





PERMIT NO.	97-0020 97-0020												
SHOT HOLE OPERATIONS:						*NON-EXPLOSIVE OPERATIONS Vibroseis							
SECTION 1										·			
GEOPHYSICAL CO	NTRACTOR	l: West	ern Ge	ophysi	cal C	-					<u> </u>		
Western Geophysical Co. PROJECT NAME AND NUMBER: Lonesome Dove 3D COUNTY(S). Williams													
TOWNSHIP(S): T157N						RANGE(S): R102W & R103W							
PEAMITTED BY:	Bob S	Scoepp	e & Jo	hn Mor	ley					-			
DATE COMMENCE	D:	11/12/	97			DATE COMPLETED: 11/30/97							
SECTION 2				<u></u>		-					•		
FIRST S.P. #:	Γ S, P. #: N/A					LAST S.F. #:							
LOADED HOLES (UNDETONA	TED SHOT	PÓINTS)	•				,			_		
\$ P. #'s:	1											`	
CHARGE SIZE.:													
DEPTH:	 		,										
REASONS HOLES \	WERE NOT	SHOT:	_										
SECTION 3							_						
FLOWING HOLES S.P.#'s		 /A											
PROCEDURE FOR	PLUGGIN	G FLOW	NG HOLES										

Include a 7.5 minute USCS tepographic quadrangle map or a computer generated post-plot facsimile of the approximate scala displaying each individual

<u>ਬੀਨ ਨਿਹੜ੍ਹ ਵਿੱਚ ਪ੍ਰਿਵਾਸ਼, and leget location.</u>

AFFIDAVIT OF COMPLETION (GEOPHYSICAL CONTRACTOR STATE OF WYOMING COUNTY OF Campbell) Before me, ______, a Notary Public in and for the said County and State, this day personally appeared ______John Morley _____ who being first duly sworn, deposes and says that (s)he is employed by Western Geophysical Co. , 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. John Morley Geophysical Contractor Representative Subscribed in my presence and sworn before me this 4 day of December 1997. Notary Public Kalana () DEBORAH A. KIPP Notary Public Campbell County, WY My Commission Expires My Commission Expires 6-26-99 June 26, 1999

NORTH DAKOTA INDUSTRIAL COMMISSION

Wesley D. Norton DIRECTOR

F.E.Wilhorn ASSISTANT DIRECTOR

November 12, 1997

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

> RE: Geophysical Exploration Permit #97-0020

Dear Ms. Innis:

Pursuant to Section 38-08.1-04.2 of the North Dakota Century Code, please be advised that Western Geophysical Company was issued the above captioned permit on November 6, 1997 and will remain in effect for a period of one year.

Should you have any questions, please contact our office.

David C. Hvinden

Geophysical Regulation Supervisor

DCH/th



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Western Adas Interpational 370 17th Street, Suite 1800 Denver, Colorado 80202-5618

Tol 303-629-9250 Fux 303-595-0497

Western United States

FAX MESSAGE

T 0 - 4

ATTENTION:	Dave Hvinden	(701)328 -8 020
COMPANY:	Industrial Counission	(701)328-8022 Fax #
FROM:	Bob Schoeppe	(701)774-0241
DATE:	November 6, 1997	(701)774 0318 Fax #
NUMBER OF PAGE	S (Including cover sheet)	<u></u>
IF YOU HAVE ANY	QUESTIONS, PLEASE CALL (3	03) 629-9250 EXT. 438
	,	•
Dave,		·
Enclosed are the	signed permit along with a county m	ap. I called the office in Wyoming
and the check is being	g typed now & will arrive in Willist	on this weekend. I'll mail it to
you as soon as I recei	ive it. I'll hard copy mail this pen	mit to you along with the map. Fax
me back a signed copy	as soon as possible. Nice visiting	with you, Let me know if there is
any thing else I can o	do, Thanks!	
		Belle

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NORTH DAKOTA INDUSTRIAL COMMISSION

OIL AND GAS DIVISION

Wesley D. Norton
DIRECTOR

F.E.Wilborn ASSISTANT DIRECTOR

November 6, 1997

Mr. Bob Schoeppe Western Geophysical, Inc. % Airport International Inn 3601 2nd Ave. West Williston, ND 58801

> RE: Geophysical Exploration Regulations

Dear Mr. Schoeppe:

As per our telephone conversation of this afternoon, please find enclosed a copy of our tentative rules and regulations regarding geophysical exploration in North Dakota.

Also enclosed are permit and completion forms for your use on subsequent programs.

David C. Hvinden

Geophysical Regulations Supervisor

DCH/dh

Enclosures

Charles Assessed			AAArasa							
1) a. Company										
Contage	Company Com	pany		370 17th Street Suite 1800 Denver, Colorado 80202-50						
Bob Sch)774 - 0241			701)774-0318					
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				,3,10,11,12,1	1	T157N	. R103W			
				24 & 25.		T157N	R103W			
				<u>236</u>	<u> </u>	71 58N	R103W			
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NORTH DAKOTA INDUSTRIAL COMMISSION

OIL AND GAS DIVISION

Wesley D. Norion DIRECTOR F.E.Wilborn ASSISTANT DIRECTOR

November 14 ,1997

Western Geophysical Company ATTN: BOB SCHOEPPE 370-17th St., Ste. 1800 Denver, Co 80202-5618

RE: GEOPHYSICAL EXPLORATION PERMIT NO. 97-0020 LONESOME DOVE 3D - WILLIAMS CO.

Dear Mr. Schoeppe:

This letter will verify the approval of the above-captioned Geophysical Permit effective November 6, 1997.

Please feel free to contact Mr. David Hvinden, Geophysical Regulation Supervisor if you should have any questions.

Sincerely,

Marge Rixen Legal Assistant

/mr