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NEW MEXICO OIL CONSERVATION COMMISSION

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

JUN 17 11 47 AM '66

1. Indicate Type of Lease

State ☐ Fee ☒

5. State Oil & Gas Lease No.

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 checked="" type="checkbox"/> OTHER-	7. Unit Agreement Name
2. Name of Operator Shell Oil Company (Western Division)	8. Farm or Lease Name Long
3. Address of Operator P. O. Box 1509, Midland, Texas 79701	9. Well No. 5
4. Location of Well UNIT LETTER <u>N</u> , <u>919</u> FEET FROM THE <u>South</u> LINE AND <u>1721</u> FEET FROM THE <u>west</u> LINE, SECTION <u>11</u> TOWNSHIP <u>22S</u> RANGE <u>37E</u> NMPM.	10. Field and Pool, or Wildcat Blinebry (Gas)/Tubb (Gas)
15. Elevation (Show whether DF, RT, GR, etc.) 3361' DF	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 ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☒

COMMENCE DRILLING OPS. ☐

CASING TEST AND CEMENT JOB ☐

OTHER ☐

ALTERING CASING ☐

PLUG AND ABANDONMENT ☐

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.

June 6, 1966 thru June 14, 1966

Checked for communication between zones.

1. Pulled tubing and packer.

2. Set RBP at 5350'. Ran McCullough casing inspection log 5340' - 2900'. Log indicated hole in casing at 3632'. Casing pitted 3620' - 3660'.

3. Ran Baker FERC on 2" tubing to 3701'. Tested casing below packer to 3000 psi, held OK. Raised packer to 3662', tested casing above and below packer, would not hold. Raised packer to 3604', would not hold. Raised packer to 3546', would not hold. Raised packer to 3487', pressured to 3000 psi above packer for 30 minutes, no pressure drop. Lowered packer to 3516'. Tested above packer, held OK. Indication of 2 casing leaks at intervals 3516' and 3701'. Pulled tubing and packer. Dumped 2 sx. 8-12 Frac Sand on top of BP.

4. Ran drill squeeze cement retainer on 2" tubing and set at 3464'. Displaced oil w/FW. Pumped 12 BW containing 100# Halliburton MF-1 and 5 gallons Morilo-2 ahead of 225 sx. regular cement. After pumping 150 sx. cement, closed valve on bradenhead and pressured to 1000 psi. Cracked valve on bradenhead and maintained 1000 psi while pumping remaining 75 sx. cement. Pumped down wiper plug and pressured to 2000 psi. Reversed out and pulled tubing.

5. Ran 4 3/4" bit on 2" tubing and drilled cement retainer. Lowered bit to 3900', found stringers of cement between retainer and 3900'. Pumped into formation at rate of 1 1/2 BPM at 2800 psi. No communication to bradenhead. (Continued on back of page)

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

SIGNED J. R. Gollnick

TITLE Division Exploitation Engineer

DATE June 16, 1966

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

6. Ran Baker FRC on 2" tubing to 3671'. Pressured below packer to 3000 psi for 30 minutes, held OK. Raised packer to 3612' and pumped into formation below packer at 2 1/2 BPM at 2700 psi. Pressured above packer to 2000 psi, held OK. Raised packer to 3234'. Mixed and pumped 75 sk. regular neat cement and squeezed to 3500 psi w/60 sk. cement in formation. Reversed out. Reset packer and pressured to 1000 psi. Pulled tubing and packer. Ran 4 3/4" bit on 2" tubing and drilled firm cement 3430' to 3675' and broke through. Lowered tubing and bit to 4700' and hit lower part of drill squeeze packer. Drilled on packer rubber 3 hours and started shoving down hole. Rotated each joint down to 5000'. Ran bit to bottom. Tested casing to 2000 psi, held OK. Pulled tubing and bit. Ran Baker retrievable tool and washed sand off BP. Pulled tubing and BP.
9. Ran Baker Model D production packer on wireline and set at 5700'.
10. Ran 193 lbs. (5696') 2 3/8" EUE, 8rd thd, J-55 tubing, 1-6" & 1-8" sub below top joint w/Baker 1.78" ID SN at 5702'; locator type tubing seal assembly 5699' - 5702'; Model L sliding sleeve valve 5696' - 5699'. Hydrotested tubing to 4000 psi.
11. Made six swap runs and well kicked off.
12. Will conduct packer leakage test beginning at 8:00 AM, June 20, 1966.