

NEW MEXICO OIL CONSERVATION COMMISSION

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Amerada Petroleum Corporation				Lease State NJ "A"		Well No. 3	
Location of Well	Unit A	Sec 2	Twp 25-S	Rge 37-E	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	1. Paddock		Gas	Flow	Tbg.	24/64	
	2. Blinbry		Oil	Flow	Tbg.	32/64	
Lower Compl	3. Fusselman		Oil	Flow	Tbg.	10/64	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:00 A. M., 5-20-63

Well opened at (hour, date): 9:00 A. M., 5-21-63

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	<u>1</u>	<u>2</u> <u>X</u>
Pressure at beginning of test.....	<u>1430</u>	<u>1580</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>No</u>
Maximum pressure during test.....	<u>1430</u>	<u>1580</u>
Minimum pressure during test.....	<u>1430</u>	<u>100</u>
Pressure at conclusion of test.....	<u>1430</u>	<u>100</u>
Pressure change during test (Maximum minus Minimum).....	<u>—</u>	<u>1480</u>
Was pressure change an increase or a decrease?.....	<u>Decrease</u>	<u>—</u>

Well closed at (hour, date): 9:00 A. M., 5-22-63

Oil Production _____ Gas Production _____

During Test: 16 bbls; Grav. 43.7°; During Test: 331 MCF; GOR 20,688

Remarks _____

FLOW TEST NO. 2

Well opened at (hour, date): 9:00 A. M., 5-23-63

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	<u>1</u>	<u>2</u> <u>X</u>
Pressure at beginning of test.....	<u>1430</u>	<u>1580</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>No</u>
Maximum pressure during test.....	<u>1430</u>	<u>1640</u>
Minimum pressure during test.....	<u>1430</u>	<u>1580</u>
Pressure at conclusion of test.....	<u>1430</u>	<u>1640</u>
Pressure change during test (Maximum minus Minimum).....	<u>—</u>	<u>60</u>
Was pressure change an increase or a decrease?.....	<u>Increase</u>	<u>Decrease</u>

Well closed at (hour, date): 9:00 A. M., 5-24-63

Oil Production _____ Gas Production _____

During Test: 93 bbls; Grav. 38.00; During Test: 120 MCF; GOR 1290

Remarks _____

Figure 1 is a line graph showing the percentage of total energy expenditure (TEE) for different activities over a 24-hour period. The Y-axis is 'Percentage of TEE' (0-100) and the X-axis is 'Time of Day' (0-24). The activities and their approximate percentages are:

Time of Day	Sleeping	Resting	Walking	Standing	Sitting	Eating
0	30	10	5	5	5	5
4	35	10	5	5	5	5
8	30	10	10	10	5	5
12	25	10	15	15	5	5
16	20	10	15	15	5	5
20	30	10	10	10	5	5
24	30	10	5	5	5	5

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FLOW TEST NO. 23

Well opened at (hour, date): 9:00 A. M., 5-25-63

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	<u>1</u> <u>x</u>	<u>2</u> <u>3</u>
Pressure at beginning of test.....	<u>1430</u>	<u>1650</u> <u>940</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>No</u> <u>Yes</u>
Maximum pressure during test.....	<u>1430</u>	<u>1670</u> <u>940</u>
Minimum pressure during test.....	<u>360</u>	<u>1650</u> <u>940</u>
Pressure at conclusion of test.....	<u>360</u>	<u>1670</u> <u>940</u>
Pressure change during test (Maximum minus Minimum).....	<u>1070</u>	<u>20</u> <u>-</u>
Was pressure change an increase or a decrease?.....	<u>Decrease</u>	<u>Increase</u>

Well closed at (hour, date) 9:00 A. M., 5-26-63 Total time on Production 24 hrs.

Oil Production _____ Gas Production _____

During Test: 2 bbls; Grav. 45.8°; During Test 1256 MCF; GOR 629,000

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

By [Signature]
Title _____

Operator Amerada Petroleum Corporation

By [Signature]

Title Farm Boss

Date June 14. 1963

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