STATE OF NEW MEXICO ### ### STATE OF NEW MEXICO

OIL CONSERVATION DIVISION

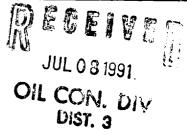
Page Revised 10/01/7

7. -

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

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator MERIDIAN OIL INC.				Lease _	Lease JICARILLA L			12	
Location of Well:	Unit	J Sec. 34	Twp. 25N	Rge	5W	Cou	inty Ric	o Arriba	
NAME OF RESERVOIR OR POOL			TYPE OF I	1	METHOD OF PROD. (Flow or Art. Lift)		PROD. MEDIUM (Tog. or Cag.)		
Upper CHACRA				GAS		FLOW		TBG.	
Completion DAKOTA			GAS	GAS			TBG.		
			PRE-FL	OW SHUT-IN P	RESSURE DA	TA			
Upper Completion 6/21/91 Length of 3 D		Length of time sno 3 Days	23		Stabilized		es or No)		
Lower Completion	LOWER		3 Days	SI press, psig		Stabilized		es or Noj	
				FLOW TEST	NO. 1		<u> </u>		
Commenced	at (hour, dat	ei* 6/24/91			Zone producing (Upper or Lower: LOWE)*				
TIME (hour, date)		Lapsed time Since*	PRES. Upper Completion	SURE Lower Completion	PROD. ZONE TEMP.		REMARKS		
6/22/9	91	1 Day	23	901					
6/23/9	91	2 Days	23	913		,			
6/24/9	91	3 Days	23	917					
6/25/9	91	4 Days	23	261					
6/26/91		5 Days	23	257			,		
					-				
Productio	n rate di	iring test							
Dil: BOPD based on Bbls. in Hours Grav GOR									
Gas:	-		MCFF	D: Tested thru	(Orifice or Me	rter):			
			MID-TE	ST SHUT-IN PR	ESSURE DAT	A			
Upper Hour, date snut-in Langth of time snut-in Completion		enn.	SI press. as/g	press. osig Stabilized? iYes or Noi		s of Nai			
Lower Completion Length of time shut-in				-10	SI press. psig	Stabilized? (Yes or No)			
							250		



Commenced at (hour, date) **

FLOW TEST NO. 2

Zone producing (Upper or Lower:

TIME	LAPSED TIME	PRESSURE		PROD. ZONE		
(hour, date)	SINCE **	Upper Completion	Lower Completion	TEMP.	REMARKS	
	ŧ					
	- 					
<u></u>		<u> </u>	<u> </u>			
Production rate	during test				·	
Oil.	POP	The second second	771		C COR	
Oii:	BUP	D based on	BDIS. 10	Hours	Grav GOR	
Gas:		MCF	PD: Tested thru	(Orifice or Meter	;):	
Remarks:						
I hereby certify	that the informati	ion herein contain	ed is true and co	emplete to the be	st of my knowledge.	
Anneoved	1111 00 101	n •	10 (Operator	MERIDIAN OIL INC.	
New Mexico	Oil Conservation I	Division		operator		
			E	3y	BARBARA NORMAN	
_	Original Signed by C	HARLES GHOLSON			PRODUCTION ASSISTANT	
ру	'			Tide	0 7 4001	
Title DEP	PUTY OIL & GAS INS	PECTOR, DIST. #3		Date JUL 0 5 1991		
						

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

- 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 commenced on all multiple completions within seven days following recompletion and/or chemical or fracture 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.
- 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 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 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 in 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 except

- that the previously produced zone shall remain shut-in while the zone which 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 conclusion of each flow period. 7-day tests: immediately prior to the beginning of each 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 of 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 gas 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 on 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).