

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

3-OCC

Operator Tidewater Oil Company			Lease A. B. Coates C			Well No. 24	
Location of Well	Unit H	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 Blinberry		Oil	Flow	Csg.	11/64	
Lower Compl	Justis Tubb-Drinkard		Oil	Flow	Csg.	12/64	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 10:00 A.M., 2-6-65

Well opened at (hour, date): <u>10:00 A.M., 2-7-65</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>1120</u>	<u>1010</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>No</u>
Maximum pressure during test.....	<u>1120</u>	<u>1050</u>
Minimum pressure during test.....	<u>820</u>	<u>1010</u>
Pressure at conclusion of test.....	<u>940</u>	<u>1050</u>
Pressure change during test (Maximum minus Minimum).....	<u>300</u>	<u>40</u>
Was pressure change an increase or a decrease?.....	<u>Decrease</u>	<u>Increase</u>
Well closed at (hour, date): <u>10:00 A.M., 2-8-65</u>	Total Time On Production <u>24 hrs.</u>	
Oil Production	Gas Production	
During Test: <u>79</u> bbls; Grav. <u>37.7</u> ;	During Test <u>276</u> MCF; GOR	<u>3494</u>
Remarks _____		

FLOW TEST NO. 2

Well opened at (hour, date): <u>10:00 A.M., 2-9-65</u>	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>1140</u>	<u>1100</u>
Stabilized? (Yes or No).....	<u>No</u>	<u>No</u>
Maximum pressure during test.....	<u>1160</u>	<u>1100</u>
Minimum pressure during test.....	<u>1140</u>	<u>260</u>
Pressure at conclusion of test.....	<u>1160</u>	<u>290</u>
Pressure change during test (Maximum minus Minimum).....	<u>20</u>	<u>840</u>
Was pressure change an increase or a decrease?.....	<u>Increase</u>	<u>Decrease</u>
Well closed at (hour, date): <u>10:00 A.M., 2-10-65</u>	Total time on Production <u>24 hrs.</u>	
Oil Production	Gas Production	
During Test: <u>38</u> bbls; Grav. <u>34.3</u> ;	During Test <u>177</u> MCF; GOR	<u>4658</u>
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

Operator Tidewater Oil Company

Signed By _____

By _____

Title Area Supt.

Title _____

Date March 2, 1965

2. A packer leakage test shall be conducted on the well within seven days after actual completion of the wellbore and thereafter as prescribed by the order authorizing the test. Such tests shall also be commenced on a wellbore within seven days following recompletion and, on completion of fracture treatments, whenever remedial work has been done on a wellbore that has been shut-in. If the tubing has been disturbed, tests shall also be required if a change in communication is suspected or when requested by the Commission.
3. At least 72 hours prior to the commencement of a packer leakage test, the operator shall notify the Commission in writing that the test is to be commenced. Offset operators shall also be notified.
4. The packer leakage test shall commence with the wellbore shut-in. After completion, the wellbore shall be shut-in until the well-head pressure in the well has stabilized for a minimum of two hours thereafter, provided however, that the wellbore is shut-in more than 24 hours.
5. For Flow Test No. 1, one zone of the wellbore shall be shut-in at the normal rate of production while the other zones continue to flow. The test shall be continued until the flowing pressure in the wellbore has stabilized and for a minimum of two hours thereafter. The test shall continue until the flow test need not continue for any reason.

Flow Test No. 2 shall be conducted even though the results of the Flow Test No. 1. Procedure for Flow Test No. 2 is the same as for Flow Test No. 1 except that the previously produced gas shall be shut-in while the previously shut-in zone is produced.

4. The specimens throughout the entire test, shall be held in a steel frame and provided with recording pressure gauges, the test shall also be conducted with a deadweight tester at least three-fourths of the length and one-third of the end, of each flow test.

4. The results of the above-described tests shall be filed in the operator's log and data taken: completion of the test. Tests shall be filed with the appropriate District Office of the New Mexico Oil Conservation Commission in the Southeast New Mexico Packer Leakage Test Form Pattern 1-1-50 together with the original pressure recording gauge charts with all the dead-weight pressures which were taken indicated thereon. In lieu of the original dead-weight charts, the operator may construct a pressure versus time curve for each zone of each test, indicating thereon all pressure readings which may be reflected by the gauge charts as well as all dead-weight pressure readings which were taken. If the pressure curve is submitted, the original chart must be permanently filed in the operator's office. Form Pattern 1-1-50 shall also accompany the Packer Leakage Test Form when the test period coincides with a gas-oil ratio test period.

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