## STATE OF NEW MEXICO ENERGY and MINERALS

DEPARTMENT

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

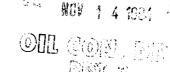
## **OIL CONSERVATION DIVISION**

Page 1 Revised 10/01/78

## NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

									Well		
Operator	perator Meridian Oil Inc.					Culpepper Mart	in		No	5M	
Location											
of Well:	Unit N S	Sec. 31	Twp.	32N	Rge.	12W	County		San Juan		
	NAME OF RESERVOIR OR POOL					TYPE OF PROD.		METHOD OF PROD.		PROD. MEDIUM	
					. (	(Oil or Gas)	(Flo	w or Art. Lift)	(Tbg. or C	Csg.)	
Upper											
Completion	Mesaverde	<del> </del>			<u> </u>	Gas		Flow	Tbg		
Lower											
Completion	Dakota					Gas Flow			Tbg	<u> </u>	
			PRE-	FLOW SHUT	IN PRE	SSURE DATA					
Upper	Hour. date shut-in	Length of	Length of time shut-in			s. psig	Stabilized? (Yes	s or No)			
Completion	8-26-94		5 days		530						
Lower											
Completion	8-26-94		5 days	s		0					
		<del> 1</del>	<u> </u>	FLOW TEST	NO. 1			<del></del>			
Commenced a	at (hour,date)*	8-31-94				Zone producing	(Upper o	r Lower)	Lower		
TIME	LAPSED TIME		PRESSURE			PROD. ZONE	<u> </u>				
(hour,date)	SINCE*	Upper C	ompletion	Lower Comple	etion	ТЕМР	REMARI		KS		
,		1									
29-Aug			52 <b>9</b>	(	0						
	<del> </del>					<u> </u>					
30-Aug			530	۱ (	0					ļ	
						<u> </u>	<b> </b>				
31-Aug			530	) (	0						
					<u>-                                      </u>						
1-Sep		1	0	۱ ,	0						
1006				-	<del></del>			,	•		
2-Sep			0	, ا	0						
Z-coh	<del> </del>			<del>                                     </del>		<del> </del>	<del>                                     </del>				
Production (	rate during test		<del></del>	<u> </u>		<u>.L</u>	<u> </u>				
Production	ate during test										
O.1.	POPD based		Dhla	•	Шацея		C-au		GOR		
Oil:	BOPD based	on	5018.	in	- Hours.	·	Grav.		_ OOK		
Can		MCEDD	· Tartad th	(Orifice or l	Anton).						
Gas:		MCFFD	, lesteu un	ru (Orifice or l	Meter).			<del></del>			
			MID	TECT CHIT	TAT DD E	COURT DATA					
TT	Try	T				SSURE DATA		les bilineda (Ve	· · · · M - )		
Upper	Hour, date shut-in	Length of	Length of time shut-in			. psig	Stabilized? (Yes or No)				
Completion	1			<del></del>	+			- 1 115 TIOTAN			
Lower	Hour, date shut-in	Length of	time shut-in	i	SI press	i. psig		Stabilized? (Ye	s or No	*** ***	
Completion	İ	1									

(Continue on reverse side)



FLOW TEST NO. 2

t (hour.date)**			Zone producing (Upper or Lower):					
LAPSED TIME	PR	ESSURE	PROD. ZONE					
SINCE**	Upper Completion	Lower Completion	ТЕМР.	REMARKS				
			<del> </del>					
		<u> </u>						
rate during test	· · · · · · · · · · · · · · · · · · ·	·						
BOPD bas	sed on	Bbls. in	Hours.	Grav. GOR				
tify that the informs	ation herein containe	d is true and complet	e to the best of my	knowledge.				
NOV 1 A	1004	19						
1101 1 4	1774		Operator	MERIDIAN OIL INC.				
				<b>-</b>				
ico Oil Conservatio	n Division		Ву	Tanya Atcitty				
Orhnon	1 Kolin	ison	T'Al-	Production Assistant				
7	<del></del>	<del></del>	I IIIe					
DEPUTY OIL & G	AS INSPECTOR. I	DIST. #3	Date	NOV 07 1994				
	tify that the information Oil Conservation	Tate during test  BOPD based on  MCFPD; Testify that the information herein containe  NOV 1 4 1994  ico Oil Conservation Division  Jahrang Rahang	LAPSED TIME SINCE** Upper Completion Lower Completion  rate during test  BOPD based on Bbls. in MCFPD; Tested thru (Orifice or tify that the information herein contained is true and complet NOV 1 4 1994  19	LAPSED TIME SINCE** Upper Completion Lower Completion TEMP.  Tate during test  BOPD based on Bbls. in Hours.  MCFPD; Tested thru (Orifice or Meter):  tify that the information herein contained is true and complete to the best of my  NOV 1 4 1994 19 Operator  ico Oil Conservation Division By  Character Advances Title				

## 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 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
- 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 if the case of a gas well and for 24 hours in the case of an oil well. Note: if, on an initial nacker 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. 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
- 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).