STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

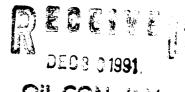
OIL CONSERVATION DIVISION

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

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

	in Southe	ast New Mexico	MOKINWEST	ILW PHILICO I	710222				
Operator	MC	DBIL PRODUCIN	G TX. & N.M.	INC. Lease _	Jicarilla	Wc No.			
Location	Unit M Sec. 02 Twp. 26N			Rge	Rge Cor			inty Rio Arriba	
NAME OF RESERVOIR OR POOL			TYPE OF P		METHOD OF PROD. (Flow or Art. Liit)		PROD. MEDIUM (Tbg. or Csg.)		
Upper Completion	• • •			Gas		Flow		TBG	
Completion Blanco Mesa Verde			Gas		Flow		TBG		
			PRE-FLO	OW SHUT-IN P	RESSURE DATA				
Hou, date shut-in Length of time shut-in				Si press. psig		Stabilized? (Yes or No)			
Completion 11-28-91 17 day Hour, date shut-in Length of time shut-			·	545#			yes Stabilized? (Yes or No)		
Lower Completion	11-28-91 17 days				577#		yes		
	,			FLOW TEST	NO. 1				
Consmenced	at (hour, d	12-18-9	91		Zone producing (Up)	per or Lowerk I	OWER		
TIME LAPSED TIME		PRES Upper Completion	SURE Completion	PROD. ZONE		REMARKS			
(nour,	, date)	SINCET							
12-19-91		lst day	531#	577#	date	1,21,6-9	11.	12-17-91	
12-20-91		2nd day	521#	577#	upper	545#		545#	
					lower	577#) of beet	<i>≥</i> 15.77# _. ;	
					Sign to the Mark has		el cac a mo virime		
							 		
		luring test		Ph. i.	Hours	·		GOR	
Oil:			D based on						
G25:		61	MCF.	PD; Tested thru	(Orifice or Meter): <u>METER</u>			
			мір.тт	EST SHUT-IN PI	RESSURE DATA				
Upper Hour, date shut-in Length of time shut-in					SI press. psig	-	Stabilized? (Yes or No)		
Completion Length Length			Length of time shu	yl-in	SI press. psig		Stabilized? (Yes or No)		
	٠								



FLOW TEST NO. 2

Lower Completion

PRESSURE

Upper Completion

Zone producing (Upper or Lowert

REMARKS .

PROD. ZONE

TEMP.

						- r	معددهم در المهاري در مهدد معدولات در مهدد المعارية
			† †	!			
						·	
	·						
					·		
	are during test						-
Oil:	ВОРГ	D based on	Bbls. i	n	_ Hours	G12v	GOR
Gas:		MCFF	D: Tested thr	ı (Orifice o	or Meter):		
Remarks: _							_ .
	ify that the information	on herein containe	ed is true and co	omplete to	the best	of my knowledge	·.
Approved New Mexic	DEC 3 0 to Oil Conservation D	ivision			1//	L EMP. & PRO	D. U.S. INC.
·	Original Signed by CH/			Ву	, – –	Hoyd	
Ву		Title PRODUCTION TECH. I Date					
Tide							

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 commenced on all multiple completions within seven days following recompletion and/or chemical or fracture 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.

Commenced at (hour, date) **

LAPSED TIME

SINCE **

TIME

(hour, date)

- 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 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 Ten 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 in 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 authorphere due to the lack of a pipeline connection the flow period shall be three hours.
- 3. Following completion of Flow Test No. 1, the well shall again be shut-in, in accordance with Paragraph 3 above.
- 6. Flow Ten'No. 2 shall be conducted even though no leak was indicated during Flow Ten No. 1. Fricedure for Flow Ten No. 2 is to be the same as for Flow Ten 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 conclusion of each flow period. 7-day tests: immediately prior to the beginning of each 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 gas zone.

8. The results of the above-described teru shall be filed in triplicate within 15 days after completion of the test. Tests shall be filed with the Azter District Office of the New Mexico Oil Conservation Division on Northwest New Mexico Packer Leakage Test Form Revued 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).

