

NEW MEXICO OIL CONSERVATION COMMISSION
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator Amerada Petroleum Corporation			Lease L.G. Harlick "A"			Well No. 2	
Location of Well	Unit J	Sec 19	Twp 21 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	(1) Penrose Skelly		Oil	Flow	Tbg.	17/64"	
Compl	(2) Paddock		Oil	Flow	Tbg.	21/64"	
Lower	(3) Hlinebry		Gas	Flow	Tbg.	18/64"	
Compl	(4) Drinkard		Oil	Flow	Tbg.	21/64"	

FLOW TEST NO. 1

All
~~Both~~ zones shut-in at (hour, date): 9:15 AM 4-9-63

Well opened at (hour, date): 9:15 AM 4-10-63

	Upper Completion		Lower Completion	
	(1)	(2)	(3)	(4)
Indicate by (X) the zone producing.....	X			
Pressure at beginning of test.....	650	595	2130	1840
Stabilized? (Yes or No).....	Yes	Yes	No	Yes
Maximum pressure during test.....	650	600	2170	1840
Minimum pressure during test.....	265	595	2130	1840
Pressure at conclusion of test.....	290	600	2170	1840
Pressure change during test (Maximum minus Minimum).....	385	5	40	0
Was pressure change an increase or a decrease?.....	D	I	I	-

Well closed at (hour, date): 9:15 AM 4-11-63 Total Time On Production 24 Hours

Oil Production _____ Gas Production _____

During Test: 41 bbls; Grav. 37.0°; During Test 385 MCF; GOR 9390

Remarks _____

FLOW TEST NO. 2

Well opened at (hour, date): 9:15 AM 4-12-63

	Upper Completion		Lower Completion	
	(1)	(2)	(3)	(4)
Indicate by (X) the zone producing.....		X		
Pressure at beginning of test.....	710	600	2220	1860
Stabilized? (Yes or No).....	No	Yes	No	No
Maximum pressure during test.....	770	600	2230	1880
Minimum pressure during test.....	710	80	2220	1860
Pressure at conclusion of test.....	770	215	2230	1880
Pressure change during test (Maximum minus Minimum).....	60	385	10	20
Was pressure change an increase or a decrease?.....	I	D	I	I

Well closed at (hour, date): 9:15 AM 4-13-63 Total time on Production 24 Hours

Oil Production _____ Gas Production _____

During Test: 67 bbls; Grav. 37.0°; During Test 24 MCF; GOR 358

Remarks _____

FLOW TEST NO. 1XX 3

Both zones shut-in at (hour, date) _____

Well opened at (hour, date): 9:15 AM 4-14-63

	Upper Completion		Lower Completion	
	(1)	(2)	(3)	(4)
Indicate by (X) the zone producing.....				X
Pressure at beginning of test.....	<u>775</u>	<u>215</u>	<u>2240</u>	<u>1880</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>790</u>	<u>215</u>	<u>2240</u>	<u>1880</u>
Minimum pressure during test.....	<u>775</u>	<u>215</u>	<u>2240</u>	<u>810</u>
Pressure at conclusion of test.....	<u>790</u>	<u>215</u>	<u>2240</u>	<u>810</u>
Pressure change during test (Maximum minus Minimum).....	<u>15</u>	<u>0</u>	<u>0</u>	<u>1070</u>
Was pressure change an increase or a decrease?.....	<u>I</u>	<u>-</u>	<u>-</u>	<u>D</u>

Well closed at (hour, date): 9:15 AM 4-15-63 Total Time On Production 24 Hours

Oil Production _____ Gas Production _____

During Test: 110 bbls; Grav. 40.0°; During Test 858 MCF; GOR 7800

Remarks _____

FLOW TEST NO. 2X 4

Well opened at (hour, date): 9:15 AM 4-16-63

	Upper Completion		Lower Completion	
	(1)	(2)	(3)	(4)
Indicate by (X) the zone producing.....				X
Pressure at beginning of test.....	<u>220</u>	<u>810</u>	<u>2240</u>	<u>1800</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>	<u>Yes</u>	<u>No</u>
Maximum pressure during test.....	<u>220</u>	<u>815</u>	<u>2240</u>	<u>1860</u>
Minimum pressure during test.....	<u>220</u>	<u>810</u>	<u>1260</u>	<u>1800</u>
Pressure at conclusion of test.....	<u>220</u>	<u>815</u>	<u>1710</u>	<u>1860</u>
Pressure change during test (Maximum minus Minimum).....	<u>0</u>	<u>5</u>	<u>530</u>	<u>60</u>
Was pressure change an increase or a decrease?.....	<u>-</u>	<u>I</u>	<u>D</u>	<u>I</u>

Well closed at (hour, date): 9:15 AM 4-17-63 Total time on Production 24 Hours

Oil Production _____ Gas Production _____

During Test: 64 bbls; Grav. 40.0°; During Test 1528 MCF; GOR 23,875

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 AMERADA PETROLEUM CORPORATION

By _____

Title Assistant District Supt.

Date May 7, 1963

By [Signature]

Title _____