STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT This form is not to be used for reporting

packer leakage tests in Southeast New Mexico

OIL CONSERVATION DIVISION

Page 1 Revised 10/01/78

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

								Well	
Operator	Meridian Oil Inc.	·		Lease	Helms Federal			No.	1A
Location								_	
of Well:	Unit C Sec	. 22 Twp.	030N	Rge.	010W	County		San Juan	
	NAME OF R	NAME OF RESERVOIR OR POOL				METHOD OF PROD.		PROD. MEDIUM	
					(Oil or Gas)	(Flo	w or Art. Lift)		r Csg.)
Upper						<u> </u>		(1081)	. 008.7
Completion	Pictured Cliffs				Gas	l	Flow	Ι ,	bg
Lower						-	11011	<u> </u>	<u> </u>
Completion	Mesaverde				Gas		Flow	,	bg
	<u> </u>	PD F.	EI OW SHITT-	IN DDE	SSURE DATA	.l.	1104	<u> </u>	ng
Upper	Hour, date shut-in	Length of time shut-in		1			S4-1:1: 40 (V.		
Completion	4-8-94	5 days	i *		s. psig		Stabilized? (Yes or No)		
Lower	1007	5 uay:	<u> </u>		430	430			
Completion	4-8-94	E	_	F00					
Combienon	4.0.04	5 days		<u> </u>	506	<u></u>			
C:	• (1 d)* 04 4	204	FLOW TEST	NO. I	<u></u>			Lower	
		3-94		Zone producing (Upper or Lower)					
TIME	LAPSED TIME		SURE		PROD. ZONE				
(hour,date)	SINCE*	Upper Completion	Lower Completion		TEMP		REMARKS		
11-Apr		397	492				س ئىللى	, v	J. 44
									-
12-Apr		418	501			加度的原理研究			
			į			l in		5 J W	
13-Apr		430	506		70.00	Course Bright Charles & Louis 1			
		-				•	F18.3	ा उ	`a}```i
14-Apr		430	279			16	ADSIL CO.	.enen	
					,	T (b)	एस एए		11/19/1
15-Apr		435	307				Diis	40	14120
									
						l			
Production r	ate during test								a made and a second
	-								
Oil:	BOPD based on	Bbls.	in	Hours.		Grav.		GOR	
				- 110 410		. 0141.			
Gas:		MCFPD; Tested the	u (Orifica or M	[eter)·					
		united the	.u (Office of M			· · · ·			
		· ·	тест сыпт п	N DDE	1011DE DATA				
Upper	Hour, date shut-in		TEST SHUT-II			_	A. 1 111 12 12		
Completion	riodr, usic sout-m	Length of time shut-in		SI pres.	SI pres. psig		Stabilized? (Yes	or No)	
	Have detail to			0.7					
Lower	Hour, date shut-in	Length of time shut-in		SI press	. psig		Stabilized? (Yes	or No)	
Completion .	1	1 '		l			Ī		

(Continue on reverse side)

FLOW TEST NO. 2

Commenced a	t (hour.date)**	·		Zone producing (U	Ipper or Lower):
TIME	LAPSED TIME	PRESSURE		PROD. ZONE	
(hour.date)	SINCE**	Upper Completion	Lower Completion	TEMP.	REMARKS
		1			
					j
	-				
		1			
				l	
-					
	<u> </u>	1		· ·	
Production:	rate during test	<u>-</u>	.,!		
	C				
Oil:	BOPD base	ed on	Bbls. in	Hours.	Grav GOR
Gas:			ested thru (Orifice or		
Remarks:					
I hereby cer	rtify that the informa	tion herein containe	d is true and comple	te to the best of my	knowledge.
•			-		
Approved	MAI I O	1994	19	Operator	Meridian Oil Inc.
					TANYA ATCITTY
New Mexico Oil Conservation Division				Ву	PERATIONS ASSISTANT
Ву	Original Signed by CHARLES GHOLSON			U Title	LEUMITONO NOOTANI
-,			•		1AY 1 1 1934
Title	DEPUTY OIL R	GAS INSPECTOR	, DIST. #3	Date j	1H1 11107

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

- 1. A packer leakage test shall be commenced on each multiply completed well within seven days after except that the previously produced zone shall remain shut-in while the zone which actual completion of the well, and annually thereafter as prescribed by the order authorizing the multiple completion. Such tests shall also be connected on all multiple completions within seven days following recompletion and/or chemical or frac-ture treatment, and whenever remedial work has been done on a well during which the packer or the tubing have been disturbed. Tests shall also be taken at any time that communication is suspected or when requested by the Division.
- 2. At least 72 hours prior to the commencement of any packer leakage test, the operator shall notify the Division in writing of the exact time the test is to be commenced. Offset operators shall also be so notified.
- 3. The packer leakage test shall commence when both zones of the dual completion are shut-in for pressure stabilization. both zones shall remain shut-in until the well-head pressure in each has stabilized, provided however, that they need not remain shut-in more than seven days.
- 4. For flow Test No. 1, one zone of the dual completion shall be produced at the normal rate of production while the other zone remains shat-in. Such test shall be continued for seven days if the case of a gas well and for 24 hours in the case of an oil well. Note: if, on an initial packer leakage test, a gas well is being flowed to the atmosphere due to the lack of a pipeline connection the flow period shall be three hours.
- 5. Following completion of flow Test No. 1, the well shall again be shut-in, in accordance with Paragraph 3 above.
- 6. Flow Test No. 2 shall be conducted even though no leak was indicated during flow Test No. 1. Procedure for Flow Test No. 2 is to be the same as for Flow Test No. 1

- was previously shut-in is produced.
- 7. Pressures for gas-zone tests must be measured on each zone with a deadweight pressure gauge at time intervals as follows: 3 hours tests: immediately prior to the beginning of each flow-period, at fifteen minute intervals during the first hour thereof, and at hourly intervals thereafter, including one pressure measurement immediately prior to the flow period, at least one time during each flow period (at approximately the midway point) and immediately prior to the conclusion of each flow period. Other pressures may be taken as desired, or may be requested on wells which have previously shown questionable test data.
- 24-hour oil zone tests: all pressures, throughout the entire test, shall be continuously measured and recorded with recording pressure gauges the accuracy of which must be checked at least twice, once at the beginning and once at the end of each test, with a deadweight pressure gauge. If a well is a gas-oil or an oil-gas dual completion, the recording gauge shall be required on the oil zone only, with deadweight pressures as required above being taken on the gaz zone.
- 8. The results of the above described tests shall be filed in triplicate within 15 days after completion of the test. Tests shall be filed with the Aztec District Office of the New Mexico Oil Conservation Division of Northwest New Mexico Packer Leakage Test form Revised 10/01/78 with all deadweight pressures indicated thereon as well as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only).