

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

3-OCC
1-USGS

Operator Tidewater Oil Company			Lease A. B. Coates C			Well No. 15	
Location of Well	Unit 0	Sec 24	Twp 25 S	Rge 37 E	County Lea		
Name of Reservoir or Pool			Type of Prod (Oil or Gas)	Method of Prod Flow, Art Lift	Prod. Medium (Tbg or Csg)	Choke Size	
Upper Compl	Justis Montoya		Oil	Flow	Tbg.	32/64	
Lower Compl	Justis Ellenburger		Oil	Flow	Tbg.	16/64	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 10:00 A.M., 1-17-65

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>10:00 A.M., 1-18-65</u>		
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	1000	790
Stabilized? (Yes or No).....	No	No
Maximum pressure during test.....	1120	790
Minimum pressure during test.....	1000	60
Pressure at conclusion of test.....	1120	80
Pressure change during test (Maximum minus Minimum).....	120	730
Was pressure change an increase or a decrease?.....	Increase	Decrease
Well closed at (hour, date): <u>10:20 A.M., 1-19-65</u>	Total Time On Production 24 hrs. /20 min.	
Oil Production	Gas Production	
During Test: 47 bbls; Grav. 35.4 ; During Test 48 MCF; GOR 1021		
Remarks _____		

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>10:30 A.M., 1-20-65</u>		
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	1250	810
Stabilized? (Yes or No).....	No	No
Maximum pressure during test.....	1250	930
Minimum pressure during test.....	70	810
Pressure at conclusion of test.....	240	930
Pressure change during test (Maximum minus Minimum).....	1180	120
Was pressure change an increase or a decrease?.....	Decrease	Increase
Well closed at (hour, date): <u>10:15 A.M., 1-21-65</u>	Total time on Production 23 hrs. /45 min.	
Oil Production	Gas Production	
During Test: 62 bbls; Grav. 37.1 ; During Test 237 MCF; GOR 3823		
Remarks _____		

I hereby certify that the information herein contained is true and complete to the best of my knowledge.

Approved _____ 19 _____
New Mexico Oil Conservation Commission

By _____
Title _____

Operator Tidewater Oil Company

By Original Signed By
J. L. WADE

Title Area Supt.

Date January 28, 1965

For each sample of Flow Test No. 1, the well shall be sampled in accordance with paragraph 3 above.

1. A packer leakage test shall be conducted on each well within seven days after shut-in, and thereafter as prescribed by the order. Such tests shall also be commenced on a well within 7 days following recompletion and on completion of any remedial work has been done on a well, if the tubing has been disturbed. Tests shall also be conducted if communication is suspected or when requested by the operator.
2. At least 72 hours prior to the commencement of the test, the operator shall notify the Commission that the test is to be commenced. Offset operators shall be notified.
3. The packer leakage test shall commence when the well is shut-in until the well-head pressure in the tubing has stabilized for a minimum of two hours thereafter. If the well is shut-in more than 24 hours.
4. For Flow Test No. 1, one zone of the well shall be shut-in at the normal rate of production and the test shall be continued until the flow has stabilized and for a minimum of two hours thereafter. If the test need not continue for a period of two hours.
5. Flow Test No. 2 shall be conducted even though no leak was detected during Flow Test No. 1. Procedure for Flow Test No. 2 is the same as for Flow Test No. 1 except that the previously produced zone shall be shut-in while the previously shut-in zone is produced.
6. The test shall be continuous throughout the entire test. The results shall be recorded with recording pressure gauges; the accuracy of which must be checked with a deadweight tester at least twice, once at the beginning and once at the end of each flow test.
7. 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 appropriate District Office of the New Mexico Oil Conservation Commission or the New Mexico Oil Conservation Commission together with the original pressure recording gauge charts with all the deadweight pressures which were taken indicated thereon. In lieu of filing the gauge charts, the operator may construct a pressure versus time chart for each zone of each test, indicating thereon all pressure readings 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 in the operator's files. The time chart shall also accompany the Packer Leakage Test Form when the test period coincides with a gas-oil ratio test period.

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