j 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

Page i Revised 10/01/78

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

								Well	
Operator	MERIDIAN OIL, INC.				Lease HARRINGTON			No.	9
Location				_					
of Well:	Unit J Sec	t 31 Twp.	27N	Rge.	07W	County		RIO AR	RIBA
	NAME OF RESERVOIR OR POOL			TYPE OF PROD.		METHOD OF PROD.		PROD. MEDIUM	
				(Oil or Gas)		(Flow or Art. Lift)		(Tbg. or Csg.)	
Upper				 	<u> </u>	(1.10	w or rue care)	(Tog. C	· Cag./
Completion	MV- CHARG			GAS			FLOW	TBG.	
Lower				100.00				100.	
Completion	DAKOTA- GALLUP					FLOW TBG.			
	1-1-4-1-1	PRE	FLOW SHIT.	GAS IN PRE	SSURE DATA	L	PLOW	TBG.	
Upper	Hour, date shut-in	Length of time shut-in		T			Chaliffer 42 CV	N - >	
Completion	1/8/95	congui or time shat-ni	SI press. psig 46			Stabilized? (Yes or No)			
Lower	1,7,00		· · · · · · · · · · · · · · · · · · ·	+0			 		
Completion	1/8/96			156					
	1 170,00	<u> </u>	FLOW TEST				l		
Commenced a	it (hour,date)*		FLOW IEST	NO. I				LOWER	
TIME	T					(Upper or Lower) LOWER			
(hour.date)	1	SINCE* Upper Completion Lower Comp		PROD. ZONE		1			
(nour,date)	SINCE			tion	TEMP		REMAR	KS	
16-Jan		46 156		!		MELLIS NEWLY C		COMADI E	TED
		+	150	<u>'</u>		WELL IS NEWLY COMPLETED			
16-Jan			120		Pressure THE PACKER AN		TUBIN	G	
						CONFIGURATION IS			
		1	 						
						ISOLATING EACH PRODUCING			
		 				HORIZ	ON.		
Production 1	rate during test		L		<u></u>	L	· · · · · · · · · · · · · · · · · · ·		
Oil:	BOPD based on	Bbls.	in	Hours.		Grav.		GOR	
									
Gas:		MCFPD; Tested the	ru (Orifice or N	leter):					
		-		•					
	I		TEST SHUT-I	N PRES	SURE DATA				
Upper	Hour, date shut-in	Length of time shut-in	SI pres. psig			Stabilized? (Yes or No)			
Completion		 		<u> </u>					
Lower	Hour, date shut-in	Length of time shut-in		SI press	. psig		Stabilized? (Yes	or No)	
Completion	į .	1		1					

(Continue on reverse side)

FLOW TEST NO. 2 Zone producing (Upper or Lower): Commenced at (hour,date)** PROD. ZONE TIME LAPSED TIME PRESSURE REMARKS TEMP. (hour.date) SINCE** Upper Completion Lower Completion Production rate during test GOR Grav. BOPD based on Bbls. in Hours. Gas: MCFPD; Tested thru (Orifice or Meter): Remarks: I hereby certify that the information herein contained is true and complete to the best of may knowledge. MERIDIAN OIL, INC. Approved 19 Operator New Mexico Oil Conse Ву Title Ву

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

Date

1. A packer leakage test shall be commenced on each multiply completed well within seven days after actual completion of the well, and annually thereafter as prescribed by the order authorizing the multiple completion. Such tests shall also be elemenced on all multiple completions within seven days following recompletion and/or chemical or francus treatment, and whenever remedial work has been done on a well during which the packer or the tabling have been distincted. Tests shall also be taken at any time that communication is suspected or when requested by the Division.

90 day approval

Title

- At least 72 hours prior to the commencement of any pacter lealage 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 less stabilized, provided however, that they need not remain shut-in mape than seven days.
- 4. For flow Test No. 1, one zone of the dual completion shall be groduced at the normal rate of production while the other zone remains shall be such uset shall be continued for seven days if the case of a gas well and for 24 hours in the case of an oil well. Nine: if, on an initial packer leakage test, a gas well is being flowed to the atmosphere due to the tack of a pipuline 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.
- 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

except that the previously produced zone shall remain shut-in while the zone which was previously shus-in is produced.

1/18/95

- 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 tests flow-period, at fifteen minute intervals during the first hour thereof, and galantify intervals thereafter, including one pressure measurement immediately girler 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 gibroviously shown questionable test data.
- 24-hour oil: given 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 gaussures as required above being taken on the gaz zone.
- deadweight sensures 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 Azucc District Office of the New Mexicos 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 semperatures (gas zones only) and gravity and GOR (oil zones only).