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NEW MEXICO OIL CONSERVATION COMMISSION

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

| |
|--|
| 5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No. 27179 |
| 7. Unit Agreement Name |
| 8. Farm or Lease Name Harry Leonard (NCT-E) |
| 9. Well No. 5 |
| 10. Field and Pool, or Wildcat Wildcat |
| 12. County Lea |

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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- <input type="checkbox"/> |
| 2. Name of Operator Gulf Oil Corporation |
| 3. Address of Operator Box 670, Hobbs, New Mexico 88240 |
| 4. Location of Well UNIT LETTER H 2310 FEET FROM THE North LINE AND 330 FEET FROM THE East LINE, SECTION 16 TOWNSHIP 21-S RANGE 37-E NMPM. |
| 15. Elevation (Show whether DF, RT, GR, etc.) 3481' GL |

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

| | |
|--|---|
| NOTICE OF INTENTION TO: | SUBSEQUENT REPORT OF: |
| PERFORM REMEDIAL WORK <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/> | COMMENCE DRILLING OPNS. <input type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/> | CASING TEST AND CEMENT JOB <input type="checkbox"/> |
| OTHER <input type="checkbox"/> | OTHER <input type="checkbox"/> |
| | Re-entered and completed plugged and abandoned well. |

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.

8220' TD. 7375' PB.

Cleaned out with 4-5/8" bit to 6224'. Tested 5-1/2" perforations at 6200' with 1500#, 20 minutes, OK. Cleaned out to new plug back at 7375'. Perforated 5-1/2" casing from 7295-97', 7317-19' and 7331-33' with 4, 3/8" JHPF. Ran packer on 2-7/8" tubing and set packer at 7370'. Tested casing with 2000#, OK. Spotted 500 gallons of 15% NE acid at 7313'. Set packer in compression at 6693' with 19,000#. Pressured casing with 800#. Formation broke with 1800#. Treated with 2000#. AIR 5 bpm. ISIP 1400#, after 5 minutes 1300#. Swabbed and cleaned up. Ran rods and pump and placed well on production.

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

ORIGINAL SIGNED BY
SIGNED C. D. BORLAND TITLE Area Production Manager DATE September 16, 1969
APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT DATE SEP 17 1969
CONDITIONS OF APPROVAL, IF ANY:

| | |
|----------|--|
| RECEIVED | |
| DIVISION | |
| | |
| | |
| OFFICE | |
| OR | |

NEW MEXICO OIL CONSERVATION COMMISSION

SEP 9 2 10 PM '69

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

| |
|--|
| 5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No. 27179 |
| 7. Unit Agreement Name |
| 8. Farm or Lease Name Harry Leonard (NCT-E) |
| 9. Well No. 5 |
| 10. Field and Pool, or Wildcat Wildcat |
| 12. County Lea |

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. <input checked="" type="checkbox"/> OIL WELL 2. <input type="checkbox"/> GAS WELL 3. <input type="checkbox"/> OTHER | 4. Name of Operator Oil Corporation |
| 5. Address of Operator 670, Hobbs, New Mexico 88240 | 6. Location of Well UNIT LETTER H 2310 FEET FROM THE North LINE AND 330 FEET FROM THE East LINE, SECTION 16 TOWNSHIP 21-S RANGE 37-E NMPM. |

| |
|--|
| 15. Elevation (Show whether DF, RT, GR, etc.) 3481' GL |
|--|

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

| | |
|--|---|
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/> | OTHER <input type="checkbox"/> |

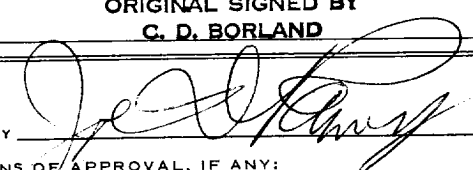
SUBSEQUENT REPORT OF:

| | |
|---|---|
| REMEDIAL WORK <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| COMMENCE DRILLING OPNS. <input type="checkbox"/> | PLUG AND ABANDONMENT <input type="checkbox"/> |
| CASING TEST AND CEMENT JOBS <input checked="" type="checkbox"/> | OTHER <input type="checkbox"/> |

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.

Removed dry hole marker. Abbott Brothers drilled 45' surface plug with rat hole machine. Cleaned out with reverse unit to 2435'. Tested perforations in 8-5/8" casing at 2240' with 1000#, 30 minutes, OK. Cleaned out to top of 5-1/2" casing stub at 5348'. Washed over and milled casing stub from 5348' to 5351'. Circulated and POH. Ran 5-1/2" Bowen casing patch on 2 joints, 58' of 5-1/2" 17# N-80 L&C, 5 joints, 163' of 17# J-55 ST&C, 73 joints, 2359' of 14# J-55 ST&C, 74 joints, 2356' of J-55 ST&C and 12 joints and 1 cut joint, 402' of J-55 15.5# L&C casing. Total of 166 joints and 1 cut joint, 5338'. Latched onto casing stub at 5351' with 28,000# tension. Released tension to 10,000# and tested casing with 1600#, 30 minutes. OK. Landed casing with 8,000# tension on patch. Cleaned out and tested casing at 5418' with 1400#, 30 minutes. OK.

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

| | | |
|---|--------------------------------------|-------------------------------|
| ORIGINAL SIGNED BY SIGNED C. D. BORLAND | TITLE Area Production Manager | DATE September 8, 1969 |
| APPROVED BY  | TITLE Area Production Manager | DATE SEP 9 1969 |
| CONDITIONS OF APPROVAL, IF ANY: | | |

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

AUG 27 4 22 PM '69

| | |
|--|----------------------------------|
| 5A. Indicate Type of Lease | |
| STATE <input checked="" type="checkbox"/> | FEE <input type="checkbox"/> |
| 5. State Oil & Gas Lease No. | |
| 27179 | |
| 7. Unit Agreement Name | |
| 8. Farm or Lease Name | |
| Harry Leonard (NCT-E) | |
| 9. Well No. | |
| 5 | |
| 10. Field and Pool, or Wildcat | |
| Unders. Montoya | |
| 12. County | |
| Lea | |
| 19. Proposed Depth | 19A. Formation |
| 7450' | Montoya |
| 20. Rotary or C.T. | |
| Reverse Unit | |
| 21. Elevations (Show whether DF, RT, etc.) | 21A. Kind & Status Plug. Bond |
| 3481' GL | Blanket |
| 21B. Drilling Contractor | 22. Approx. Date Work will start |
| | September 1, 1969 |

| | |
|--|---|
| 1a. Type of Work | |
| Re-enter P & A well | |
| b. Type of Well | DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> |
| OIL WELL <input checked="" type="checkbox"/> | GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> |
| 2. Name of Operator | |
| Gulf Oil Corporation | |
| 3. Address of Operator | |
| Box 670, Hobbs, New Mexico 88240 | |
| 4. Location of Well | |
| UNIT LETTER | LOCATED |
| H | 2310 |
| FEET FROM THE North LINE | |
| AND 330 | FEET FROM THE East LINE OF SEC. 16 |
| TWP. 21-S RGE. 37-E NMPM | |
| 19. Proposed Depth | |
| 7450' | |
| 19A. Formation | |
| Montoya | |
| 20. Rotary or C.T. | |
| Reverse Unit | |
| 21. Elevations (Show whether DF, RT, etc.) | 21A. Kind & Status Plug. Bond |
| 3481' GL | Blanket |
| 21B. Drilling Contractor | 22. Approx. Date Work will start |
| | September 1, 1969 |

23. PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|---------------------------|----------|
| 17-1/4" | 12-3/4" | 50# | 268' | 325 sacks (Circulated) | |
| 11" | 8-5/8" | 32# | 2799' | 1100 sacks (Circulated) | |
| 7-7/8" | 5-1/2" | 15.5 & 20# | 7999' * | 131 sacks (TOC at 5392'). | |

* 5-1/2" casing set at 7999', cut and recovered from 5342'.

It is proposed to re-enter well as follows: Drill surface plug with rat hole machining. Drill plug at 2200' to 2250' with 7-7/8" bit with reverse unit. Test 8-5/8" perforations at 2240' with 1000#, 30 minutes. Drill plugs at 2750' to 2850' and 5100' to 5200'. Wash over 5-1/2" casing stub at 5342' and dress off top of stub with internal mill. Run Bowen casing patch and 5-1/2" 15.5# J-55 casing. Latch on 5-1/2" casing stub. Test with 1000#, 30 minutes. Run 4-1/2" bit and drill out retainer at 6150' and cement below retainer. Test perforations at 6200' with 1000#, 30 minutes. Drill retainer at 7350' and clean out to 7450'. Test perforations at 7400' with 1000#, 30 minutes. Perforate 5-1/2" casing at approximately 7310' to 7350' with 2, 1/2" JHPF. Acidize new perforations with 500 gallons of 15% NE acid. Swab and test.

APPROVAL AND
FOR 90 DAYS UNLESS
DRILLING COMMENCED

EXPIRES 11-27-69

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed C. D. BORLAND Title Area Production Manager Date August 26, 1969

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT DATE AUG 27 1969

CONDITIONS OF APPROVAL, IF ANY