STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT This form is not to be used for reporting packer leakage tests in Southeast New Mexico

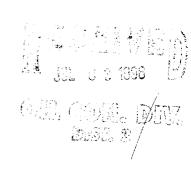
OIL CONSERVATION DIVISION

Page i Revised 10/01/78

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator M	ERIDIAN OIL	INC.			Lease	LAWSON				Well No.	2
Location of Well: U	Jnit B	Sect. 31	Twp. 0	32N	Rge.	011W	County	SA	NAUL N		
	NAME OF RESERVOIR OR POOL								O OF PROD. PROD. MEDIUM r Art. Lift) Tbg or Csg.)		\
Upper Completion	PICTURED CLIFFS				GAS FLOW		W		TUBI	4G	
Lower Completion	DAKOTA				GAS FLOW			W		TUBI	1G
PRE-FLOW SHUT-IN PRESSURE DATA											
Upper	Hour, date shut-in Length of time shut-in					SI press. psig 780 + 350 Stabilized? (Y				es or No)	
Completion	2:55pm 5-17-96 /20 HRS			Dual-CSG- 351				125			
Lower Completion	2:55 P.m 5-17-96 72 HRS			HRS	TBG- 720				425		
			I	FLOW TE	ST NO.	1					
Commenced at	(hour,date)*	Pm 5-20-96			Zone producir		(Upper or Lower)				
TIME	LAPSED TIME		PRESSURE			PROD.	ZONE				
(hour,date)	SINCE*		Upper Completion Lower C		completion TEMP		MP	REI		MARKS	
150/ Pa 5:20.96	72.	-HRS	TBC. 350 CS9-351	TBG-	720	60.	,	OP 4	N fo	e f	Ιοω
3:10 8m 5=21-9	96	- HRS	786- 350 (S9 351	180-	583				٠		
3:00/ Pm 5=20:90			782-350 CS9-351 TB6		333	333		NO-LEAKA		16E	
		- was as									
					<u> </u>	-					
Production ra	ate during test									 	
Oil:	BOPD based on Bbls. in			in	Hours Grav				GOR	·	
Gas: MCFPD; Tested thru (Orifice or Meter):											
MID-TEST SHUT-IN PRESSURE DATA											
Upper Completion	Hour, date shut-in Length of time shut-in			SI press. psig Stabilized? (1				(es or No)			
Lower Completion	Hour, date shut-in	Length of time sh	Length of time shut-in		SI press. psig S			Stabilized? (Yes or No)			

(Continue on reverse side)



FLOW TEST NO. 2

Commenced a	at (hour,date)**			Zone producing (Upper or Lower):						
TIME	LAPSED TIME	LAPSED TIME PRESSURE								
(hour,date)	SINCE**	Upper Completion	Lower Completion	ТЕМР.		REMARKS				
			1							
		<u> </u>								
•										
		<u> </u>			1					
Production	rate during test				-					
Oil:	BOPD base	d on	Bbls. in	Hours	Grav	GOR				
Gas:	A WAS A STATE OF THE STATE OF T	MCFPD; Te	sted thru (Orifice or	Meter):						
Remarks:										
		-								
I hereby ce	rtify that the informat	ion herein contained	i is true and comple	te to the best of my k	nowledge.					
					$\mathcal{O}_{\mathcal{U}}$.d. 15 /				
Approved		1111 00	19	Operator	<u> </u>	wan w				
		JUL 0 3 18			•	idian jul	*			
New Me	xico Oil Conservation	Division		Ву		URES DIAZ				
	~ n	0.			OPERATI	ONS ASSISTANT				
Ву	Geh	nny Role	man	Title		110 V22121VIAI				
		•			1 12	.01				
Title	Dep	uty Oil & Gas	Inspector	Date	6-22-	-76				

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

- 1. A packer leakage 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 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.
- 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 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 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.
- Following completion of flow Test No. 1, the well shall again be shut-in, in accordance with Paragraph 3 above.
- 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.
- 7. Pressures for gas-zone tests must be measured on each zone with a deadweight pressure gauge at time inservals 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 inidway 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 dradweight pressure gauge. It 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 Connervation 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).