STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT This form is not to be used for reporting packer leakage tests in Southeast New Mexico

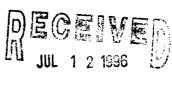
OIL CONSERVATION DIVISION

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NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator 1	MERIDIAN OIL INC.						Lease	ZA	ZACHRY				Well No. 017E		
Location of Well:	Unit O	Sect.	35	Twp.	029	N	Rge.	01	ow .	Cou	nty S	an a	MAUT	_	
	NAME OF RESERVOIR OR POOL						TYPE OF PROD.]	METHOD OF PROD.		PROD	MEDIUM	
							(Oil or Gas)				(Flow or Art. Lift)		(Tbg	g. or Csg.)	
Upper Completion	CHACRA						GAS			F	FLOW			TUBIN	ie Sinc
Lower Completion	DAKOTA					GAS			F	FLOW			TUBIN		
PRE-FLOW SHUT-IN PRESSURE DATA															
Upper	Hour, date shut-in Length of time shut-in						Si press. psig Stabilized? (Yo					es or No)			
Completion	10:30 3/3 120				345										
Lower Completion	10:00 3/3			72			435				. ,				
FLOW TEST NO. 1															
Commenced a	t (hour,date)*	15	3-6-96			Zone produc			oducing	(Upper o	or Low	च)	10W	EV	
TIME	LAPSED	_	PRESSURE			PROD. ZO			ZONE	:					
(hour,date)	SINCE*		Upp	er Complet	etion Lower Co		mpletion	<u>.</u>	ТЕМР			REM		MARKS	
3/4	72	2	,	360		4.	35		turn low			<u>اب € ا</u>	· 20n	Eon	
3/7	94	94		345		25									
3/8	120		Ē	345 4		5									
														_	
												,			
Production rate during test															
Oil:	BOPD	based on		ВЬ	ols. in		Ho	urs.			Grav.			GOR	
		-						_							
Gas: MCFPD; Tested thru (Orifice or Meter):															
AND TROT OUT TO DEPOSIT TO A TO A															
Upper	MID-TEST SHUT-II Hour, date shut-in Length of time shut-in					<u> </u>					lized? (V	es or No	-		
Completion	Hour, date shut-in			reading of mile stim-in		SI press. psig				Sidu	(I				
Lower Completion	Hour, date shut-in			Length of time shut-in		SI press. paig			Stabilized? (Yes or No)						

(Continue on reverse side)





FLOW TEST NO. 2

Commenced at	t (hour,date)**			Zone producing (Upper or Lower):					
TIME	LAPSED TIME	PRE	PRESSURE						
(hour.date)	SINCE**	Upper Completion	Lower Completion	TEMP.	RI	EMARKS			
		<u> </u>							
Production :	rate during test	_				<u> </u>			
Oil:	BOPD based on		Bbls. in	Hours	Grav.	GOR			
Gas:			sted thru (Orifice or						
Remarks:						····			
I hereby cer	rtify that the informa	tion herein containe	d is true and comple	te to the best of my k	nowledge.				
Approved	<u>_</u>	JL 1 5 1996	19	Operator MER	RIDIAN OIL,	INC.			
New Mex	kico Oil Conservation	n Division		By DOLORES DIAZ					
Ву	John	ny Rober	ison_	Title OPERATION ASSISTANT					
Tide	Daput,	Si 0 2000	apu ut or	Date					

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

- A packer leakage test shall be commenced on each multiply completed well within seven days after acroal completion of the well, and anomally 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 pucker 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 communications 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 shull 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 deadweight pressures as required above being taken on the gaz zone. be three hours.
- 5. Following completion of flow Test No. 1, the well shall again be shut-in, in accordance with
- 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 measurem 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
- 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).