



GEOPHYSICAL EXPLORATION PERMIT
 INDUSTRIAL COMMISSION OF NORTH DAKOTA
 OIL AND GAS DIVISION
 800 EAST BOULEVARD DEPT 405
 BISMARCK, ND 58505-0840
 SFN 51469 (02-2008)



1) a. Company Schlumberger Technology Corporation		Address 300 Schlumberger Drive, Sugar Land, TX 77478	
Contact Stephen Fulgham		Telephone 281-285-8500	Fax
Surety Company Liberty Mutual Insurance Company		Bond Amount \$25,000	Bond Number 16-036-783
2) a. Subcontractor(s)		Address	Telephone
b. Subcontractor(s)		Address	Telephone
c. Subcontractor(s)		Address	Telephone
3) Party Manager Lindsey Doubek		Address (local)	Telephone (local) (701) 420-6917
4) Project Name or Line Numbers Nelson Farms VSP (18602)			
5) Exploration Method (Shot Hole, Non-Explosive, 2D, 3D, Other) Non Explosive 2d			
6) Approximate Start Date July 28, 2010		Approximate Completion Date August 7, 2010	

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

7) Location of Proposed Project - County Mountrail					
Section(s), Township(s) & Range(s)	Section NW SW 27	T. 156N	R. 90W		
	Section	T.	R.		
	Section	T.	R.		
	Section	T.	R.		
8) Size of Hole 3-D	Amt of Charge	Depth	Source points per sq. ml.	No. of sq. ml.	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. ml. ①	No. of ln. ml. on pad	
10) Anticipated special drilling and plugging procedures?					
11) Enclose a pre-plot map with proposed location of seismic program lines and powder mag.					

Signed <i>Ala. Shymel</i>	Title V.P. STC	Date 07/22/2010
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(This space for State office use)		Conditions of Approval if any - Approved point on pad only. Additional source points must be prior approved. - seismic rules apply. - 300' setback from water wells, springs, pipelines.
Permit No. 920194	Approval Date 7/28/10	
Approved by <i>[Signature]</i>		
Title Mineral Resources Permit Manager		
County Approval Sent located on well pad		

*See Instructions On Reverse Side

Holweger, Todd L.

From: Jason Couch [JCouch2@slb.com]
Sent: Monday, July 26, 2010 10:29 AM
To: Holweger, Todd L.
Subject: RE: Seismic_ExplPermit.pdf
Attachments: DOC072210 (2).pdf

Here is the permit and I will call Evie for the payment

Jason Couch

Xpert Seismic

Schlumberger

Wireline

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