STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT Thus form is not to be used for reporting packer leakage tests in Southeast New Mexico

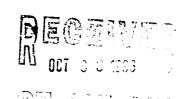
## OIL CONSERVATION DIVISION

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## NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator MERIDIAN OIL INC.					Lease	EAST			Well No.	010M		
Location of Well:	Unit N	Sect.	26	Twp. 0:	31N	Rge.	012W	County	y SZ	NAUL NA		
	NAME OF RESERVOIR OR POOL						TYPE OF PROD.		METHOD OF PROD.		PROD	MEDIUM
						(Oil or Gas)			(Flow or Art. Lift)		(Tb <sub>l</sub>	g. or Csg.)
Upp <del>er</del> Completion	MESAVERDE						GAS FLOW		O₩		TUBI	1G
Lower Completion	DAKOTA					GAS	GAS FLOW			TUBING		
				PRE-FLOW	SHUT-IN	N PRESS	URE DAT	'A	-			
Upper	Hour, date shut-in Length of time shut-in						P) 18	C		Stabilized? (Y	es or No)	
Completion	138m-7.2696 3 down				231-240 13							
Lower Completion	7 5/ 7 2L 7/0			Sdorp			351			***		
FLOW TEST NO. 1												
Commenced at	(hour,date)*	739 <sub>M</sub> .	1.	19.90		Zone producing (Upper or Lower)						
TIME	LAPSED TIME			PRE	PROD. ZO		. ZONE					
(hour,date)	SINCE*			Upper Completion	ompletion TEMP		MP	REM		MARKS		
194-7.294	1 72	Ho		7 - 6 231-240	35	1			TURNY	Dod M	N) upre	1 Lone
12 1 20	96 Hrs 201. 205		201. 205	751		1		Having MV-		711		
34. 7319	ster ID Uis			he Hy 35				,	أنسا	10 65	- 04	téramis de
J				V					1	Samo Chi	Dest	الماد معر
	+ NV	Howes	W	Compt éssis					No	Schalk	<u></u>	MINUC(
		. =	1	<del></del>						1		
Production ra	ate during test							!				
Oil: BOPD based on Bbls. in					Но	urs	(	Gтаv		GOR		
Gas: MCFPD; Tested thru (Orifice or Meter):												
MID-TEST SHUT-IN PRESSURE DATA												
Upper Completion	Hour, date shut-in Length of time shut-in				SI press. psig Stabilized? (Y			es or No)				
Lower Completion	Hour, date shut-in			Length of time shut-in		SI press. psig			Stabilized? (Yes or No)			

(Continue on reverse side)



## FLOW TEST NO. 2

Commenced a	t (hour,date)**			Zone producing (Upper or Lower):						
TIME	LAPSED TIME	PRI	ESSURE	PROD. ZONE						
(hour.date)	SINCE**	Upper Completion	Lower Completion	ТЕМР.		REMARKS				
		<u> </u>								
		<u> </u>								
Production i	rate during test									
Oil:	BOPD base	ed on	Bbls. in	Hours.	Grav.	GOR				
Gas:		MCFPD; Te	sted thru (Orifice or	Meter):						
Remarks:										
I hereby cer	tify that the informat	tion herein containe	d is true and complet	te to the best of my ki	nowledge.	Ω				
				0.	1 1 1	1				
Approved		<u> NOV 05</u>	19989	Operator VIII	uncton 10	wasen Inc				
				1	1 N	•				
New Mex	ico Oil Conservation	n Diversion		By Kul	ors sia	50				
		Mencal Lan	i caa	•	,- /	ソーシ				
Ву		Colean (A)	Digital .	_ Title	eten Ck	nosciate				
	De	puty Oil & Ga	s inspector	•						
Title			•	Date						

## 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
- 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 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 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).