STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

Page 1 Revised 10/01/78

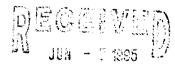
Well

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

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

perator MERIDIAN OIL INC.						Lease SAN JUAN 27		5 UNIT		29
ocation of Well:	Unit M Sec	et 13	Twp.	27N	Rge.	5 W	County		RIO ARRIB	A
	r · · ·	RESERVOIR O		<u> </u>		PE OF PROD.	1	D OF PROD.	PROD. M	
						(Oil or Gas)	(Flo	w or Art. Lift)	(Tbg. or	Csg.)
Upper										
ompletion	PICTURED CLIFFS					GAS		FLOW	TE	IG
Lower										
ompletion	MESAVERDE					GAS	L	FLOW	TE	3G
			PRE-I	FLOW SHUT-	T	SSURE DATA				
Upper	Hour. date shut-in	Length of tir		_	SI press			Stabilized? (Ye	s or No)	
ompletion	4-7-95		6 DAY	<u>s</u>		424				
Lower	4.7.05		4.044	•		Eco				
Completion	4-7-95		4 DAY		<u> </u>	562				
		11.05		FLOW TEST	NO. I	7	(П	· I owner)	LOWER	
	Γ`	1-95	PRESS	· · · · · · · · · · · · · · · · · · ·		Zone producing PROD. ZONE	Opper of	(Lowel)	LOWER	
TIME	LAPSED TIME	II Com		Lower Compl	etion	TEMP		REMAR	eks.	
(hour,date)	SINCE*	Upper Con	присион	Lower Compr	edon	112411	 	ICLIVIT II	di.b	
9-Apr		4	21	560	n		l			
U Apr		 	-			†				
10-Apr		1 4	24	562	2		1			
10 7191		<u> </u>								
11-Apr		4	24	563	2					
						Ť				
12-Apr		4	25	394	4					
									•	
13-Apr		4	25	38	3					
Production 1	rate during test									
Oil:	BOPD based or	n	Bbls.	in	_ Hours	·	_Grav.		_GOR	
Gas:		MCFPD;	Tested the	ru (Orifice or l	Meter):					
			MID	TEST SHUT-	\neg	SSURE DATA			_	
Upper	Hour, date shut-in	Length of ti	me shut-in	ı	SI pres	. psig		Stabilized? (Y	es or No)	
Completion	ļ									
Lower	Hour, date shut-in	Length of ti	ime shut-in	ı	SI pres	s. paig		Stabilized? (Y	es or No)	
Completion										

(Continue on reverse side)



OF COLUMN

				r NO. 2	
	it (hour.date)**			Zone producing (Up	per or Lower):
TIME	LAPSED TIME	P.R.	ESSURE	PROD. ZONE	
nour.date)	SINCE**	Upper Completion	Lower Completion	ТЕМР.	REMARKS
				 	
				-	
	 	 		 	
	L			ļ	
				_1	l l
roduction i	rate during test	-			
roduction i	rate during test		•		
	rate during test BOPD base	ed on	Rhis in	Hours	Gray
il:					Grav. GOR
il:			Bbls. in sted thru (Orifice or		Grav. GOR
il:					Grav. GOR
il: as: emarks:	BOPD base	MCFPD: Te	sted thru (Orifice or	Meter):	
il: as: emarks:	BOPD base	MCFPD: Te	sted thru (Orifice or		
il: as: emarks:	BOPD base	MCFPD: Te	is true and complete	Meter):	
il: as: emarks: hereby cer	BOPD base	MCFPD: Te	is true and complete	Meter):	nowledge.
il: as: emarks: hereby cer	BOPD base	MCFPD: Te	is true and complete	Meter):	
as: emarks: nereby cer	BOPD base	MCFPD: Te	is true and complete	Meter): to the best of my keep of operator	nowledge. Meridian Oil Inc.
il: as: emarks: hereby cer pproved	BOPD base	MCFPD: Te	is true and complete	Meter):	nowledge.
il: as: emarks: hereby cer pproved New Mex	BOPD base	MCFPD: Te	is true and complete	Meter): to the best of my keep of operator	nowledge. Meridian Oil Inc. Tanya Atcitty
il: as: emarks: hereby cer pproved New Mex	BOPD base tify that the information of Conservation	MCFPD: Te	is true and complete	Meter): to the best of my keep of operator	nowledge. Meridian Oil Inc.
il: as: emarks: hereby cer pproved New Mex	BOPD base tify that the information of Conservation	MCFPD: Te	is true and complete	Meter): to the best of my ki Operator By	nowledge. Meridian Oil Inc. Tanya Atcitty
Dil: Bas: Remarks: hereby cer Approved	BOPD base tify that the information of Conservation	MCFPD: Te	is true and complete	Meter): to the best of my ki Operator By	nowledge. Meridian Oil Inc. Tanya Atcitty

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

- A pacier realenge test shall be commenced on each multiply completed well within seven days after 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 fine-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 commenciation is suspected or when womented by the Division.
- awre on a west curring wanter use packer or use usering nave been disturbed. Less shall also be saken 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
- the Division in writing or use controlled.

 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 weit-head pressure in each has stabilized, provided however, that they need not remain shut-in more than seven days.

 Controlled Test No. 1, one zone of the dual completion shall be produced at the normal rate of
- stabilized, provided however, that they need not remain shall 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 shall 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 pipetime commention the flow period shall be them.
- 5. Following completion of flow Test No. 1, the well shall again be shart-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

- d well within seven days after except that the previously produced zone small remain shut-in while the zone which was previously shut-in is produced.
 7. Pressures for gas-zone tests mus
 - or gas-zone tests must be measured on each zone with a deads 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 iately 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.
 - 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 enecised 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 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