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

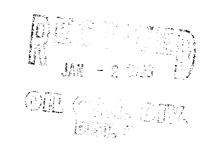
## OIL CONSERVATION DIVISION

Page 1 Revised 10/01/78

## NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator Location	MERIDIAN OIL INC.							S	SAN JUAN 27-4 UNIT				No.	101
of Well:	Unit	G	Sect.	28	Twp.	027N	Rge.	00	)4W	Cou	nty :	RIO ARRII	BA	
		NAME OF RESERVOIR OR POOL				1	TYPE OF PROD. N. (Oil or Gas)				D OF PROD.	1	PROD. MEDIUM (Tbg. or Csg.)	
Upper Completion	MES	MESAVERDE					GAS	GAS FLOW			LOW	TUBING		
Lower Completion	DAK	OTA					GAS			F	LOW		TUBIN	IG
			<del></del> <u>-</u>		PRE-FLO	W SHUT	Γ-IN PRESS	SUR	E DATA					· · · · · · · · · · · · · · · · · · ·
Upper Completion	1	, date shut-ir 11 <b>-</b> 95			Length of time shi	SI press.	SI press. psig				Stabilized? (Y	es or No)		
Lower Completion	9-1	11-95			3-Days		394	394						
						FLOW	TEST NO.	1						
Commenced	at (hour,	date)*							Zone pro	ducing	(Upper	or Lower)		-
TIME		LAPSED TIME			P	E		PROD. Z	ZONE	NE				
(hour,date)		SING	CE*		Upper Completio	n Lowe	ower Completion		TEM	ГЕМР		REMARKS		
9-11					234	26.	3							-
9-12					281	31	1							
9-13					307	39	4							
9-14					306	23	4							
9-15					306	24	2			-			-	
Production i	rate dur	ing test	·				····			<del></del>				
Oil:		BOPD	based on		Bbls	. <u>in</u>	Но	ırs			Grav.		GOR_	
Gas:				MCF	PD; Tested thr	u (Orific	e or Meter):	:					****	
					MID-TES	T SHUT	-IN PRESS	URF	DATA					
Upper Completion	Hour,	date shut-in			Length of time sh		SI press. psig				Stabilized? (Yes or No)			
Lower Completion	Hour,	date shut-in			Length of time shut-in			SI press. psig				Stabilized? (Yes or No)		
	.1													

(Continue on reverse side)



REMARKS

## FLOW TEST NO. 2

PRESSURE

Lower Completion

Upper Completion

Zone producing (Upper or Lower):

PROD. ZONE

TEMP.

duction ra	ate during test	:							
l:	BOPD based on		Hours. Grav. GOR						
marks:	MCFPD	Tested thru (Orific	e or Meter):		<del></del>				
nereby certi	ify that the information herein conta		nplete to the best of my	knowledge.					
Approved	Johnny R. Prima	19	Operator	Meridian Oil					
New Mexico Oil Conservation Division 1996			Ву	Dolores Diaz					
ly	THE WAS ENGINEERING TO SERVICE STORY OF THE PROPERTY OF THE PR		Title	Operation	s Associate				
	DEPUTY OIL & GAS INCP	207 1	Date	12/29/95					

## 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 sests shall also be connected on all multiple completions within seven days following recompletion and/or chemical or frac-ture treatmens, 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.

Commenced at (hour,date)\*\*

LAPSED TIME

SINCE\*\*

TIME

(hour,date)

- 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.
- 5. 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 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 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).