

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	20/64"	
Lower Compl	North Justis Tubb-Drinkard		Oil	Pump	Tubing	1"	

Note: This is a conventional dual completion: 2 strings 2-3/8" tubing in 7-inch casing.
FLOW TEST NO. 1

Both zones shut-in at (hour, date): 3:00 PM, April 25, 1965

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>8:30 AM, April 26, 1965</u>		
Indicate by (X) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>920</u>	<u>705</u>
Stabilized? (Yes or No).....	<u>No</u>	<u>No</u>
Maximum pressure during test.....	<u>920</u>	<u>840</u>
Minimum pressure during test.....	<u>455</u>	<u>705</u>
Pressure at conclusion of test.....	<u>455</u>	<u>840</u>
Pressure change during test (Maximum minus Minimum).....	<u>-465</u>	<u>+135</u>
Was pressure change an increase or a decrease?.....	<u>Decrease</u>	<u>Increase</u>
Well closed at (hour, date): <u>8:30 AM, April 27, 1965</u>	Total Time On Production <u>24/00 hours</u>	
Oil Production During Test: <u>37</u> bbls; Grav. <u>38.2° API</u> ;	Gas Production During Test <u>590</u> MCF; GOR <u>15,946</u>	
Remarks _____		

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>8:30 AM, April 28, 1965</u>		
Indicate by (X) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>1005</u>	<u>725</u>
Stabilized? (Yes or No).....	<u>No</u>	<u>No</u>
Maximum pressure during test.....	<u>1060</u>	<u>725</u>
Minimum pressure during test.....	<u>1005</u>	<u>35</u>
Pressure at conclusion of test.....	<u>1060</u>	<u>35</u>
Pressure change during test (Maximum minus Minimum).....	<u>+55</u>	<u>-69°</u>
Was pressure change an increase or a decrease?.....	<u>Increase</u>	<u>Decrease</u>
Well closed at (hour, date): <u>Not shut in</u>	Total time on Production <u>24/00 hours</u>	
Oil Production During Test: <u>59</u> bbls; Grav. <u>34.3° API</u> ;	Gas Production During Test <u>161.6</u> MCF; GOR <u>2,739</u>	
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 L. O. Storm - L. O. Storm

By _____ Title Engineer
Date May 18, 1965

...shall be shut-
 ...indicated
 ...the same
 ...shall re-
 ...produced
 ...shall be
 ...of
 ...at the
 ...
 ...in triplicate
 ...tests shall be filled with
 ...Conservation Com-
 ...Form Revised 11-1-54,
 ...the
 ...of
 ...versus
 ...sure
 ...lead-
 ...is sub-
 ...operator's
 ...form
 ...test period.

DWT calibration of pressure recorder run prior to test:

DWT	Blinebry Pen	Tubb-Drinkard Pen
0	0	0
200	195	200
400	390	405
600	585	610
800	790	785
1000	995	980
1200	1200	1170

