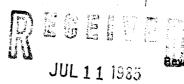
## STATE OF NEW MEXICO ENERGY and MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION



Page 1 Revised 10/01/78

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

completion

NORTHWEST NEW MEXICO PACKER-LEAKAGE OH CON. DIV.

						, <b>D</b> I	SI. Well		٠.
Operator		Caulkins Oi	l Company	Lease	Breech "	A''	No	229-M	· 
Location	Jnit <u>A</u>	Sec. <u>17</u>	Twp. 26 Nort	h Rge.	6 West	Coun	ty Rio	Arriba	
·	NAME OF RESERVOIR OR POOL			TYPE OF F	· · · · · · · · · · · · · · · · · · ·		). PROD. MEDIUM (Tog. or Cag.)		
Upper Completion Mesa Verde		de	Gas		Flow		Tubing		
Lower Completion Dakota			Gas	3	Flow		Tubing		
			PRE-FL	OW SHUT-IN P	RESSURE DAT	'A	•		
Upper Completion			Length of time sh	Length of time shut-in			Stabilized? (Yes or No)		
Lower Completion		Length of time sh	Length of time shut-in			Stabilized? (Yes or No)			
· Ja				FLOW TEST	NO. 1				
Commenced a	it (hour, de	ete)* 6-29	-85 7:20		Zone producing (	Upper or Lower):	<del></del>		$\neg$
TIME (hour, date)		LAPSED TIME	PRES	SURE	PROD. ZONE		REMARKS		
7:20		3INCET_	Upper Completion	Lower Completion	TEMP.	!			
6-30-85		24 Hours	657	792		Both Zone	Both Zones shut-in  Both Zones shut-in		
7:20 AM 7-1-85		48 Hours	657	797		Both Zone			
7:20 7-2-8	5	72 Hours	657	837		Both Zone	es shut-in		
7:20 AM 7-3-85		96 Hours	657	347		Mesa Ver	Mesa Verde shut-in - Dakota flowin		
7:20 <u>7-4-8</u>		120 Hours	657	360		Mesa Ver	de shut-in	- Dakota	flowing
roduction	n rate c	luring test							
⊃il:	<del></del>	BOP	D based on	Bbls. in	n Hou	rs Gr	2v	GOR	<del></del>
Fas:	-		MCF	PD; Tested thru	(Orifice or Met	er):			
			MID-TI	EST SHUT-IN PI	RESSURE DATA	A			
Upper Completion					SI press. psig Stabilized? (Yes or No)		0)		
Hour, date shut-in			Length of time shu	Length of time shut-in			Stabilized? (Yes or No)		

FLOW TEST NO. 2

Commenced at (hour, da	10)**	Zone producing (Upper or Lower):							
TIME	LAPSED TIME.	PRESSURE		_ PROD. ZONE					
(hour, date)	SINCE **	Upper Completion	Lower Completion	TEMP.	REMARKS				
•									
	22.								
	2.2		1 TS						
			,	·					
				51					
Production rate d	uring test			*****					
Oil:	BOP	D based on	Bbls. in	•	Grav GOR				
Gas:	·	MCF	PD: Tested thru	(Orifice or Meter	):				
				<u>.</u>	,				
					:2				
I hereby certify th	nat the information	on herein contain	ed is true and co	mplete to the bes	t of my knowledge.				
	. 11	11 1 100-		N .					
Approved	1.6	L 1 1 1985	_ 19 C	perator	Caulkins Oil Company				
New Mexico O	il Conservation D		מ		les Verguer "				
	Original Signed	by CHARLES GHOLS	DNI	y Oka	y acc				
Ву				Title Superintendent					
Title		AS INSPECTOR, DIS	T. <b>£3</b>	)ate	7-9-85				

## 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.
- 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 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 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.
- Trist No. 2 shall be conducted even the first no bed a seindicated during Flow

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- that the previously produced zone shall temain 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 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 on 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 GOD (oil zones only).