

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator ELLYN C. HALE				Lease Hale-State			Well No. 3	
Location of Well	Unit H	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 North Justis Fusselman		Oil Oil	Flow Flow	Casing Tubing		1" 48/64"	
Lower Compl	North Justis McKee		Oil	Flow	Tubing		1"	

FLOW TEST NO. 1

All zones shut-in at (hour, date):		Top	Middle	Lower
		Completion	Completion	Completion
		Blinberry	Fusselman	McKee
Well opened at (hour, date):				
Indicate by (X) the zone producing.....			X	
Pressure at beginning of test.....		800	1025	490
Stabilized? (Yes or No).....		No	No	No
Maximum pressure during test.....		855	1025	500
Minimum pressure during test.....		800	440	490
Pressure at conclusion of test.....		855	480	500
Pressure change during test (Maximum minus Minimum).....		+55	- 585	+ 10
Was pressure change an increase or a decrease?.....		Increase	Decrease	Increase
Well closed at (hour, date):		Total Time On Production	24/05 hours	
Oil Production		Gas Production		
During Test: 41 bbls; Grav. 37.0° API;		64.0	MCF; GOR	1,561
Remarks This is a quadruple (combination) completion in a common well bore. Production from the fourth string, formerly Montoya, has been abandoned.				

FLOW TEST NO. 2

FLOW TEST NO. 2		Top Completion	Middle Lower Completion	Lower Completion
Well opened at (hour, date): <u>8:00 AM, June 14, 1972</u>				
Indicate by (X) the zone producing.....		<u>X</u>		
Pressure at beginning of test.....		<u>900</u>	<u>1030</u>	<u>500</u>
Stabilized? (Yes or No).....		<u>No</u>	<u>No</u>	<u>No</u>
Maximum pressure during test.....		<u>900</u>	<u>1120</u>	<u>505</u>
Minimum pressure during test.....		<u>30</u>	<u>1030</u>	<u>500</u>
Pressure at conclusion of test.....		<u>30</u>	<u>1120</u>	<u>505</u>
Pressure change during test (Maximum minus Minimum).....		<u>-870</u>	<u>+ 90</u>	<u>+ 5</u>
Was pressure change an increase or a decrease?.....		<u>Decrease</u>	<u>Increase</u>	<u>Increase</u>
Well closed at (hour, date) <u>8:30 AM, June 15, 1972</u>		Total time on Production	<u>24/30</u> hours	
Oil Production		Gas Production		
During Test: <u>None</u> bbls; Grav. <u>- -</u> ;		During Test <u>65.0</u>	MCF; GOR	<u>- - -</u>
Remarks <u>Blinebry Zone produced via 2-7/8" casing - no tubing. Fusselman and McKee Zones produced via 1-1/2" tubing in 3-1/2" casing. Fusselman and McKee pressures recorded on casing tubing annuli.</u>				

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 L. O. Storm - L. O. Storm

Orig. Signed by
Joe D. Ramey
Dist. I, Supv.

Title _____ Engineer _____
Date _____ July 29, 1972

1. A typical leakage test shall be conducted on a well after the well has been sealed and the well has been tested for leakage. Such tests shall be conducted on a well at least once every 30 days following completion and operation of the well. If ever remedial work has been done on a well during which the packer or the tubing have been disturbed, tests shall be conducted on the well. Such communication is suspended or when operation is suspended.

2. At least 24 hours prior to the communication test, the operator shall notify the appropriate authority of the test. The test is to be conducted on a well during the test.

3. The packer leakage test shall be conducted on a well after the well has been sealed and the well has been tested for leakage. Such tests shall be conducted on a well at least once every 30 days following completion and operation of the well. If ever remedial work has been done on a well during which the packer or the tubing have been disturbed, tests shall be conducted on the well. Such communication is suspended or when operation is suspended.

4. For flow tests, the operator shall conduct a flow test on a well at the normal rate of production. The flow test shall be conducted on a well at least once every 30 days following completion and operation of the well. If ever remedial work has been done on a well during which the packer or the tubing have been disturbed, tests shall be conducted on the well. Such communication is suspended or when operation is suspended.

5. The operator shall conduct a flow test on a well at the normal rate of production. The flow test shall be conducted on a well at least once every 30 days following completion and operation of the well. If ever remedial work has been done on a well during which the packer or the tubing have been disturbed, tests shall be conducted on the well. Such communication is suspended or when operation is suspended.

6. The operator shall conduct a flow test on a well at the normal rate of production. The flow test shall be conducted on a well at least once every 30 days following completion and operation of the well. If ever remedial work has been done on a well during which the packer or the tubing have been disturbed, tests shall be conducted on the well. Such communication is suspended or when operation is suspended.

7. The operator shall conduct a flow test on a well at the normal rate of production. The flow test shall be conducted on a well at least once every 30 days following completion and operation of the well. If ever remedial work has been done on a well during which the packer or the tubing have been disturbed, tests shall be conducted on the well. Such communication is suspended or when operation is suspended.

8. The operator shall conduct a flow test on a well at the normal rate of production. The flow test shall be conducted on a well at least once every 30 days following completion and operation of the well. If ever remedial work has been done on a well during which the packer or the tubing have been disturbed, tests shall be conducted on the well. Such communication is suspended or when operation is suspended.

B/T calibration of pressure recorder run prior to communication test:

DWT	Blinebry Pen	Fusselman Pen	McKee Pen
0	0	0	0
500	485	495	500
1000	995	995	990
1500	1500	1495	1515

