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

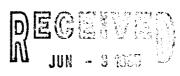
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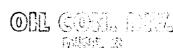
Wall

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator	MERIDIAN OIL INC.					T	UEL MO CEDED			WEII		
Location	MENIDIAN OIL ING.					_ Lease	HELMS FEDER	AL		_ No	1	
	71 '. V		20	_	001	_	40141	_				
of Well:	Unit K	Sect		Twp.	30N	Rge.	10W	County		SAN JUA	<u>N</u>	
	NAME OF RESERVOIR OR POOL						TYPE OF PROD.		METHOD OF PROD.		MEDIU	ЛМ
						_	(Oil or Gas)	(Fl	ow or Art. Lift)	(Tbg. c	or Csg.)	
Upper						1						
Completion	MESAVERDE					ļ	GAS		FLOW	1	BG	
Lower												
Completion	DAKOTA						GAS		FLOW	1	BG	
				PRE-	FLOW SHUT-	IN PRE	SSURE DATA					
Upper	Hour, date shut-in		Length of tin	ne shut-in		SI press	s. psig	Stabilized? (Yes or No)				
Completion	5-5-95 5 DAYS				'S		459					
Lower												
Completion	5-5-95			3 DAY	'S		772	772				
					FLOW TEST	NO. 1			·			
Commenced a	at (hour,date)*	5-8-9)5				Zone producing	(Upper o	r Lower)	LOWER		_
TIME	LAPSED TIME PRESSURE						PROD. ZONE	<u> </u>	······································			
(hour,date)	SINCE*		Upper Con		Lower Comple	etion	ТЕМР		REMAR	KS		
					***		1					
6-May			4!	58	747	7						
<u> </u>												
7-May		459 76			3							
			· · · · · · · · · · · · · · · · · · ·	-	,,,,			<u></u>				
8-May			4	59	772)						
<u> </u>			·	-	772							
9-May			, A	70	289	1						
O iliay	<u> </u>		· · · · · ·	,,,	200	<u>, </u>						
10-May			.	70	273	,		Ī				
10-May			- 4	70	2/3	<u> </u>		 				
Desderate	<u> </u>		<u>.</u>				<u> </u>	L				
Production i	rate during test											
0.1												
Oil:	BOPD based	on		Bbls.	in	_ Hours	·	Grav.		GOR _		
_												
Gas:			MCFPD; T	ested thr	u (Orifice or N	Meter):	-					_
	T		r		TEST SHUT-I	1	SSURE DATA	_				
Upper	Hour, date shut-in Length of time shut-in					SI pres. psig			Stabilized? (Yes or No)			
Completion									ļ			
Lower	Hour, date shut-in		Length of tin	ne shut-in		SI press	s. psig		Stabilized? (Yes	s or No)		
Completion	I		i			1			I			

(Continue on reverse side)





FLOW TEST NO. 2

Commenced at	t (hour.gate)**			Zone producing (Upper or Lower):				
TIME LAPSED TIME		PRE	ESSURE	PROD. ZONE				
hour.date)	SINCE**	Upper Completion	Lower Completion	TEMP.		REMARKS		
: i				i i				
		· 						
Production r	rate during							
					-	205		
Oil:					Grav.	GOR		
Gas:		MCFPD; Te	ested thru (Orifice or	Meter):				
Remarks:					- IP			
l hereby cer	tify that the informa	ition herein containe	d is true and comple	te to the best of my k	nowledge.			
	0.8.	P. 0.			Meridian C	il Inc		
Approved	yearn	y notice y	<u> </u>	Operator	Wiendian	W 1110.		
Nr. N4					Tanya Atci	Hv		
New Mex	tico Oil Conservatio	7 Tris 7 1995		Ву	Tallya Atti	щ		
				mial -	Operations	Associate		
Ву	DEDUTY O	IL & GAS INSPEC	700	Title	Operations	, rissociate		

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

- 1. A packer leakage test shall be commenced on each multiply completed well within seven days after cacept 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 frao-ture treatment, and whenever remedial work has been Jone on a well during which the pacies or the taking 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 small 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 shart-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 houriv 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 filled 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).