

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator ELWYN C. HALE				Lease Hale-State		Well No. 2	
Location of Well	Unit G	Sec 2	Twp 25-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	Justis Blinebry		Oil	Flow	Tubing	18/64"	
Lower Compl	Justis Tubb -Drinkard		Oil	Beam Pump	Tubing	1"	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:00 AM, May 21, 1966

Well opened at (hour, date):	Upper Completion	Lower Completion
8:15 AM; May 22, 1966		
Indicate by (X) the zone producing.....	X	
Pressure at beginning of test.....	785	690
Stabilized? (Yes or No).....	No	No
Maximum pressure during test.....	785	760
Minimum pressure during test.....	325	690
Pressure at conclusion of test.....	325	760
Pressure change during test (Maximum minus Minimum).....	-460	+70
Was pressure change an increase or a decrease?.....	Decrease	Increase
Well closed at (hour, date): 8:15 AM, May 23, 1966	Total Time On Production 24/00 hours	
Oil Production	Gas Production	
During Test: 37 bbls; Grav. 38.0° API; During Test 478.0 MCF; GOR 12,919		
Remarks This is a conventional dual completion utilizing parallel strings 2-3/8" tubing in 7-inch casing.		

FLOW TEST NO. 2

Well opened at (hour, date):	Upper Completion	Lower Completion
8:15 AM, May 24, 1966		
Indicate by (X) the zone producing.....		X
Pressure at beginning of test.....	790	775
Stabilized? (Yes or No).....	No	Yes
Maximum pressure during test.....	835	775
Minimum pressure during test.....	790	40
Pressure at conclusion of test.....	835	40
Pressure change during test (Maximum minus Minimum).....	+45	-735
Was pressure change an increase or a decrease?.....	Increase	Decrease
Well closed at (hour, date) Not shut in	Total time on Production 24/00 hours	
Oil Production	Gas Production	
During Test: 33 bbls; Grav. 36.48 API; During Test 154.0 MCF; GOR 4,053		
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 ELWYN C. HALE
By Lo Storm - L. O. Storm
Title _____ Engineer
Date June 3, 1966

1. A packer leakage test shall be conducted on the well within seven days after completion of the test. Such tests shall also be conducted on all wells within 30 days following recompletion and on all wells in which ever remedial work has been done on well head or tubing have been disturbed. Tests shall be conducted if communication is suspected or when requested by the operator.

2. At least 72 hours prior to the test, the operator shall notify the well owner that the test is to be conducted. Other operators shall be notified.

3. The packer leakage test shall be conducted on the completion are shut in for pressure stabilization. The test shall be conducted until the well-head pressure is stabilized for a minimum of two hours thereafter. The test shall be shut-in more than 24 hours.

4. For Flow Test No. 1, one zone of the well shall be at the normal rate of production. The test shall be conducted until the well-head pressure is stabilized and for a minimum of two hours thereafter. The test shall be shut-in more than 24 hours.

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Dead weight tester calibration of pressure recorder run prior to packer leakage test:

DWT	Blinebry Pen	Tubb-Drinkard Pen
0	0	0
500	500	490
1000	1020	1000
1500	1520	1515
2000	1995	2020

