inst	tructions	On Revers	e Side							

STATE WATER COMMISSION WELLS.



;		
Township Fortification	Range	Section
162 N	90 W	17
162 N	90 W	18
162 N	90 W	19
162 N	90 W	20
162 N	90 W	21
162 N	90 W	28
162 N	90 W	29
162 N	91 W	23
162 N	91 W	24



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

July 11, 2007

The Honorable Teri Baumann Burke County Auditor P.O. Box 310 Bowbells, ND 58721-0310

RE: Geophysical Exploration

Permit #97-0132 Permit #97-0133 Permit #97-0134

Dear Ms. Baumann:

Pursuant to Section 38-08.1-04.2 of the North Dakota Century Code, please be advised that Quantum Geophysical, Inc was issued the above captioned permit on July 11, 2007 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/scismic/seismicstats.asp

Should you have any questions, please contact our office.

Sincerely,

Todd L. Holweger DMR Permit manager



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

July 11, 2007

Mr. Bruce Fulker One Riverway, Ste 440 Houston, TX 77056

RE:

Geophysical Exploration Permits # 97-0133

Fortification 2-D

Burke County, North Dakota

Dear Mr. Fulker:

Please be advised that we are in receipt of your Geophysical Exploration permit and have conditionally approved your permit effective for one year from July 11, 2007. Please 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 post plot map 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.
- 4. If available, a SEG P1 with all source and receiver points should be made available to the Oil and Gas Division upon filing of the seismic completion report within 30 days of the completion of the program.
- 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 cach 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.



Lynn D. Helms - Director

Bruce E. Hicks - Assistant Director

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- 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. 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,

Mineral Resources Permit Manager