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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

MAY 10 3 03 PM '66

| | |
|---|------------------------------|
| 5a. Indicate Type of Lease | |
| State <input checked="" type="checkbox"/> | Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No. | |
| E-1922 | |

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT --" (FORM C-101) FOR SUCH PROPOSALS.)

| | | |
|---|--|--|
| 1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- Injection Well | | 7. Unit Agreement Name |
| 2. Name of Operator Gulf Oil Corporation | | West Pearl Queen Unit |
| 3. Address of Operator Box 670, Hobbs, New Mexico | | 8. Farm or Lease Name |
| 4. Location of Well | | 9. Well No. 158 |
| UNIT LETTER L , 2310 FEET FROM THE South LINE AND 330 FEET FROM | | 10. Field and Pool, or Wildcat Pearl Queen |
| THE West LINE, SECTION 32 TOWNSHIP 19-S RANGE 35-E N.M.P.M. | | |
| 15. Elevation (Show whether DF, RT, GR, etc.) 3720' OL | | 12. County Lea |

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐
OTHER ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOB ☐
OTHER ☐

SUBSEQUENT REPORT OF:

Converted to water injection service

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Killed well with 60 barrels of water. Pulled tubing and packer. Ran tubing with Halliburton retrievable squeeze tool and checked BP at 4068'. Set packer at 3849'. Pumped 100 sacks of Incor cement with .6% Halad 9 and 1% Ca Cl₂ O# to 1700# pressure. Pulled tubing and tools. Ran 6-1/4" bit on 2-3/8" tubing. Drilled 35' of cement stringers and 160' of hard cement to top of cement retainer at 4069'. Circulated hole. Tested squeezed perforations 4048' to 4058' with 1500#, 20 minutes. OK. Drilled out retainer at 4079' and Baker Model K BP at 4210'. Pulled tubing and bit. Reran tubing with Howco packer set at 4660' and tested BP at 4695' with 2000#, 30 minutes, OK. Set packer at 4537' and squeezed perforations 4637' to 4645' with 200 sacks cement. WOC 12 hours. Ran 6 1/4" bit on 2-3/8" tubing to top of cement at 4560'. Drilled cement to bottom perforations at 4645'. Tested squeezed perforations 4637' to 4645' with 1000#. Had small seep leak. Cleaned out to 5065' and pulled tubing and bit. Ran Sonic log from PB to 4714'. Dumped 8 sacks El Tore cement with 2% Ca Cl₂. WOC 2 1/2 hours. Tagged top of cement at 5011'. Ran 6 1/4" bit on 2-3/8" tubing and drilled cement from 5011' to 5020'. Circulated. Pulled tubing and bit. Treated open hole interval 4711' to 5020' with 4000 gallons of 15% NE acid. Flushed with 33 barrels of water. AIR 2.1 bpm. Maximum pressure 1900#, min. 1500#. ISIP 1200#, after 5 minutes 1100#. POH. Ran Quiberson Type AF plastic coated tension type packer on 2-3/8" tubing. Set packer at 4681' with 13,000# tension. Installed surface equipment and started injecting water at 4:00 PM, May 7, 1966.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

ORIGINAL SIGNED BY

SIGNED L. A. TURNER

TITLE Area Petroleum Engineer

DATE May 10, 1966

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: