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	MERIDIAN OIL INC.						Lease SAN JUAN 28-6 UNIT			No.	79		
Location													
of Well:	Unit	M	Sect	11	Twp.	27 N	Rge.	06W	County		RIO ARR	BA	
	NAME OF RESERVOIR OR POOL							PE OF PROD.	метно	D OF PROD.	PROD.	MEDIUM	
								(Oil or Gas) (Flow or Art		w or Art. Lift)	or Art. Lift) (Tbg. or Csg.)		
Upper													
Completion	PICTURED CLIFFS							GAS	FLOW			TBG	
Lower													
Completion	MES	SAVERDE						GAS FLOW		FLOW		TBG	
PRE-FLOW SHUT-IN PRESSURE DATA													
Upper	Hour, date	shut-in		Length of tu	me shut-in		SI press. psig Stabilized			Stabilized? (Yes	or No)		
Completion	1	5-95			7 DAY	'S	281						
Lower													
Completion	6-19	5-95			5 DAY	'S		551					
		-				FLOW TEST	NO. J						
Commenced a	t (hour date	.)*	6-20-	95			 				LOWER		
TIME	<u> </u>	SED TIM			PRES	SURE		PROD. ZONE		Copper of Lowery Lotters			
(hour,date)	l	INCE*		Upper Cor		Lower Comple	tion	TEMP	REMARKS				
(nour,uate)		INCE		Оррег Сог	mpicuon	Lower Compile	LIOII	1.2.4		RELATE IN			
18-Jun				2	281	547	ı						
10-3411	-				.01	34,		1		-			
19-Jun	Ì				201	551							
13.3411				281 551				 	1			.	
20.Jun				,	281 551								
20'5011	-			281 33				1					
21-Jun				,	281 343								
21.3411						340	,		+	-			
22-Jun				-	281	339	1						
ZZ-Juli					201	333			 				
						<u> </u>		_l					
Production 1	ate during	test											
	_				D. 1				_		COD		
Oil:	E	SOPD ba	sed on		Bois.	in	_ Hours	·	Grav.		GOR		
Manna et al. 1. (a. 17. Mar.)													
Gas: MCFPD; Tested thru (Orifice or Meter):													
MID TENT OFFICE BY PDECOME DATE													
MID-TEST SHUT-IN PRESSURE DATA													
Upper	Hour, date	shut-in		Length of ti	igth of time shut-in			SI pres. psig			Stabilized? (Yes or No)		
Completion	 						101	 		0. 130. 10.55	** `		
Lower	Hour, date	e shut-in		Length of ti	me shut-in	L	SI pres	s. psig		Stabilized? (Ye	s or No)		
Completion				L						L			

(Continue on reverse side)

FLOW TEST NO. 2

Commenced a	at (hour,date)**			Zone producing (Upper or Lower):				
TIME LAPSED TIME		P.R.	ESSURE	PROD. ZONE				
(hour.date)	SINCE**	Upper Completion	Lower Completion	ТЕМР.	REMARKS			
				†				
		†						
					·			
Production :	rate during test							
	E							
Oil:	BOPD base	ed on	Bbls. in	Hours.	Grav GOR			
Gas:			sted thru (Orifice or					
Remarks:								
l hereby cer	rtify that the informat	ion herein containe	d is true and complet	e to the best of my ki	nowledge			
-								
proved	John	n. Rolling	19	Operator	Meridian Oil Inc.			
,		ny Rolinse	<u>~</u> "	Operator	Wichdian Cir mo.			
New Mexico Oil Conservation Division 1995				Ву	Tanya Atcitty			
I WIEKICO OII COMSERVATION		["I"9 1995			. arry a / noney			
Bv		1200		Title	Operations Associate			
•	DEPLITY	DIL & GAS INSPE	CTOD		- portatione / todolato			
Title	52.311	DIE & GAS INSPE	CIUK	Date	7/12/95			

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

A nacion leakage test shall be commenced on each multiply commeted well within seven days after actual completion of the well, and amountly 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 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.

- 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 notified.

 3. The packer leakage test shall commence when both zones of the dual completion are shut-in for
- The nacker leakage test shall commence when both zones of the dual completion are shut-in to pressure stabilization, both zones shall remain shut-in until the weut-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 be three hours.
- be three hours.

 5. Following completion of flow Test No. 1, the well shall again be shut-in, in accordance with
- Flow Test No. 2 shall be conslucted 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
- 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
- 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 checined 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
- 8. The results of the above described tests shall be filed in triplicate within 15 day 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).

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OIL CONSERVATION DIVISION

Page 1 Revised 10/01/78

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator 1	MERIDIAN OIL INC.		1	Lease S	AN JUAN	28-6 UNI	T	Well No. 79	
Location	Unit M Sect. 11	Twp. 02	 7ห 1	Rge. 0	DEM C	ounty RI	O ARRIBA		
of Well:	NAME OF RESER			-5	F PROD.	METHOD		PROD. MEDIUM	1
				(Oil or Gas)		(Flow or Art. Lift)		(Tbg. or Csg.)	
Upper Completion	MECAVERDE Puch	red Chyp	1	oriz =		#20A		Des Not p	Educe
Lower Completion	Mesaverde Puch			Gas FL		FLOW		Des Not P	
		PRE-FLOW S	HUT-IN	PRESSUI	RE DATA				7
Upper	Hour, date shut-in	Length of time shut-in	ו מח	SI press. psig			Stabilized? (Yes	or No)	
Completion	WELL YEAR	# 12	<i>w</i>	5 74 Y					1
Lower	1	4 5		_			1/		
Completion	10/18	750 /2	-		3541]
		FL	OW TE	ST NO. 1	I				٦
	at (hour,date)*10/21/56				Zone producing (ower)				┪
TIME	LAPSED TIME PRESSURE			ompletion	PROD. ZONE tion TEMP REM.			ADVC	
(hour,date)	SINCE*	Upper Completion	Lower C	ompledon	TEMP		KEM	IARKS	1
10/a	72Hes	74	雪	541		OSE	(57) Lo	HER ZULLE	-
10/23	96	₩ 74	· -	411		,			<u> </u>
12/24	120	24 74	74	291			720 E T		
						D			
						Į į	oct s	0 1383 B	7
						0	00 20	M. DIV.	
Production	rate during test	<u> </u>	I			<u></u>	عالق	i. 3	_
Oil:	BOPD based on	Bbls. <u>ir</u>	1	Hour	š	Grav	 -	GOR	•
Gas: MCFPD; Tested thru (Orifice or Meter):									
		MID-TEST S	SHUT-IN	N PRESSU	RE DATA				
Upper Completion	Hour, date shut-in	Length of time shut-		SI press. ps			Stabilized? (Ye	s or No)]
Lower	Hour, date shut-in	Length of time shut-	-in	SI press. ps	ig		Stabilized? (Ye	es or No)	1

(Continue on reverse side)

FLOW TEST NO. 2

Commenced a	t (hour,date)**			Zone producing (Upper or Lower):					
TIME LAPSED TIME		PRI	ESSURE	PROD. ZONE					
(hour.date)	SINCE**	Upper Completion	Lower Completion	ТЕМР.	REMARKS				
									
ŀ									
		<u> </u>							
<u> </u>	<u> </u>	<u> </u>	<u> </u>						
Production r	rate during test								
0.7									
Oil:	BOPD base				Grav GOR				
Gas:		MCFPD; Te	sted thru (Orifice or	Meter):					
Remarks:									
1 ha-shi	de de de de de								
I hereby certify that the information herein contained is true and complete to the best of my knowledge.									
Approved	3.	IOV 0 5 1996	19	Operator Sul	leactor Besoner Inc				
Apploved		104 0 3 1330	<u>, 19</u>						
By Delas Scar Title Operation Conservation Title Operation Conservation									
NOW INDX	ico on conscivation	Vivision o		By All	or such				
Ву		CLUBAY CAYLUM	L	Title Doub	ation (more at)				
-,	Dichail	y Click Cas In	spector	_ nue gove	CHIN CHOCKE				
Title	San N. John V	J 0. 14 1/4 (CACOLO 11	ispector	Date					

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