

NEW MEXICO OIL CONSERVATION COMMISSION

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator <b>Ralph Lowe</b>			Lease <b>Indian Basin "A"</b>			Well No. <b>1</b>		
Location of Well	Unit <b>J</b>	Sec <b>22</b>	Twp <b>21S</b>	Rge <b>23E</b>	County <b>Eddy</b>			
	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	<b>Canyon Dolomite (Penn.)</b>		<b>Gas</b>	<b>Flow</b>	<b>Tubing</b>	<b>22/64</b>		
Lower Compl	<b>Morrow Sand</b>		<b>Gas</b>	<b>Flow</b>	<b>Tubing</b>	<b>18/64</b>		

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 3:30 P.M.; January 11, 1963

Well opened at (hour, date): 11:30 P.M.; January 11, 1963

	Upper Completion	Lower Completion
Indicate by ( X ) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>2360</u>	<u>2890</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>2360</u>	<u>2824</u>
Minimum pressure during test.....	<u>2029</u>	<u>2890</u>
Pressure at conclusion of test.....	<u>2029</u>	<u>2824</u>
Pressure change during test (Maximum minus Minimum).....	<u>331</u>	<u>21</u>
Was pressure change an increase or a decrease?.....	<u>Decrease</u>	<u>Increase</u>

Well closed at (hour, date): 5:30 P.M.; January 12, 1963 Total Time On Production 18.0 Hours

Oil Production \_\_\_\_\_ Gas Production \_\_\_\_\_

During Test: 47.0 bbls; Grav. 58.4 ; During Test 3770 MCF; GOR 80,212

Remarks Ice plugged needle valve on Upper Zone at 3:45 A.M. and 6:00 A.M., January 11th.

Heating lamp applied at 1:15 P.M., January 12th. Needle valve cleared at 3:30 P.M.

FLOW TEST NO. 2

Well opened at (hour, date): 9:00 P.M.; January 12, 1963

	Upper Completion	Lower Completion
Indicate by ( X ) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>2359</u>	<u>2910</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>2371</u>	<u>2910</u>
Minimum pressure during test.....	<u>2359</u>	<u>2545</u>
Pressure at conclusion of test.....	<u>2371</u>	<u>2545</u>
Pressure change during test (Maximum minus Minimum).....	<u>12</u>	<u>365</u>
Was pressure change an increase or a decrease?.....	<u>Increase</u>	<u>Decrease</u>

Well closed at (hour, date): 1:00 A.M.; January 13, 1963 Total time on Production 4 Hours

Oil Production \_\_\_\_\_ Gas Production \_\_\_\_\_

During Test: 1.6 bbls; Grav. 53.0 ; During Test 830 MCF; GOR 518,750

Remarks \_\_\_\_\_

BEFORE EXAMINER NUTTER  
 OIL CONSERVATION COMMISSION  
 EXHIBIT NO. 5  
 CASE NO. 2788

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

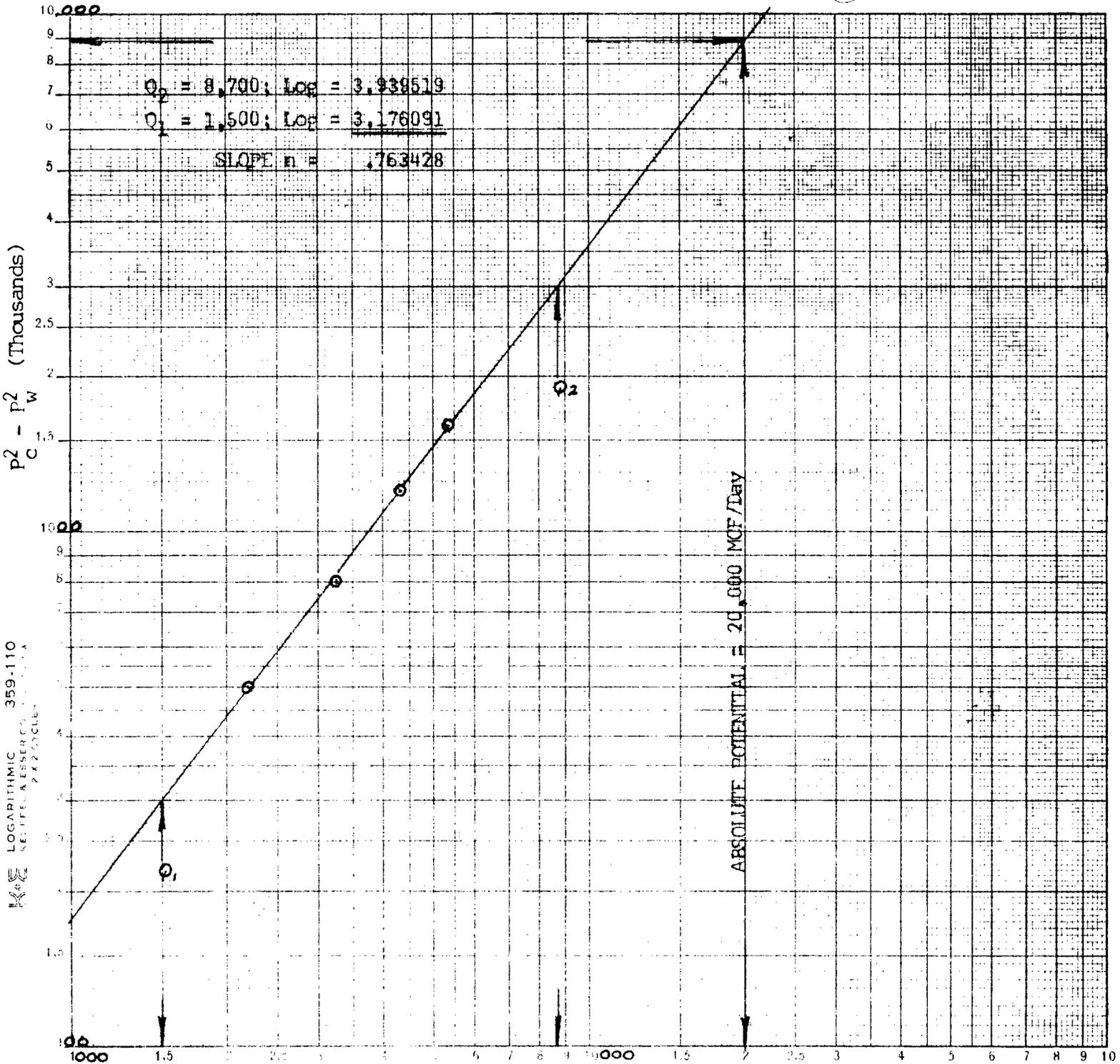
Operator Ralph Lowe  
 By Arthur P. Jones

By \_\_\_\_\_  
 Title **ILLEGIBLE**

Title Petroleum Engineer  
 Date January 15, 1963

COMPANY Ralph Lowe  
 WELL Indian Basin "A" 1 (Lower)  
 LOCATION J-22-21S-23E  
 COUNTY Eddy  
 DATE 1/10-11/1963

*Case 2788*



Q-MCF/Day @ 15.025 PSIA - 60°F

ILLEGIBLE