## STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION

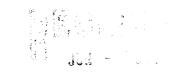
Page i Revised 10/01/78

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.	Lease	SAN JUAN 27-4 UNIT			No.	134		
Location		0	271	Rge.	ASA	<b>a</b> .		DIO ADDI	D A
of Well:	Unit N Sect 9 Twp. 27N  NAME OF RESERVOIR OR POOL				4W	County	OF BROD	RIO ARRIBA	
					TYPE OF PROD.		METHOD OF PROD.		PROD. MEDIUM
	<u> </u>	<del></del>		+	Oil or Gas)	(Flo	w or Art. Lift)	(1bg. c	or Csg.)
Upper	DIATURED OLIFER			1	040		CI OW	١,	rne.
Completion	PICTURED CLIFFS	GAS		FLOW		TBG			
Lower	AAE OA WEDDE	i	040	ELOW		,	- DO		
Completion	MESAVERDE				GAS	<u> </u>	FLOW	<u></u> 1	BG
	· · · · · · · · · · · · · · · · · · ·	1	***	T	SSURE DATA				
Upper	Hour, date shut-in	Length of time shut-in		SI press	SI press. psig		Stabilized? (Yes		
Completion	4-7-95	6 DAY	rs						
Lower									
Completion	4-7-95	4 DAY		<u> </u>	462				
<del></del>			FLOW TEST	NO. 1	T			100/55	
	at (hour.date)* 4-11				Zone producing	(Upper o	r Lower)	LOWER	
ПМЕ	LAPSED TIME	PRES			PROD. ZONE				
(hour,date)	SINCE*	Upper Completion	Lower Comp	letion	TEMP		REMAR	KS	
		400	40	^					
9-Apr		486	46	U	ļ	<del> </del>			
10.4		400	40						
10-Apr		486	46	1	T	<del> </del>			
11 4		407	462			1			
11-Apr	ļ	487	40	2		<del> </del>			
10.4		407	20						
12-Apr		487	39	396		-		-	
40.4		400		397		1			
13-Apr		488	39	/	<u> </u>	<del> </del>			
<u> </u>			<u> </u>	· · · · · · ·	<u> </u>	<u> </u>			
Production	rate during test								
0:1-	DODD based an	DL1.	t	Uaum		Georg		GOR	
Oil:	BOPD based on	Bbls.	. 111	_ nours	•	_ Grav.		_ OOK _	
Con		MCFPD; Tested th	m (Orifice or	Mater):					
Gas:		_ MCFFD, residu ui	itu (Olliice Ol	MICICI).					
		МП	LTEST SHIT	IN DDE	SSURE DATA				
Upper	Hour, date shut-in	Length of time shut-in	****	SI pres			Stabilized? (Y	es or No)	
Completion	rrour, una suut-m	Profession or mine some it	•	or bres	. hark		1	0,	
Lower	Hour, date shut-in	Length of time shut-in		SI pres	s neig		Stabilized? (Y	es or No)	
Completion	Trout, take silut-iii	rengal of thine shat-in		or bres	n. hore		(1)	~ 01 110)	
Completion	Ī	1		1			1		

(Continue on reverse side)



FLOW TEST NO. 2

Commenced a	t (hour,date)**			Zone producing (Upper or Lower):				
TIME	LAPSED TIME	PRESSURE		PROD. ZONE				
(hour,date)	SINCE**	Upper Completion	Lower Completion	TEMP.	REMARKS			
					TO DATE			
<del></del>								
		<del></del>						
Production -	ate during test							
i roduction i	are during test							
Oil:	ROPD has	ad an	DI I					
Gas:	Buis.		Bols. in	Hours	Grav. GOR			
Remarks:		MCFPD; le	sted thru (Orifice or	Meter):				
I hereby cert	ify that the informa	tion herein contained	is true and complet	e to the best of my k				
	•		o is true and complete	e to the best of my k	nowledge.			
Approved	Johnne	4 Rolinson	- 19	Operator	Meridian Oil Inc.			
	"   "	y Rolinson						
New Mexi	co Oil Conservation	Division		Ву	Tanya Atcitty			
	1 301	ן כצפו זיט יי						
By				Title	Operations Associate			
	DEPUTY OI	L & GAS INSPECT	OR					
Title				Date	6-5-95			

## 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 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 nixified.
- 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 he 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 wella which have previously shown questionable test data.
- 24-hour oil zone tests: all pressures, throughout the entire test, shall be consinuously 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).