STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

Page 1 Revised 10/01/78

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

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Location February Location Location												Well	
NAME OF RESERVOIR OR POOL	Operator	MERID	IAN OIL INC.					Lease	JICARILLA 152	W		No.	2A
NAME OF RESERVOIR OR POOL TYPE OF PROD. METHOD OF PROD. PROD. MEDIUM (Tog. or Cog.)	Location												
Completion	of Well:	Unit			-		26N			· · · · · · · · · · · · · · · · · · ·		1	
Completion		NAME OF RESERVOIR OR POOL						TY					
Completion		ļ						 	(Oil or Gas)	(Fla	w or Art. Lift)	(Tbg.	or Csg.)
Completion	''		NOTHER CLE	TC					GAS		FLOW		TRC
Completion MESAVERDE TBG FLOW TBG Upper Hour, date shut-in 6-15-95 Completion 6-15-95 Posts	<u> </u>	PICTUREU CLIFFS							UAS		1204		
Description	i	MESAVERNE							GAS		FLOW		TRG
Upper Hour, date shut-in Completion 6-15-95 7 (DAYS 390 33	Completion	<u>'</u>	**COATENDE			PR E-	FLOW SHUT	-IN PRE				<u>. </u>	
Completion 6-15-95 7-0AYS 390	Upper	Hour,	date shut-in		Length of tir			1	1				
Lower Completion 6-15-95 5-DAYS 3447							'						
FLOW TEST NO. 1 Commenced at (hour,date)* 6-20-95 Zone producing (Upper or Lower) LOWER									-				
Commenced at \(\text{tour.date}\)* 6-20-95	Completion	6-15-95 5 DAYS 447											
TIME	FLOW TEST NO. I												
TEMP REMARKS 18-Jun 390 443	Commenced a	t (hour.	date)*	6.20	95				Zone producing	(Upper o	r Lower)	LOWER	
18-Jun	TIME	LAPSED TIME PRESSURE					PROD. ZONE						
19-Jun 390 445 20-Jun 390 447 21-Jun 390 331 22-Jun 390 318 Production rate during test Oil: BOPD based on Bbls. in Hours. Grav. GOR Gas: MCFPD; Tested thru (Orifice or Meter): MID-TEST SHUT-IN PRESSURE DATA Upper Hour. date shut-in Length of time shut-in SI pres. psig Stabilized? (Yes or No) Lower Hour. date shut-in Length of time shut-in SI press. psig Stabilized? (Yes or No)	(hour.date)		SINCE*		Upper Con	npletion	Lower Comp	letion	TEMP		REMAR	KS	
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FLOW TEST NO. 2

Commenced a	it (hour.date)**			Zone producing (Up	Zone producing (Upper or Lower):				
TIME LAPSED TIME		28.	ESSURE	PROD. ZONE					
hour,date)	SINCE**	Upper Completion	Lower Completion	TEMP.	REMARKS				
		ļ	ļ						
	 	 							
i									
Production	rate during test		<u> </u>						
roddenon	rate duting test								
Oil:	BOPD base	ed on	_ Bbls. in	Hours.	Grav. GOR				
Gas:		MCFPD: Te	sted thru (Orifice or	Meter):					
Remarks:									
I hereby cer	tify that the informa	tion herein containe	d is true and complet	te to the best of my k	nowledge.				
	0.8.	10.0.							
Approved	yenn	ny Rolinse	<u> </u>	Operator	Meridian Oil Inc.				
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New Mex	tico Oil Conservatjoi	1Piv1sio 9 1995		Ву	Tanya Atcitty				
					_				
By	DEBLITY	OIL & GAS INSPE	CTOP	Title	Operations Associate				
T'AL.	DEPOTT	UIL & GAS INSPE	CIUN	_	7/40/05				
Title				Date	7/12/95				

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

A nacizer leakage test shall be commenced on each multiply commeted well within seven days after actual compaction 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 tollowing recompletion and/or obtained or fracture treatment, and whenever remedial work has been come 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 nactor leakage test shall commence when both zones of the quai completion are shut-in for pressure stabilization, both zones shall remain shut-in until the weit-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 notuction 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 tack of a pipetine connection the flow period shall be furee hours.
- 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.
- 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 wells which have previously shown questionable test data.
- 24-hour oil zone tests: ail 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 weil 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 Lealange 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).