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

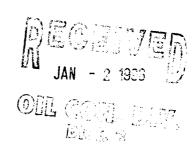
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NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator	MERIDIAN OIL INC.	ī	Lease C	CANYON LARGO UNIT			Well No. 409					
Location	A	Twp. 02					RIO ARRIBA					
of Well:	Unit B Sect. 15	<u> </u>	JA I	TYPE OF			D OF PROD.	PROD. MEDIUM				
	NAME OF RESERVOIR OR POOL					or Art. Lift)	(Tbg. or Csg.)					
Upper Completion	DAKOTA	GAS FLOW			TUBING							
Lower						FLOW						
Completion						FLOW						
PRE-FLOW SHUT-IN PRESSURE DATA												
Upper	Hour, date shut-in	Length of time shut-in		SI press. psig				Stabilized? (Yes or No)				
Completion	10-7-95	5-Days		7.5			<u> </u>					
Lower Completion	10-7-95	3-Days		1250			<u> </u>					
FLOW TEST NO. 1												
Commenced	at (hour,date)*				Zone producing (Upper or Lo							
TIME	LAPSED TIME	PRE	SSURE		PROD. ZONE							
(hour,date)	SINCE*	Upper Completion		ompletion	TEMP	<u>`</u>	REI	MARKS				
10-7		75	400									
10-8		75	420									
10-9		75	1250									
10-10	·	75	130									
10-11		75	130									
				.								
Production	rate during test	<u>-</u>	<u>.</u>		<u> </u>							
Oil:	BOPD based on	Bbls. <u>i</u>	n	Hours	·	Grav	/	GOR				
Gas:	M	CFPD; Tested thru	(Orifice o	or Meter): _								
		MID TEST	eui er n	d DD Feei II	DE DATA							
Upper	Hour, date shut-in	MID-TEST SHUT-II Hour, date shut-in Length of time shut-in					Stabilized? ((es or No)				
Completion	1		t-in SI press. pa									
Lower Completion	Hour, date shut-in	Length of time shut	of time shut-in		SI press. psig			(es or No)				

(Continue on reverse side)



FLOW TEST NO. 2

Commenced at	(hour,date)**			Zone producing (Upper or Lower):				
TIME	LAPSED TIME	PRESSURE		PROD. ZONE	~			
(hour.date)	SINCE**	Upper Completion	Lower Completion	TEMP.	REMARKS			
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	-			 				
Production r	ate during test			_1				
i roducaon i	are during test							
Oil:	DODD hase	d a.e.	Dia :-	••				
Gas:	BOPD based on Bbls. in MCFPD; Tested thru (Orifi				GravGOR			
Remarks:		MCFPD; 16	stea thru (Onnce or	Meter):				
Kemarks.								
T hambu as		11						
I hereby cer	ury mat me informat	ion nerein containe	d is true and complet	te to the best of my ki	nowledge.			
A		A CONTRACTOR OF THE PROPERTY O	:					
Approved	Johnny A	A Company of the Comp	19	Operator	Meridian Oil			
	No And Company and Address of							
New Mexica Oil Conservation Division JAN 1 7 1996				Ву	Dolores Diaz			
	JAN 1	7 1996						
Ву				Title	Operations Associate			
	DEPUTY OIL &	BAS MEPECITA						
Title	6		l .	Date	12/29/95			

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 shat-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 shut-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 sests 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 hourty intervals thereafter, including one pressure measure 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 days.
- 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).