

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

| | | | | | | | |
|---|---------------------------|------------------|----------------------------------|----------------------------------|------------------------------|----------------------|--|
| Operator Pan American Petroleum Corporation | | | Lease State "C" Tr. 13 | | | Well No. 9 | |
| Location of Well | Unit F | Sec 36 | 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 Compl | Tubb | | Oil | Flow | Tbg. | 18/64 | |
| Lower Compl | Drinkard | | Oil | Flow | Tbg. | 17/64 | |

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 1:15 p.m. - 9-20-65

| | Upper Completion | Lower Completion |
|--|---|---------------------|
| Well opened at (hour, date): <u>1:15 p.m. - 9-21-65</u> | | |
| Indicate by (X) the zone producing..... | <u>X</u> | |
| Pressure at beginning of test..... | <u>354</u> | <u>652</u> |
| Stabilized? (Yes or No)..... | <u>Yes</u> | <u>No</u> |
| Maximum pressure during test..... | <u>850</u> | <u>680</u> |
| Minimum pressure during test..... | <u>300</u> | <u>652</u> |
| Pressure at conclusion of test..... | <u>300</u> | <u>680</u> |
| Pressure change during test (Maximum minus Minimum)..... | <u>550</u> | <u>28</u> |
| Was pressure change an increase or a decrease?..... | <u>Dec.</u> | <u>Inc.</u> |
| Well closed at (hour, date): <u>9:15 p.m. - 9-21-65</u> | Total Time On Production <u>8 hours</u> | |
| Oil Production | Gas Production | |
| During Test: <u>14</u> bbls; Grav. <u>40.8</u> ; | During Test <u>102</u> MCF; GOR <u>7285</u> | |
| Remarks <u>* 4 hour test - No Leak Indicated.</u> | | |

FLOW TEST NO. 2

| | | |
|--|---|---------------------|
| Well opened at (hour, date): <u>5:00 p.m. - 9-22-65</u> | Upper Completion | Lower Completion |
| Indicate by (X) the zone producing..... | | <u>X</u> |
| Pressure at beginning of test..... | <u>550</u> | <u>712</u> |
| Stabilized? (Yes or No)..... | <u>Yes</u> | <u>No</u> |
| Maximum pressure during test..... | <u>550</u> | <u>712</u> |
| Minimum pressure during test..... | <u>550</u> | <u>30</u> |
| Pressure at conclusion of test..... | <u>550</u> | <u>90</u> |
| Pressure change during test (Maximum minus Minimum)..... | <u>0</u> | <u>682</u> |
| Was pressure change an increase or a decrease?..... | <u>---</u> | <u>Dec.</u> |
| Well closed at (hour, date): <u>5:00 p.m. - 9-23-65</u> | Total time on Production <u>24 hours</u> | |
| Oil Production | Gas Production | |
| During Test: <u>44</u> bbls; Grav. <u>41.6°</u> ; | During Test <u>75</u> MCF; GOR <u>3555</u> | |
| Remarks _____ | | |

I hereby certify that the information herein contained is true and complete to the best of my knowledge.

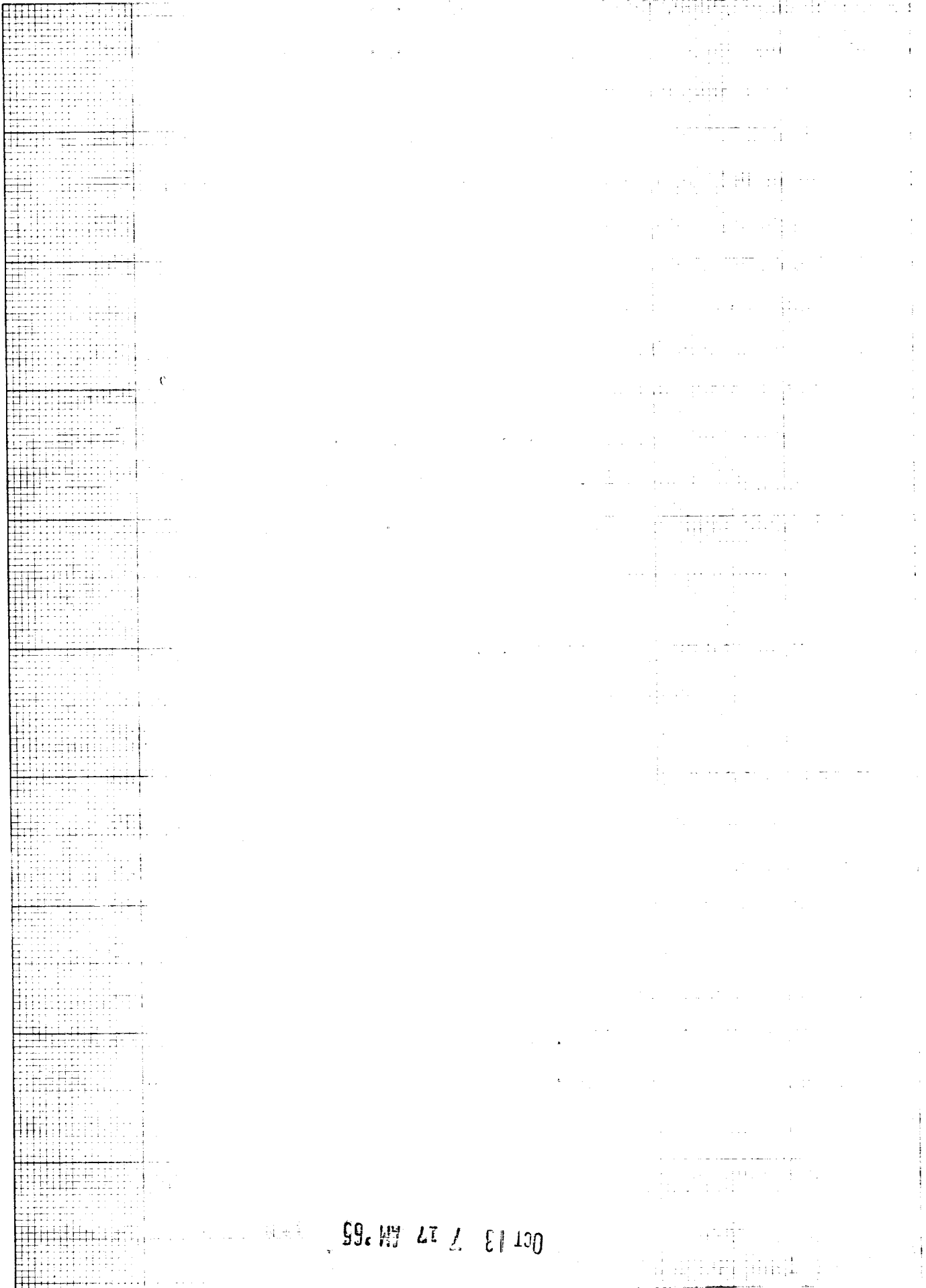
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|---|---|
| Approved _____ 19 _____ New Mexico Oil Conservation Commission | Operator <u>Pan American Petroleum Corp.</u> Original Signed By: <u>L. W. MEEK</u> By <u>J. W. Meek</u> Title <u>Area Engineer</u> Date <u>October 11, 1965</u> |
| By _____ Title _____ | |

1. A packer leakage test shall be conducted on each well within seven days after actual completion and thereafter as prescribed by the order of completion. Such tests shall also be commenced on any well within five days following recompletion and/or cleaning operations if remedial work has been done on the well or if the tubing have been disturbed. Tests shall be conducted when communication is suspected or when required by the order of completion.
2. At least 72 hours prior to the commencement of the test is to be commenced. Operator shall notify the order of completion.
3. The packer leakage test shall be conducted on completion are shut-in for pressure. The well shall be shut-in until the well-head pressure has stabilized for a minimum of two hours thereafter, provided that the shut-in more than 24 hours.
4. For Flow Test No. 1, one zone shall be tested at the normal rate of production while the well is shut-in. The test shall be continued until the well-head pressure has stabilized and for a minimum of two hours thereafter. That the flow test need not continue.

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