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

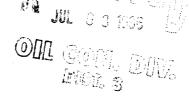
OIL CONSERVATION DIVISION

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NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator 1	MERIDIAN OIL INC.		Lease SAN JUA	N 29-7 UNIT	No. 031A	
Location	Unit. J Sect. 3	2 Twp. 029N	Rge. 007W	County RIO ARRI	BA	
Γ	NAME OF RESI	ERVOIR OR POOL	TYPE OF PROD.	METHOD OF PROD.	PROD. MEDIUM	
			(Oil or Gas)	(Flow or Art. Lift)	(Tbg. or Csg.)	
Upper Completion	MESAVERDE		GAS	FLOW	TUBING	
Lower Completion	DAKOTA		GAS	GAS FLOW		
	A	PRE-FLOW SHU	T-IN PRESSURE DAT.	A		
Upper	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized?	Yes or No)	
Completion	5.3-96	5 Da4	390	,		
Lower Completion	6-3-96	3 Oa4	325	Q		
			V TEST NO. 1			
Commenced	at (hour,date)* $5-6$	96	Zone pr	Zone producing (Upper of Lower)		
TIME	LAPSED TIME	/N // PRESSU	RE A K PROD	ZONE		
(hour,date)	SINCE*	Upper Completion Lo	wer Completion TE	EMIP R	EMARKS	
5690	5 72	300	322			
5-7-9	6 96	3/2	295			
5.8.9	120	390	296			
	7 3.0					
				· · ·		
Production	rate during test					
Oil:	BOPD based on_	Bbls. in	Hours.	Grav	GOR	
Gas:]	MCFPD; Tested thru (Or	ifice or Meter):	250		
			UT-IN PRESSURE DAT			
Upper Completion	Hour, date shut-in	Length of time shut-in	SI press. psig		(Yes or No)	
Lower Completion	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized	? (Yes or No)	

(Continue on reverse side)



ELOW TEST NO 3

Commenced	at (hour,date)**		12011123			
		T		Zone producing (Upper or Lower):		
TIME	LAPSED TIME	PRESSURE		PROD. ZONE		
(hour,date)	SINCE**	Upper Completion	Lower Completion	TEMP.	REMARKS	
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	İ				į	
Production	rate during test					
	and daring above					
Oil:	DODD have	*	7.1. ·		_	
	BOPD based on Bbls. in				GravGOR	
Gas:		MCFPD; Te	sted thru (Orifice or	Meter):		
Remarks:						
I hereby cer	tify that the informa	tion herein containe	d is true and complet	e to the best of my k	nowledge.	
					M = 1	
Approved			19	Operator	Meredian pil	
	JUL 0 3 1936					
New Mer	•			By		
New Mexico Oil Conservation Division					DOLORES DIAZ	
_	- Johnny Robins			ODEDATIO	A = = = =	
Ву				Tide		
		₩			1 300 00	
Title	Depti	<u>y C.I. A. Giao II</u>	erfacera	Date	6-28-96	

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 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 wen shall again be shut-in, in accordance with Paragraph 3 above.
- 5. Flow Test No. 2 shall be conducted even though no converse was indicated during flow Test No. 1. Procedure for Flow Test No. 2 is to be the same as for Fig. 4. 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).