STATE OF HEW MEXICO ENERGY and MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

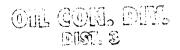
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This form is not to be used for reporting packer I alwage tests in Southeast New Mexico

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator	N ERIDIAN OIL INC			Lease	HUERFANITO			Well No.	86	
Location				-				-		
of Well:	Unit L Sec.	36 Twp.	27 N	Rge.	9W	County		SAN JUAN		
	NAME OF RE	SERVOIR OR POOL		TYI	PE OF PROD.	METHO	DD OF PROD.	PROD. M	IEDIUM	
					(Oil or Gas)		(Flow or Art. Lift)		(Tbg. or Csg.)	
Upper						1				
Completion	MESAVERDE				GAS		FLOW	ТВ	G	
Lower										
Completion	DAKOTA				GAS FLOW		FLOW	TBG		
		PRE-	FLOW SHUT	IN PRE	SSURE DATA		.			
Upper	Hour, date shut-in	Length of time shut-in		SI press	SI press. psig		Stabilized? (Yes or No)			
Completion	7-15-94	5 DAY	rs .		412					
Lower										
Completion	7-15-94	5 DAY	'S		385					
			FLOW TEST	NO. 1						
Commenced a	at (iour.date)* 7.20	-94			Zone producing	(Upper o	r Lower)	LOWER		
TIME	LAPSED TIME	PRES:	SURE		PROD. ZONE					
(hour,date)	SINCE*	Upper Completion	Lower Completion		TEMP	REMAI		RKS		
									3	
18-Jul		410	37	5		<u> </u>		1.4	. 1	
19-Jul		412	38	3		<u> </u>				
20-Jul		412	38	5		<u> </u>	-, · · · · · · · · · · · · · · · · · · ·			
									,	
21.Jul		412	21	9	<u> </u>					
22·Jul		412	21	9		1				
Production	rate during test									
	·									
Oil:	BOPD based on	Bbls.	in	Hours		Grav.		GOR		
						_				
Gas:		MCFPD; Tested th	ru (Orifice or	Meter):						
		-								
		MID	-TEST SHUT	-IN PRE	SSURE DATA					
Upper	l (our, date shut-in	Length of time shut-in		SI pres. psig			Stabilized? (Yes or No)			
Completion									<u>.</u>	
Lower	lour, date shut-in	Length of time shut-in	SI press. psig			Stabilized? (Yes or No)				
Completion										
_ Jiipicuon							مارين والمساور المساور	50 S. 10 S. 10	way same and	

(Continue on reverse side)



FLOW TEST NO 2

nmenced a	at (hour.date)**		72011 1231	Zone producing (U	pper or Lowers:			
TIME LAPSED TIME PRESSURE			ESSURE	PROD. ZONE				
ur.date:	SINCE**	Upper Completion Lower Completion		TEMP.	REMARKS			
				Ī				
	<u> </u>		<u> </u>					
			Separate vision					
	 		-					
			 					
				+				
oduction	rate during test							
:	BOPD ba	sed on	Bbls. in	_ Hours.	Grav. GOR			
S :		MCFPD; Te	ested thru (Orifice or	Meter):				
marks:								
ereny ce			a is true and comple	te to the best of my	knowledge.			
proved	AUG -	4 1994	19	Operator	Meridian Oil Inc.			
New Mexico Gil Conservation Division				Ву	TANYA ATCITTY			
	Charles		_	0	PERATIONS ASSISTANT			
		71000	~	Title				
	DEMON AF -							
le	DEPUTY OIL & GAS INSPECTOR, DIST. #3			Date				

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

A macker leakage test shall be commenced on each multiply completed well within seven days after except that the previously produced zone shall remain shall in white the zone which actual, completion of the well, and annually thereafter as prescribed by the order authorizing the mustime 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 remodial 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.

- 1. At cast 72 hours prior to the commencement of any packer leakage test, the operator shall notify the thirdson in writing of the exact time the test is to be commenced. Offset operators shall also be so
- The maction leakage test shall commence when both zones of the dual commission are shut-in for pressure stabilization, both zones shall remain shut-in until the well-head pressure in each has -tantified innovided however, that they need not remain shut-in more than even days.
- -. 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 shar-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 pas well is being flowed to the atmosphere due to the lack of a pipeline connection the flow period shall he three hours.
- Fo jowing completion of flow Test No. 1, the well shall again be shut-in, in accordance with raragrapo 3 above.
- 6. Fig. 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 tollows: 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 worls which have previously shown questionable test data.
- 24-nour 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 small be filed with the Aziec District Office of the New Mexico Oil Conservation Division of Northwest New Mexico Packer Leakage Fest form Revised 10/01/78 with all deadweight pressures indicated thereon as well as the flowing temperatures (gas zones only) and gravity and GOR (ail zones only)