

NEW MEXICO OIL CONSERVATION COMMISSION  
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator J. R. CONE			Lease Eubanks			Well No. 1		
Location of Well		Unit M	Sec 14	Twp 21-South	Rge 37-East	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 Blinebry Oil				Oil	Flow	Tubing		22/64"
Lower Compl Drinkard				Oil	Flow	Tubing		28/64"

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 7:30 AM, March 8, 1970

Well opened at (hour, date): 7:30 AM, March 9, 1970

	Upper Completion Blinebry Csg.	Lower Completion Blinebry Tbg
Indicate by ( X ) the zone producing.....	X	
Pressure at beginning of test.....	930	770
Stabilized? (Yes or No).....	Yes	No
Maximum pressure during test.....	930	770
Minimum pressure during test.....	930	200
Pressure at conclusion of test.....	930	200
Pressure change during test (Maximum minus Minimum).....	NC	- 570
Was pressure change an increase or a decrease?.....	NC	Decrease
Well closed at (hour, date): 7:30 AM, March 10, 1970	Total Time On Production	24/00 hours
Oil Production	Gas Production	
During Test: 36 bbls; Grav. 39°	During Test 600.0	MCF; GOR 16,666

Remarks The Blinebry Oil and Gas zones both are perforated but separated by a packer in this well. The sliding sleeve in the Blinebry tubing opposite the Gas zone is closed. Blinebry production is taken only via the Blinebry Oil zone tubing string.

FLOW TEST NO. 2

Well opened at (hour, date): 7:30 AM, March 11, 1970	Upper Completion	Lower Completion
Indicate by ( X ) the zone producing.....		X
Pressure at beginning of test.....	930	790
Stabilized? (Yes or No).....	Yes	No
Maximum pressure during test.....	930	800
Minimum pressure during test.....	930	780
Pressure at conclusion of test.....	930	800
Pressure change during test (Maximum minus Minimum).....	NC	+ 20
Was pressure change an increase or a decrease?.....	NC	Increase
Well closed at (hour, date) Not shut in	Total time on Production	24/00 hours
Oil Production	Gas Production	
During Test: 28 bbls; Grav. 38.5°	During Test 85.0	MCF; GOR 3,036

Remarks This is a conventional dual completion utilizing two strings 2-1/16" tubing. The Drinkard zone produced by time cycle control, ten 16-minute flos per day.

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

Approved MAY 12 1970  
New Mexico Oil Conservation Commission

Operator J. R. CONE

By L. O. Storm - L. O. Storm

Title Engineer

Date May 6, 1970

1. A packer leaving test shall be connected and shall 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 gas wells completed within ten days following recompletion and/or chemical stimulation treatments, if ever 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 well completion are shut-in for pressure stabilization. Both zones shall remain shut-in until the well-head pressure in each has stabilized 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 free gas 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 bottomhole pressure has become stabilized and for a minimum of two months thereafter, provided however that the flow test need not continue for more than 24 hours.

9. Following completion of this Test No. 1, the wall shall again be shut-in as shown in Figure 2 above.

9. The test No. 2 shall be conducted exactly as test No. 1 was indicated during this test No. 1. Procedure for this test No. 2 is to be the same as for test No. 1. The test No. 2 shall be conducted on the same day as the test No. 1.

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.

[illegible]

<u>DWT</u>	<u>Hlinebry Casing Pen</u>	<u>Hlinebry Tubing Pen</u>	<u>Drinkard Tubing Pen</u>
0	0	0	10
500	500	485	500
750	740	740	740
1000	990	995	1005

