## STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION

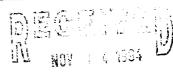
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This form is not to be used for reporting packer leakage tests in Southeast New Mexico

## NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

											Well		
)to-	Morid	ian Oil Inc.					Lease	Atlantic C			No.	1A	
Operator Location	MIRITU	Idii Uli IIIC.											
of Well:	Unit	С	Sec.	35	Twp.	31N	Rge.	10W	County		San Juan		
Weil.	I	NAME OF RESERVOIR OR POOL						TYPE OF PROD.		METHOD OF PROD.		PROD. MEDIUM	
		117.071					(Oil or Gas)		(Flow or Art. Lift)		(Tbg. or Csg.)		
Upper									ł				
Completion		Pictured Cliffs	s				Gas		Flow		1	bg	
Lower											_		
Completion	1	Mesaverde						Gas	<u> </u>	Flow		bg	
					PRE-F	LOW SHUT-	IN PRE	SSURE DATA					
Upper	Hour	Hour, date shut-in Length of time shut-in								Stabilized? (Ye	od? (Yes or No)		
Completion		8-19-94	5 days			20!		5					
Lower									_				
Completion		8-19-94		5 days 225									
						FLOW TEST	NO. I			<u> </u>	Lower		
Commenced	at (hou	r,date)*	8-24	94				Zone producin		r Lower)	LOWEL		
TIME		LAPSED TIM	Æ		PRESS	URE		PROD. ZONE		REMARKS			
(hour,date)		SINCE*		Upper Cor	npletion	Lower Compl	etion	TEMP	+	KEMAI	KK3		
22-Aug					201	20	0		<u> </u>				
23-Aug				204 2			0 _						
ZU AUG	1												
24-Aug				205		22	5	<u> </u>					
217													
25-Aug	1				205	12	0						
	+-								1				
26-Aug		2051		0									
25,111													
Production	rate o	luring test				<u> </u>							
Oil:		BOPD b	ased on		Bbls	. in	Hour	s	Grav.		GOR		
<u>Jii.</u>													
Gas:				_MCFPD;	Tested th	ıru (Orifice or	Meter):						
					міг	-TEST SHUT	-IN PRI	ESSURE DAT	Α				
<u> </u>	1.,							SI pres. psig Stabilized?			Yes or No)		
Upper									<u> </u>	and the second second			
Completion Lower	-	ur, date shut-in		Length of time shut-in			SI press. psig Stabili			Stabilized? (	zed? (Yes or No)		
Completion	n												

(Continue on reverse side)





FLOW TEST NO. 2

Commenced	at (hour.date)**		PLOW 1ES	<del></del>					
TIME	LAPSED TIME	PR	ESSURE	Zone producing (Upper or Lower):					
(hour.date)	SINCE**	Upper Completion	Lower Completion	PROD. ZONE TEMP.	REMARKS				
		ļ							
		-							
	-	<u> </u>							
	ļ 								
Production	rate during test								
Oil:	BOPD base	ed on	DL1.						
Gas:			Bbls. in	Hours.	Grav. GOR				
Remarks:		MCPPD, Tes	ted thru (Orifice or !	Meter):					
hereby cer	tify that the informati	ion herein contained	is true and complete	to the best of my	knowledge.				
Approved	NOV 4 .	1994	19	Operator	MERIDIAN OIL INC.				
New Mex	ico Oil Conservation	Division	son	Ву	Tanya Atcitty				
Ву	Johnny			Title	Production Assistant				
itle	DEPUTY OIL & G	AS INSPECTOR, D	DIST. #3	Date	NOV 07 1994				

## NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

- 1. 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 lealings 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
- 3. The packer leakage test shall commence when both zones of the dual completion are shut-in for pressure stabilization. both zones shall remain shus-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 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 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).