STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

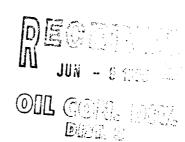
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This form is not to be used for reporting packer leakage tests in Southeast New Mexico

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

										Well		
Operator	MERIDIAN OIL INC.						JICARILLA 152 W			No.	5A	
Location	77-is 0	C	7	Т	261	D	EW	C		DIO ADDI	D.A.	
of Well:	Unit 0 Sect 7 Twp. 26N NAME OF RESERVOIR OR POOL						Rge. 5W		County		RIO ARRIBA	
							TYPE OF PROD. (Oil or Gas)		METHOD OF PROD. (Flow or Art. Lift)		PROD. MEDIUM (Tbg. or Csg.)	
Upper						† · · · ˈ	On or Gas)	(110	w of Air. Lify	(IDg. (or Cag.)	
Completion	PICTURED CLIFFS						GAS		FLOW		TBG	
Lower	TIOTORED OLITO											
Completion	MESAVERDE					GAS			FLOW	FLOW TBG		
				PRE-	FLOW SHUT-	IN PRE		L				
Upper	Hour, date shut-in Length of time shut-in						SI press. psig Stabilized? (Y			or No)		
Completion	5-5-95 7 DAYS			/S	479							
Lower					·			-				
Completion	5-5-95	5-95 5 DAYS					464					
					FLOW TEST	NO. 1	.		_			
Commenced at (hour,date)* 5-10-95							Zone producing	oducing (Upper or Lower) LOWER				
TIME	LAPSED TIM	E	PRESSURE				PROD. ZONE					
(hour,date)	SINCE*		Upper Com	pletion	Lower Comple	tion	TEMP	REMARKS				
8-May			4!	56	430							
9-May			4	69	446							
10-May			479 464									
44.84												
11-May			4	80	380						. <u></u>	
12-May			4	80	378							
Production r	ate during test						 					
Oil:	BOPD bas	ed on		Bbis.	in	Hours.		Grav.		GOR		
						-		-		_		
Gas:			MCFPD; T	ested the	ru (Orifice or M	leter):						
				MID-	TEST SHUT-I	N PRES	SURE DATA					
Upper Completion	Hour, date shut-in		Length of time shut-in			SI pres. psig			Stabilized? (Yes or No)			
Lower	Hour, date shut-in		Length of time shut-in			SI press. psig			Stabilized? (Yes or No)			
Completion	L		<u> </u>			l					<u> </u>	

(Continue on reverse side)



FLOW TEST NO. 2

Commenced a	t (hour,date)**			Zone producing (Upper or Lower):					
ПМЕ	LAPSED TIME	PSED TIME PRE		PROD. ZONE					
(hour.date)	SINCE**	Upper Completion	Lower Completion	TEMP.	RI	EMARKS			
					1				
									
				ļ					
					_				
				!					
				<u> </u>					
Production :	rate during test	•	·	<u> </u>					
Oil:	BOPD based on		Bbls. in	Hours.	Grav.	GOR			
Gas:		MCFPD; Te	ested thru (Onfice or						
Remarks:						· <u> </u>			
				-					
I hereby cer	tify that the informa	tion herein containe	d is true and comple	te to the best of my k	nowledge.				
				·	•				
Approved Johnny Rollinson New Mexico Oil Conservation Division 1 2 995		19	Operator	Meridian Oil	Meridian Oil Inc.				
New Mex	cico Oil Conservațio	n Division		Ву	Tanya Atcitt	у			
	JUN	1 2 1995			•	<u></u>			
Ву			100	Title	Operations /	Associate			
	DEPUTY OIL	& GAS INSPECT	OR						
itle	52. 3.1 3.2			Date	5/6/95				

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

- A packer leakage test shall be commenced on each multiply completed well within seven days after except that the previously produced zone shall remain shat-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 natified
- 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 abut-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 shull 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 shat-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 measuremen 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 Pacier 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).