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

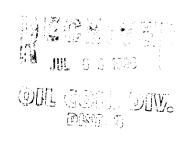
OIL CONSERVATION DIVISION

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NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator 1	ÆRIDIAN OIL INC.						FRONTIER B				Well No.	2	
Location	Unit D	Sect.	9	Twp.	027N	Rge.	011	.w	Count	y s	AN JUAN	_	
	NAME OF RESERVOIR OR POOL						TYPE OF PROD.			METHOD OF PROD.		PROD	. MEDIUM
							(Oil or Gas)			(Flow or Art. Lift)		(Tbg	, or Csg.)
Upper Completion	GALLUP						OIL			FLOW		TUBIN	1G
Lower Completion	DAKOTA					GAS	GAS			FLOW		TUBIN	1G
PRE-FLOW SHUT-IN PRESSURE DATA													
Upper	Hour, date shut-in Length of time shut-in				SI press	SI press. psig				Stabilized? (Ye	Stabilized? (Yes or No)		
Completion	la constant			6 Mis	169 <u>+ 13.</u>			3. 5 J	1				
Lower Completion	1 Drug 2-2-12			400	40000								
FLOW TEST NO. 1													
Commenced a	at (hour,date)*							Zone pr	or Lower)				
TIME	1	LAPSED TIME		PI			PROD. ZONE						
(hour,date)		SINCE*				Completion	n TEMP		MP	RE)		MARKS	
5-6-16	76	TUR.	,	T& C570	Tolkish	E11	A			1.	weller.	Zout P	on Frow
2:80 F.M. 5-7-96 2:00 F.M.	120	HOURS		F-01-56		,							
2:00P.M. 5-4-96	144 Hours			T-0 C-569 T-408 C		9 C-N/	·N/A			TEST COMPLETE - ZONE HAS I LUN		-UMER	
										ZOA	ic Hasi	Luk	Tou
										Meca. E			
Production	rate during t	est											
Oil:							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	SI press. psig				Stabilized? (1	Stabilizzed? (Yes or No)			
Lower Completion	Hour, date shut-in Le			Length of time s	Length of time shut-in		SI press. psig				Stabilized? (Yes or No)		
L							-						

(Continue on reverse side)



FLOW TEST NO. 2

Commenced at	(hour,date)**			Zone producing (Upper or Lower):						
ТІМЕ	LAPSED TIME	PRE	SSURE	PROD. ZONE						
(hour.date)	SINCE**	Upper Completion	Lower Completion	ТЕМР.	REMARKS					
		•								
					l					
Production a	ate during test	<u> </u>	1	<u> </u>						
Froduction is	ate during test									
Oil:	BOPD base	d on	Bbls. in	Hours.	Grav. GOR					
Gas:			sted thru (Orifice or							
Remarks:					•					
I hereby cert	tify that the informat	ion herein contained	is true and complet	e to the best of my l	cnowledge.					
				_	Meridian sil					
Approved		IL 0 3 1996	_ 19	_ Operator	ryeridian w					
New Mexico Oil Conservation Division				By	DOLORES DIAZ					
Ву	John	my Roles	2001-2	Title	OPERATIONS ASSISTANT					
Title	Deputy	ing Rolus Oil & Gas In	phanint	Date	6-26-96					

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 multime 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 packer leakage test, a gas well is being flowed to the atmosphere due so the lack of a pipeline connection the flow period shall be 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 shur-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 hourty 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. 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 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).