

NEW MEXICO OIL CONSERVATION COMMISSSTON

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Continental Oil Company			Lease Britt "B"			Well No. 21	
Location of Well	Unit J	Sec 10	Twp 20	Rge 37	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	Weir Blinebry		oil	P	tubing	-	
Lower Compl	Monument Tubb		oil	F	tubing	12/64	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:00 a.m. 8-22-64

Well opened at (hour, date): 9:00 a.m. 8-23-64	Upper Completion	Lower Completion
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Indicate by (X) the zone producing.....		X
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Pressure at beginning of test.....	5	1640
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Stabilized? (Yes or No).....	yes	yes
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Maximum pressure during test.....	5	1640
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Minimum pressure during test.....	5	1280
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Pressure at conclusion of test.....	5	1280
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Pressure change during test (Maximum minus Minimum).....	0	360
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Was pressure change an increase or a decrease?.....	none	decrease
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Well closed at (hour, date): 9:00 a.m. 8-24-64	Total Time On Production	24 hours
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Oil Production	Gas Production	
During Test: 45 bbls; Grav. 40	During Test 14.2 MCF; GOR	315

Remarks

FLOW TEST NO. 2

Well opened at (hour, date): 9:00 a.m. 8-25-64	Upper Completion	Lower Completion
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Indicate by (X) the zone producing.....	X	
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Pressure at beginning of test.....	5	1630
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Stabilized? (Yes or No).....	yes	no
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Maximum pressure during test.....	5	1640
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Minimum pressure during test.....	5	1630
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Pressure at conclusion of test.....	5	1640
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Pressure change during test (Maximum minus Minimum).....	0	10
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Was pressure change an increase or a decrease?....	none	increase
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Well closed at (hour, date) 9:00 a.m. 8-26-64	Total time on Production	24 hours
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Oil Production	Gas Production	
During Test: 69 bbls; Grav. 41	During Test 712.5 MCF; GOR	10,326

Remarks No evidence of communications was observed during test.

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 Continental Oil Company
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By _____	By <u>R. L. Freeborn</u>
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Title _____	Title Supervising Engineer
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Date Sept. 9, 1964

1. A packer leakage test shall be conducted on each well within seven days after actual completion of the well and thereafter as prescribed by the order of the Commission. Such tests shall also be commenced on all wells within 30 days following recompletion and/or chemical or fracture treatments and whenever remedial work has been done on a well or when the tubing have been disturbed. Tests shall be conducted when communication is suspected or when repairs are made to the well.

2. At least 72 hours prior to the commencement of the test the operator shall notify the Commission in writing of the date the test is to be commenced. Official orders shall be issued.

3. The packer leakage test shall commence on the day of the completion are shut-in for pressure testing. The well shall be shut-in until the well-head pressure has stabilized for a minimum of two hours thereafter, provided however that the well shall be shut-in more than 24 hours.

4. For Flow Test No. 1, one zone of the well shall be tested at the normal rate of production while the remaining zones of the well shall be continued until the flow rate has stabilized and for a minimum of two hours thereafter. If the flow test need not continue for more than 24 hours.

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

Pressure shall be recorded throughout the entire test. Pressure shall be recorded with recording pressure gauges and shall also be checked with a deadweight tester at the end of each flow test.

Within 30 days after completion of the test, tests shall be made of the well by the District Office of the New Mexico Department of Conservation, New Mexico Packer Leakage Test. The operator shall submit original pressure recording gauge charts and pressure readings which were taken indicated thereon. For each zone of each test, the operator may consider the pressure readings which may be reflected by the gauge charts as the pressure readings which were taken. If the pressure readings which were taken shall also accompany the Packer Leakage Test. The test period coincides with a gas-oil ratio test period.

SEP 10 11 32 AM '64

NOBES COTTON CO. INC.