

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Continental Oil Company				Lease Baish "B"		Well No. 1	
Location of Well	Unit C	Sec 22	Twp 17		Rge 32	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	Maljamar Abo		Oil	Flow	Tbg.	36/64	
Lower Compl	Baish Wolfcamp		Oil	Pump	Tbg.	Open	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:55 A.M., 4-25-65

Well opened at (hour, date): 1:45 P.M., 4-26-65

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>1050</u>	<u>180</u>
Stabilized? (Yes or No).....	<u>No</u>	<u>Yes</u>
Maximum pressure during test.....	<u>150</u>	<u>180</u>
Minimum pressure during test.....	<u>1050</u>	<u>180</u>
Pressure at conclusion of test.....	<u>50</u>	<u>180</u>
Pressure change during test (Maximum minus Minimum).....	<u>1000</u>	<u>0</u>
Was pressure change an increase or a decrease?.....	<u>Decrease</u>	
Well closed at (hour, date): <u>12:30 P.M., 4-27-65</u>	Total Time On Production <u>24 hours</u>	
Oil Production During Test: <u>120</u> bbls; Grav. <u>41.3</u> ;	Gas Production During Test: <u>528</u> MCF; GOR <u>4400</u>	
Remarks <u>This zone flows on an intermitter.</u>		

FLOW TEST NO. 2

Well opened at (hour, date): 3:25 P.M., 4-28-65

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>1150</u>	<u>180</u>
Stabilized? (Yes or No).....	<u>No</u>	<u>Yes</u>
Maximum pressure during test.....	<u>1240</u>	<u>180</u>
Minimum pressure during test.....	<u>1150</u>	<u>65</u>
Pressure at conclusion of test.....	<u>1240</u>	<u>65</u>
Pressure change during test (Maximum minus Minimum).....	<u>90</u>	<u>115</u>
Was pressure change an increase or a decrease?.....	<u>Increase</u>	<u>Decrease</u>
Well closed at (hour, date): <u>3:25 P.M., 4-29-65</u>	Total time on Production <u>24 hours</u>	
Oil Production During Test: <u>62</u> bbls; Grav. <u>36.5</u> ;	Gas Production During Test: <u>75.8</u> MCF; GOR <u>1222</u>	
Remarks _____		

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

Approved W. L. B. B. B. 19 740 Operator Continental Oil Company
New Mexico Oil Conservation Commission By R. L. Seelton
By _____ Title Supervising Engineer
Title _____ Date May 11, 1965

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

1. A packer leakage test shall be commenced on each multiple 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 or on 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 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 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 and for a minimum of two hours thereafter, provided however, that they need not remain shut-in more than 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 flowing 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 completion of Flow Test No. 1, the well shall again be shut-in, in accordance with Paragraph 3 above.
6. Flow Test No. 2 shall be conducted even though no leak 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 deadweight tester at least twice, once at the beginning and once at the end, of each flow test.
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 appropriate District Office of the New Mexico Oil Conservation Commission, at least 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 lieu of 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 in the operator's office. Form C-116 shall also accompany the Packer Leakage Test Form when the test period coincides with a gas-oil ratio test period.



LTR



Job separation sheet

NEW MEXICO OIL CONSERVATION COMMISSION

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator CONTINENTAL OIL COMPANY			Lease Baish B		Well No. 1	
Location of Well	Unit C	Sec 22	Twp 17S	Rge 32E	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	Maljanar Abo		Oil	F	Tbg.	14/64
Lower Compl	Baish Wolfcamp		Oil	P (Kobe)	Tbg.	Open

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 7:00 A.M. 5-10-64

Well opened at (hour, date): 7:00 A.M. 5-11-64	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	250	60
Stabilized? (Yes or No).....	No	No
Maximum pressure during test.....	825	90
Minimum pressure during test.....	200	30
Pressure at conclusion of test.....	390	90
Pressure change during test (Maximum minus Minimum).....	625	60
Was pressure change an increase or a decrease?.....	Decrease	Increase
Well closed at (hour, date): 7:00 A.M. 5-17-64	Total Time On Production 24 Hours	
Oil Production	Gas Production	
During Test: 155 bbls; Grav. 42.6 ; During Test 237.7 MCF; GOR 1533		
Remarks		

FLOW TEST NO. 2

Well opened at (hour, date): 7:45 A.M. 5-13-64	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	1000	30
Stabilized? (Yes or No).....	No	Yes
Maximum pressure during test.....	1025	30
Minimum pressure during test.....	1000	30
Pressure at conclusion of test.....	1025	30
Pressure change during test (Maximum minus Minimum).....	25	0
Was pressure change an increase or a decrease?.....	Increase	
Well closed at (hour, date): 7:45 A.M. 5-14-64	Total time on Production 23 Hours - 40 Min.	
Oil Production	Gas Production	
During Test: 30 bbls; Grav. 39.4 ; During Test 26.1 MCF; GOR 870		
Remarks No Evidence of Communication		

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

JUN 2 1964

Approved _____ 19_____
New Mexico Oil Conservation Commission

By _____
Title _____
NMOC (3) FILE

Operator CONTINENTAL OIL COMPANY

By R. L. Freeborn
Supervising Engineer

Title _____
Date June 1, 1964

1. A packer leakage test shall be performed within seven days after drilling is completed and thereafter as prescribed by the packer manufacturer. Such tests shall also be conducted at least once every 30 days following recompletion and if there is any indication that remedial work has been done. If packer leakage or tubing have been disturbed, tests shall be performed if communication is suspected or if any other condition exists which may affect the integrity of the packer.

2. At least 72 hours prior to the test, the operator shall notify the owner of the test is to be commenced. If the

3. The packer leakage test shall be completed and the packer shall be shut-in until the well-head pressure has increased a minimum of two hours thereafter, provided the packer is not shut-in more than 24 hours.

4. For Flow Test No. 1, one zone at the normal rate of production, the test shall be continued until the stabilized and for a minimum of 10 days that the flow test need not continue.

u of flow Test No. 1, the we: shall remain as set
Paragraph 3 above.

[illegible]

Throughout the entire test, the temperature of the water was maintained at 60°C. The pressure was recorded with recording pressure gauges. The flow rate was measured with a deadweight tester at 10, 20, 30, 40, and 50 ml/min. The pressure drop of each flow rate was recorded.

[illegible]