NFW JO OIL CONSERVATION COMMISSION

This form is <u>not</u> to be used for reporting packer leakage tests in Northwest New Mexico

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SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator	•		Shell	Oil Comp	eny	Lease	NTE Stape	NCE OCC	No. 1
Lo c ation of Well	Unit	P	Sec	35	Twp	1 9 8	Rge 36E	ICounty	Lea
	Name o	f Rese	rvoir o	r Pool	Type of (Oil or	Prod Gas)	Method All Prod Flow, Art Lift	Prod. Medium (Tbg or Csg)	Choke Size
Upper Compl	Eu	ont			Gas		Flow	Casing	
Lower Compl	Mor	ument			011		Flow	Tubing	18/64"

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:30 AM, July 1, 1963		
	Upper Completion	Lower Completion
Indicate by (X) the zone producing	<u> </u>	
Pressure at beginning of test	690	380
Stabilized? (Yes or No)	No	No
Maximum pressure during test	690	440
Minimum pressure during test	620	432
Pressure at conclusion of test	600	440
Pressure change during test (Maximum minus Minimum)	70	8
Was pressure change an increase or a decrease?	Decrease	Increase
Well closed at (hour, date): 9:30 AM, July 3, 1963 Production		
Oil Production Gas Production During Test: - bbls; Grav. -; During Test 2546 MC	F; GOR	•
Remarks		

FLOW TEST NO. 2		T
Well opened at (hour, date): 9:30 AM, July 4, 1963	Upper Completion	Lowe r Completion
Indicate by (X) the zone producing	· · · · · · · · · · · · · · · · · · ·	X
Pressure at beginning of test	690	605
Stabilized? (Yes or No)	Yes	<u>Yes</u>
Maximum pressure during test	690	605
Minimum pressure during test	643	110
Pressure at conclusion of test	643	
Pressure change during test (Maximum minus Minimum)	47	495
Was pressure change an increase or a decrease?	Decrease	Decrease
Well closed at (hour, date) 9:00 AM, July 5, 1963 Production	24 hour	<u>'8</u>
Oil Production During Test: 78 bbls; Grav.35° API Gas Production ;During Test: 91.1 MCF;	GOR	1168
Remarks		

Title Division Production Superintendent

Date____July 25, 1963

SOUTHEAST NEW MEXICO PACKER LEANAGE ... INSTRUCTIONS

1. A packer leakage test shal, 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 munication is suspected or when requested by the Commission.

2. At least 72 hours prior to the commencement of any packer leakage test, the operator shall notify the Commission in writing of the exact time the test is to be commenced. Offset operators shall also be so notified.

3. The packer reakage 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-near pressure in each has stabilized and for a minimum of two hours thereafter, provided however, that they need not remain shut-in more tage 24 hours.

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 until the rlowing wellhead pressure has become stabilized and for a minimum of two hours thereafter, provided however, that the flow test need not continue for more than 24 hours. 5. Following complexion of Flow Test No. 1 the well shall again be shutin, in accordance with Paragraph 3 above

6. Flow Test No. 2 shall be conducted even though no feak 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 previously shut-in zone is produced.

7. All pressures, throughout the entire test, shall be continuously measured and recorded with recording pressure gauges, the accuracy of which must be checked with a duadweight tester at least twice-once at the beginning and once at the erg of each flow test.

beginning and once at the ern of each flow test. 8. The results of the above-described tests shall be filed to triplicate within 15 days after completion of the test. Tests shall be filed with the appropriate District Office of the New Mexico Oil Consertion Commission on Southeast New Mexico Packer Leakage Test form Revised 11-1-58, together with the original pressure recording gauge charts with all the deadweight pressures which were taken indicated thereon. In the off filing the aforesaid charts, the operator may construct a pressure versus time curve for each zone of each test, indicating thereon all pressure changes which may be reflected by the gauge charts as well as all deadweight pressure readings which were taken. If the pressure curve is submitted, the original chart must be permanently filed to the operator's office. Form C-116 shall also acrompany the Packer Leikage Test Form when the test period coincides with a gas-oil ratio test period.

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