| | · | į | | | |
|--|---|-------------------|------------------|---------------------------|------------------|
| - ATT OTE O | NEW MEX ONSERVATION | ICO COMMISSION | r | | |
| | 1. 1. m | | | | 4-1-56 |
| | ACKER LEAKA | | 000 | | |
| Operator Singlate Oll & Gas Company | P99. | (Upper Com | pletion)_ | ean Pennsylv | neten- |
| Lease State Lea 306 We | llPool | (Lóweżi/Com | pletion)_n | ean Pennsylv | |
| Location: Unit P , S. 35, T 153, | | | - 200 | | ounty, N. M. |
| | Pre-Test S | | | | |
| Shut in at (hour data) | | Upper C | Completion | Lower Compl | Letion |
| Shut-in at (hour, date) | | 7.00136 | 41 | 3+00PM 6-21 8+00M 6-22 | ··· / — |
| zongon or ormo required to statiffiza | Flow Test 1 | | 198 | 17-hours | |
| Test commenced at (hour, date) 9: | -0494 | | | | |
| Completion producing Devonian | Completio | on chut in | • | Choke size | 20/64 |
| | 1 | Inner Compl | etion | Lower Compl | etion |
| Stabilized pressure at beginning of | test | 3005 | psi | | psi |
| Maximum pressure during test | | 10-5 | psi | 1000 | psi |
| Minimum pressure during test | | | psi | 75 | psi |
| Pressure at end of test | • • • • • • • • • • • • | 1025 | psi | 100 | psi |
| Oil flow rate during test: 534 | BOPD based o | DD 04 | si BO in | 25 | psi |
| Gas flow rate during test: 57.6 | MCFPD based | on | MCF in | | hours, hours, |
| | Mid-Test Sh | | | | 110010; |
| | | Unner C | ompletion | Lower Compl | etion |
| Shut-in at (hour, date) | • • • • • • • • • • • | 0 - 00 - | 1 | 9:30 FM 6 | |
| ilessure stabilized at thour. Gatel. | | | | 3+00PM 6-2 | |
| Length of time required to stabilize | (hours) | 162 hos | 176 | 169 hours | |
| | Flow Test N | lo. 2 | | - | |
| Test commenced at (hour, date) 10:3 | SM 6-22-56 | | | (1) - 1 · · | |
| Completion producing Pennsylvanian | | ion shut-i | n D | Choke size_ | _20/64# |
| | Ū | oper Comple | | Lower Comple | tion |
| Stabilized pressure at beginning of | test | 1025 | psi | 1020 | psi |
| Maximum pressure during test | • | 745 | psi | 1030 | psi |
| Minimum pressure during test Pressure at end of test | • | 350 | psi | 1020 | psi |
| Maximum pressure change during test. | | 350 395 | psi | - | psi |
| Oil flow rate during test: 557 F | 3OPD based o | n 222 | psi . BO in _ | 0 | psi hours. |
| Gas flow rate during test: 2895.9 M | MCFPD based | on 373.3 | MCF in | | hours. |
| Test performed by W. H. Heisler | | Title | | | |
| | · | 11016 | -Inginour | | |
| Witnessed by C. G. Confer | | Titlen | istrict In | ringen | |
| REMARKS: | | | | | |
| | | | | | |
| | | | | | |
| NOTE: Recording gauge pressure char phases of the test shall be submitte | ts, test da | ta sheet, a | and a grapl | hic depictio | n of all |
| AFFIDAVIT: | | * | | | |
| APPIDAVII: | | | | | |
| I HEREBY CERTIFY that all | conditions | nnacanibaá |) has 023 0. | | . |
| or one beate of New Mexico for this | packer leak | age test we | ere complia | ed with and b | an maded |
| out in full, and that all dates and | facts set f | orth in thi | s form and | all attach | ed material |
| are true and correct. | | | | | od madooi iai |
| | | | | | * |
| 91/9/9/0 | | | | | ž. |
| W. H. Hersler | r | | | | <i>y</i> |
| (Representative of Company Making | Test) | Sincleir 0 | | aking Test) | |
| _ | · | | (company i | erutification | |
| SWORN TO AND SUBSCRIBED before me th | in the 961 | A . (| <i>\</i> | | |
| | is the ZbC | poay of | Leen - | 1 | 19 - 1/2 |
| | is the ZBE | Reay of | Jen - | | 19 .57 |
| | is the ZBE | gay of | Jen | ., | 19 12 |
| | is the ZBE | eay of | 17 | | 19 <u>37</u> |
| i e | · . | S | Lifte | id. | |
| | · | Notary Publ | | for the Cour | ty of fine |

Orig. & lee: OCC ce: FHR, HFD, HAM, JKL, File

(OVER)

INSTRUCTIONS (SOUTHEAST NEW MEXICO ONLY)

- 1. At least 24 hours prior to the commencement of this test, the operator shall notify the District Office of the Oil Conservation Commission in writing of the exact time said test is to be commenced.
- 2. The packer leakage test shall commence with both sides of the completion shut-in. Both sides of the completion must be shut-in a sufficient length of time to allow for complete stabilization of both wellhead pressures, and for a minimum of 2 hours thereafter- this minimum of 2 hours shut-in must show on the charts of the pressure recorder and also must appear on the data sheet.
- 3. For Flow Test No. 1, one side of the dual completion shall be produced with the other side shut-in. Such test shall be continued until the flowing wellhead pressure has become stabilized and for a minimum of 2 hours thereafter, and shall be at a rate of flow approximating the normal rate of flow for the zone being produced.
- 4. Following the completion of flow test No. 1, the well will again be shut-in, and remain so until the wellhead pressures have again become stabilized and for a minimum of 2 hours thereafter.
- 5. Flow Test No. 2 shall be performed with the previously shut-in side of the dual completion flowing and with the flowing side of the completion used in test number 1 remaining shut-in. This test shall be conducted exactly as outlined under Flow Test No. 1, and must be performed even though no leak was indicated by Flow Test No. 1.
- 6. All pressures, throughout the entire test, must be continuously measured and recorded with recording pressure gauges.
- 7. The accuracy of the recording gauges shall be checked at regular intervals throughout the test with a dead weight test gauge, and such readings shall be recorded on the test data sheet provided.
- 8. For any well on which the wellhead pressures will not stabilize in (24) twenty four hours or less, the minimum producing or shut-in time allowed for stabilization shall be (24) twenty-four hours.
- 9. This form must be completed and filed in duplicate with the District Office of the Oil Conservation Commission within 15 days following the completion of the testing, and must be accompanied by:
 - a. all of the charts, or copies thereof, used on the pressure recorders during the test.
 - b. the test data-sheet (s), or copies thereof, required under paragraph 7 above.
 - c. a graph depicting the pressures and their changes, for both sides of the completion over the entire test.
- 10. This packer leakage test shall be performed upon dual completion of any new wells so approved by the Commission. This test shall also be required each year during the annual GOR test for the lowermost oil zone or oil pool so concerned. The Commission may also request packer leakage tests at any time they feel that a new test is desirable.