

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

| | | | | | | | |
|--------------------------------|--|------------------------------|----------------------------------|------------------------------|-------------------------|----------------------|--|
| Operator TEXACO Inc. | | | Lease Peary-Federal | | | Well No. 2 | |
| Location of Well | Unit 0 | Sec 29 | Twp 15-S | Rge 30-E | County Chaves | | |
| 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 | Little Lucky Lake (Devonian) | | Oil | Flow | Tbg | 12/64 | |
| Lower Compl | Little Lucky Lake (Ellenburger) | | Gas | Flow | Tbg | 18/64 | |

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 10:00 AM, 7-6-59

| | Upper Completion | Lower Completion |
|---|---|---------------------|
| Well opened at (hour, date): <u>1:10 PM, 7-6-59</u> | | |
| Indicate by (X) the zone producing..... | <u>x</u> | |
| Pressure at beginning of test..... | <u>1500</u> | <u>2750</u> |
| Stabilized? (Yes or No)..... | <u>yes</u> | <u>yes</u> |
| Maximum pressure during test..... | <u>1370</u> | <u>2790</u> |
| Minimum pressure during test..... | <u>970</u> | <u>2750</u> |
| Pressure at conclusion of test..... | <u>1370</u> | <u>2790</u> |
| Pressure change during test (Maximum minus Minimum)..... | <u>400</u> | <u>40</u> |
| Was pressure change an increase or a decrease?..... | <u>Increase</u> | <u>Increase</u> |
| Well closed at (hour, date): <u>5:40 PM, 7-6-59</u> | Total Time On Production <u>4.5 hrs.</u> | |
| Oil Production | Gas Production | |
| During Test: <u>37.4</u> bbls; Grav. <u>60°</u> ; During Test <u>71.4</u> MCF; GOR <u>1909</u> | | |
| Remarks <u>MOCC and offset operators notified by letter dated June 29, 1959, prior to</u> <u>initiating this test.</u> | | |

FLOW TEST NO. 2

| | Upper Completion | Lower Completion |
|--|--|---------------------|
| Well opened at (hour, date): <u>8:30 PM, 7-6-59</u> | | |
| Indicate by (X) the zone producing..... | | <u>x</u> |
| Pressure at beginning of test..... | <u>1540</u> | <u>2760</u> |
| Stabilized? (Yes or No)..... | <u>yes</u> | <u>yes</u> |
| Maximum pressure during test..... | <u>1540</u> | <u>2760</u> |
| Minimum pressure during test..... | <u>1525</u> | <u>0</u> |
| Pressure at conclusion of test..... | <u>1525</u> | <u>0</u> |
| Pressure change during test (Maximum minus Minimum)..... | <u>15</u> | <u>2760</u> |
| Was pressure change an increase or a decrease?..... | <u>Decrease</u> | <u>Decrease</u> |
| Well closed at (hour, date) <u>12:45 AM, 7-7-59</u> | Total time on Production <u>4.25 hrs.</u> | |
| Oil Production | Gas Production | |
| During Test: <u>0</u> bbls; Grav. <u>-</u> ; During Test <u>*5.0</u> MCF; GOR <u>-</u> | | |
| Remarks <u>*Ellenburger died 30 minutes after opening up. This gas produced during the 30</u> <u>minute period.</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

By _____
Title _____

Operator TEXACO Inc.
By R. A. Steelman
R. A. Steelman
Title Petroleum Engineer
Date _____

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

6-1-56

PACKER-SETTING AFFIDAVIT
(Dual Completions)

STATE OF New Mexico)
County of Chaves) ss

H. H. Addison, being first duly sworn according to law, upon his oath deposes and says:

That he is of lawful age and has full knowledge of the facts herein below set out.

That he is employed by TEXACO Inc. in the capacity of Drilling Foreman and as such is its authorized agent.

That on June 2, 19 59, he personally supervised the setting of a Baker Model #D# Packer in TEXACO Inc.'s
(Make and Type of Packer) (Operator)

Peery-Federal Well No. 2, located in Unit
(lease)
Letter 0, Section 29, Township 15-S, Range 30-E, NMPM,
Chaves County, New Mexico.

That said packer was set at a subsurface depth of 11,975 feet, said depth measurement having been furnished by New Guns, Inc.

That the purpose of setting this packer was to effect a seal in the annular space between the two strings of pipe where the packer was set so as to prevent the commingling, within the well-bore, of fluids produced from a stratum below the packer with fluids produced from a stratum above the packer. That this packer was properly set and that it did, when set, effectively and absolutely seal off the annular space between the two strings of pipe where it was set in such manner as that it prevented any movement of fluids across the packer.

TEXACO Inc.
(Company)

H. H. Addison
(its Agent)

Subscribed and sworn to before me this the 11 day of July, AD, 19 59.

Anthony B. Williams
Notary Public in and for the County
of Chaves

My Commission Expires April 12, 1961.