

NEW MEXICO OIL CONSERVATION COMMISSION

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

| | | | | | | | |
|---|------------------------|-------------------|-----------------------------------|-------------------------------|---------------------------|-------------------|--|
| Operator Gulf Oil Corporation | | | Lease Arnott-Ramsay "F" | | | Well No. 5 | |
| Location of Well | Unit A | Sec. 36 | Twp 25S | Rge 37E | 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 | Tbg | 16/64" | |
| Lower Compl | Justis Drinkard | | Oil | Flow | Tbg | 16/64" | |

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 10:00 AM 3-14-60

Well opened at (hour, date): 10:30 AM 3-15-60

| | | |
|--|------------------|------------------|
| Indicate by (X) the zone producing..... | Upper Completion | Lower Completion |
| | | X |
| Pressure at beginning of test..... | <u>906</u> | <u>87</u> |
| Stabilized? (Yes or No)..... | <u>Yes</u> | <u>Yes</u> |
| Maximum pressure during test..... | <u>911</u> | <u>290</u> |
| Minimum pressure during test..... | <u>906</u> | <u>0</u> |
| Pressure at conclusion of test..... | <u>911</u> | <u>250</u> |
| Pressure change during test (Maximum minus Minimum)..... | <u>5</u> | <u>290</u> |
| Was pressure change an increase or a decrease?..... | <u>Increase</u> | <u>Increase</u> |

Well closed at (hour, date): 10:30 AM 3-16-60 Total Time On Production 24 hours

Oil Production During Test: 108 bbls; Grav. 35.2 @ 60°; Gas Production During Test 85.8 MCF; GOR 794

Remarks _____

FLOW TEST NO. 2

Well opened at (hour, date): 10:30 AM 3-17-60

| | | |
|--|------------------|------------------|
| Indicate by (X) the zone producing..... | Upper Completion | Lower Completion |
| | X | |
| Pressure at beginning of test..... | <u>912</u> | <u>758</u> |
| Stabilized? (Yes or No)..... | <u>Yes</u> | <u>Yes</u> |
| Maximum pressure during test..... | <u>912</u> | <u>762</u> |
| Minimum pressure during test..... | <u>620</u> | <u>758</u> |
| Pressure at conclusion of test..... | <u>721</u> | <u>762</u> |
| Pressure change during test (Maximum minus Minimum)..... | <u>292</u> | <u>4</u> |
| Was pressure change an increase or a decrease?..... | <u>Decrease</u> | <u>Increase</u> |

Well closed at (hour, date) 8:30 AM 3-18-60 Total time on Production 22 hours

Oil Production During Test: 55 bbls; Grav. 39 : 60°; Gas Production During Test 27.0 MCF; GOR 491

Remarks Choke sanded up during test, restricting choke size smaller than 16/64".

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 Gulf Oil Corporation

By _____

By _____
Title _____

Title Petroleum Engineer

Date March 28, 1960



