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FILE

U.S.G.S.

LAND OFFICE

OPERATOR

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 ☐ Fee ☒

5. State Oil & Gas Lease No.

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

1. OIL WELL ☒ GAS WELL ☐ OTHER-

2. Name of Operator:
Mobil Oil Corporation

3. Address of Operator:
Box 633, Midland, Texas 79701

4. Location of Well:
L 589.3 West 2050.7
South 22 Township 21S Range 37E NMPM.

7. Unit Agreement Name

8. Firm or Lessee Name
E.O. Carson

9. Well No.
21

10. Fluid and Seal, or Wellfoot
Fractured

12. County
Lea

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

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ COMPLETION WORK ☐ REPAIRING CULVERT ☐

REPAIR OR ALTER CASING ☐ CHANGE PLANS ☐ COMMENCE DRILLING OPER. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOBS ☐

OTHER

19. 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.

See attached Appendix B for well records

RECEIVED

NOV 6 1972
OIL CONSERVATION COMMISSION
SANTA FE, N.M.

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

SIGNED *Christine C. Tucker* TITLE *Executive Secretary* DATE *11-1-72*

Orig. Signed by
John R. Ryan
General

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

DAILY DRILLING REPORT

E. O. CARSON #21

E. O. CARSON #21, Paddock Fld, Lea Co, NM. OBJECTIVE: P & A the Hare Simpson and recomplete in the Paddock formation.

AFE 2058 - Mobil Intr 100% - Est Cost \$12,500.

7/12/72 7852 TD.

MIRU Eunice Well Serv DD unit, POH w/ 67 jts 2-3/8 tbg, 5 GLV's and pkr, Schl set Baker CIBP @ 5452, ran PDC log 4900-5446, and capped BP w/ 20' cmt, New PBTD 5432, test 5 1/2 csq to 2500#/ok, ran 2-3/8 tbg OE to 5328, SD for nite, prep to perf.

E. O. CARSON #21. 7852 TD, 5432 PBTD.

7/13 Runco spotted 350 gals 15% NE acid on bottom, POH w/ tbg, Schl perf Paddock zone 5155-85; 5285-5295 w/ 1 SPR, 40 noles, ran Baker Model R pkr on 2-7/8 tbg to 5090, Runco acidized Paddock perfs w/ 2500 gals 15% NE acid and 60 RCNB, TTP 2450-3100, AIR 4.2 BPM, ISI 1000, 5 min 750, job compl 10:45 a.m. 7/12/72. POH w/ tbg & pkr, prep to frac. - 233 BLW

E. O. CARSON #21, 7852 TD, 5432 PBTD.

7/14 Runco aduotr frac Paddock perfs 5155-5295 on down dr log w/ 25,000 gals 9.0#/gal gelled brctr and 60,000# 20/40 silica sand, 100' PDC log, fluid contained 100 galr gum, 100 galr emite Aqua and 2 gals Suretran-60/1000 gals, TCP 1100-2500, AIR 4.8 BPM, 1000, 5 min 600, 15 min 550, job compl 10:30 a.m. 7/13/72, attempt to screen out w/ last 6000# sand @ 100#/gal concentration, reduced rate to 3 BPM to 1-1/2 BPM, did not screen out, checked fillup @ 5430, ran Guib KVL-30 to 5115, would not set, POH, ran Guib KV-30 on 2-3/8 tbg, set w/ 20 stands in, POH, left 2 slips in hole, SD for nite. - 982 BLW.

E. O. CARSON #21, 7852 TD, 5432 PBTD

7/15 SI 12 hrs, TP 100#, sw 10 BNO + 208 BLW/ 11 hrs, last hr sw 10 BNO, no oil, 3700' FIH. -805 BLW.

7/17 SI 13 hrs, TP 100#, sw 10 BNO + 208 BLW/ 11 hrs, last hr sw 10 BNO, no oil, 3700' FIH. -595 BLW.

E. O. CARSON #21, 7852 TD, 5432 PBTD

7/18 SI 26 hrs, TP 100#, sw 10 BNO + 230 BLW/ 12 1/2 hrs. L hr sw 18 bbls fluid, S/O 4% oil, 3700' FIH, sl on gas. -365 BLW.

E. O. CARSON #21, 7852 TD, 5432 PBTD

7/19 SI 11 hrs, TP 100#, sw 10 BNO + 230 BLW/ 12 1/2 hrs. L hr sw 18 bbls fluid, S/O 4% oil, 3600' FIH, prep to POP. -160 BLW.

E. O. CARSON #21, 7852 TD, 5432 PBTD

7/20 POH w/ tbg & pkr, ran 164 jts 2-3/8" tbg w/ MA @ 5108, T perfs @ 5075-78, SN 5074, 2 jts 2-3/8" tbg, Baker TAC @ 5009, set w/ 20,000# T, ran pump on 141 3/4" rods, 62 7/8" rods, clamped off, rel unit & rel to prod @ 6:30 p.m. 7-19-72.

E. O. CARSON #21, 7852 TD, 5432 PBTD
7/21 Setting PU. -160 BLW.

E. O. CARSON #21, 7852 TD, 5432 PBTD
7/24 Compl setting PU, connected flowline & sep. P 0 BNO +
117 BLW/ 20 hrs. -43 BLW.

E. O. CARSON #21, 7852 TD, 5432 PBTD
7/25 P 0 BNO + 43 BLW + 13 BSW/ 24 hrs.

E. O. CARSON #21, 7852 TD, 5432 PBTD
7/26 P 0 BNO + 157 BSW/ 24 hrs.

E. O. CARSON #21, 7852 TD, 5432 PBTD
7/27 P 0 BNO + 158 BSW/ 24 hrs.

E. O. CARSON #21, 7852 TD, 5432 PBTD
7/28 P 0 BNO + 228 BSW/ 24 hrs.

E. O. CARSON #21, 7852 TD, 5432 PBTD.
7/31 P 5 BNO + 825 BSW/72 hrs.

E. O. CARSON #21, 7852 TD, 5432 PBTD.
8/1 P 0 BNO + 228 BSW/ 24 hrs.

E. O. CARSON #21, 7852 TD, 5432 PBTD.
8/2 P 0 BNO + 276 BSW/24 hrs.

E. O. CARSON #21, 7852 TD, 5432 PBTD.
8/3 P 2 BNO + 267 BSW/24 hrs.

E. O. CARSON #21, 7852 TD, 5432 PBTD.
8/4 P 0 BNO + 280 BSW/24 hrs.

E. O. CARSON #21, 7852 TD, 5432 PBTD.
8/7 P 2 BNO + 276 BSW/24 hrs.

E. O. CARSON #21, 7852 TD, 5432 PBTD.
8/8 P 0 BNO + 281 BSW/ 24 hrs.

E. O. CARSON #21, 7852 TD, 5432 PBTD.

E. O. CARSON #21, 7852 TD, 5432 PBTD.
8/10 P 0 BO + 268 BSW/24 hrs. SI for stop.

E. O. CARSON #21, 7852 TD, 5432 PBTD.

E. O. CARSON #21, 7852 TD, 5432 PBTD.
8/17 (Last rpt'd 8/14/72).
Miro Danice well serv unit, run w/ rods & pump, kill well w/
95 BSW, inst'l BOP, POH w/ 2-3/8 tbq, Western Co set Baker
CIBP @ 5230 capped w/ 3x sd, PB 5220, ran 2-3/8 tbq, OP to
5108, T. Perfs 5075-78, SN @ 5074, 2 jts of tbq, Baker AC set
@ 5009 w/ 20,000# T, 164 jts 2-3/8 tbq, remove BOP, inst'l
wellhead, SI & SD for n. o. 5075-78.

- E. O. CARSON #21, 7852 TD, 5432 PBTD.
- 2/13 Ran pump & rods to SN @ 5074, hung on pump, RD, Rel unit & Rel well to Prod @ 9:30 a.m. 8/17/72. - 95 BLW.
- 8/13 POP. - 95 BLW.
- E. O. CARSON #21, 7852 TD, 5432 PBTD.
- 8/21 P 0 BO + 95 BLW + 652 BSW/3 days. All LW Rec.
- E. O. CARSON #21, 7852 TD, 5432 PBTD.
- 8/22 P 0 BO + 274 BSW/24 hrs, prep to sqz.
- E. O. CARSON #21, 7852 TD, 5432 PBTD.
- 8/23 P 0 BO + 263 BSW/24 hrs.
- 8/23 Prep to MI unit to sqz.
- E. O. CARSON #21, 7852 TD, 5432 PBTD.
- 8/24 P 0 BO + 273 BSW/24 hrs.
- 8/24 MIRU DA&S Well Serv unit, POH w/ rods & pump, inst'l BOP, POH w/ 2-3/8" tbg, ran 4-3/4 bit, 5 1/2 csq scraper on 6 - 3 1/2" OD DC's & 2-3/8" tbg to 4500, SD for nite. Class C Neat cmt, TP 3000, would not hold, overdisplaced w/ 10 bbls wtr. job compl @ 5:30 p.m. 8/23/72. ST & SD.
- E. O. CARSON #21, 7852 TD, 5432 PBTD.
- 8/25 Howco PT perfs 5155-85 2.0 BPM @ 2800#. then sqz'd w/ 200x Class C Neat cmt, TP 3000, rev out 12x, job compl @ 9:15 a.m. 8/24/72, POH w/ tbg, ran 4-3/4 bit, 5 1/2 csq scraper on 6 - 3 1/2" OD DC's & 2-3/8" tbg to 4500, SD for nite.
- E. O. CARSON #21, 7852 TD, 5432 PBTD.
- 8-26 Drill cement 4980-92', drilled retainer @ 4982' & cement to 5186', circulate hole clean test casing to 1500# ok. drilled
- 8-27 POH w/tbg DC & bit, ran new bit, drilled CIBP @ 5285 & C/O frac sand to 5432 in 5 hrs. Circulate hole clean. Pull 5 jts.
- 8-28 Finish POH w/tbg. LD DC's & bit, ran 2-3/8" tbg OP to 5261 T. perfs. 5228-31 SN @ 5227' 7 jts. tbg. Baker tbg anchor set @ 5227' w/ 20, 30# tension 170 jts 2-3/8" tbg, ran pump & rods hung well on pump, ran down, rel unit & rel well to prod. @ 3:30 PM 8-27-72.
- 8-29 P zero BO + 107 BLW/17 hrs. - 18 BLW
- E. O. CARSON #21, 7852 TD, 5432 PBTD.
- 8/30 P 0 BO + 18 BLW + 35 BSW/24 hrs. All BLW Rec.
- E. O. CARSON #21, 7852 TD, 5432 PBTD.
- 8/31 P 2 BNO + 37 BSW/24 hrs.

9/1 E. O. CARSON #21, 7852 TD, 5432 PBTD.
P 3 BNO + 31 BSW/24 hrs.

9/5 E. O. CARSON #21, 7852 TD, 5432 PBTD
P 4 BNO + 96 BSW/ 4 days.

9/6 E. O. CARSON #21, 7852 TD, 5432 PBTD
P 1 BNO + 39 BSW/ 24 hrs.

9/7 E. O. CARSON #21, 7852 TD, 5432 PBTD
P 0 BNO + 25 BSW/ 24 hrs.

9/8 E. O. CARSON #21, 7852 TD, 5432 PBTD
P 1 BNO + 24 BSW/ 24 hrs

9/11 E. O. CARSON #21, 7852 TD, 5432 PBTD
P 8 BNO + 62 BSW/ 3 days.

9/12 E. O. CARSON #21, 7852 TD, 5432 PBTD
P 1 BNO + 10 BSW/ 24 hrs.

9/13 E. O. CARSON #21, 7852 TD, 5432 PBTD
P 5 BNO + 10 BSW/ 24 hrs.

9/14 E. O. CARSON #21, 7852 TD, 5432 PBTD
P 9 BNO + 13 BSW/ 24 hrs.

9/15 E. O. CARSON #21, 7852 TD, 5432 PBTD
P 9 BNO + 10 BSW/ 24 hrs.

9/18 E. O. CARSON #21, 7852 TD, 5432 PBTD
P 27 BNO + 31 BSW/ 24 hrs.

9/19 E. O. CARSON #21, 7852 TD, 5432 PBTD
P 1 BNO + 6 BSW/ 24 hrs.

9/20 E. O. CARSON #21, 7852 TD, 5432 PBTD.
P 10 BNO + 9 BSW/24 hrs.

9/21 E. O. CARSON #21, 7852 TD, 5432 PBTD.
P 9 BNO + 9 BSW/24 hrs.

9/22 E. O. CARSON #21, 7852 TD, 5432 PBTD.
P 1 BNO + 9 BSW/24 hrs.

9/25/72 E. O. CARSON #21, 7852 TD, 5432 PBTD
P 31 BNO + 20 BSW/ 3 days.
Take well off rat. until stim.

E. O. CARSON #21, 7852 TD, 5432 PBTD.

10/8/72 (Last rpt'd 9/25/72).

MIRU Eunice Well Serv unit, POH w/ rods & pump, inst'l BOP, POH w/ 2-3/8 tbq, TA, SN, T.Perfs & MA, ran Guib pkr on 173 jts 3½ tbq, set pkr @ 5240, SD for nite.

10/9 Runco acidized perfs 5285-95 w/ 1000 gals 15% NE acid, used 15 RCNBS, TTP 2200-3000, AIR 6.2 BPM, ISIP 1800, zero 7 min, job compl 12:00 noon 10/8/72, S 64 BLW/3 hrs, SD for nite, prep to SWF. - 38 BLW.

E. O. CARSON #21, 7852 TD, 5432 PBTD.

10/10 S 38 BLW + 39 BSW/3½ hrs, Western Co SWF perfs 5285-5295 down 3½ tbq w/ 10,000 gals 9.0# gelled SW + 25,000# 20/40 Ottawa sd, frac fluid contained 20# guar gum + 25# Adomite Aqua + 2 gals Surfatron 61/1000 gals, TTP 5500, AIR 36.0 BPM, ISIP 2000, 10 min 1000, 1½ hrs on vac, S 161 BLW/6 hrs, 3100' FIH, gd sh of gas w/ sw, SD for nite. - 219 BLW.

E. O. CARSON #21, 7852 TD, 5432 PBTD.

10/11 SI 11 hrs, 11 100, 5100 oil press, S 120 BLW + 1 BSW/hrs, ran pkr, ran pkr to 5345, P & LD 3½ tbq & pkr, kill well w/ 75 BLW

E. O. CARSON #21, 7852 TD, 5432 PBTD.

10/12 Ran 2-3/8 tbq 5261, T. Perfs 5223 31, SN @ 5227, Baker TA set @ 5197, remove BOP, inst'l wellhead, ran pump and rods to 5227, spaced out, hung on pump, RD, Rel unit and Rel well to Prod @ 12:00 noon 10/11/72. - 168 BLW.

E. O. CARSON #21, 7852 TD, 5432 PBTD.

10/13 P 2 BNO + 168 BLW + 7 BSW/18 hrs.

All LW Rec.

E. O. CARSON #21, 7852 TD, 5432 PBTD.

E. O. CARSON #21, 7852 TD, 5432 PBTD.

10/18 P 2 BNO + 119 BSW/24 hrs.

E. O. CARSON #21, 7852 TD, 5432 PBTD.

10/19 P 2 BNO + 112 BSW/24 hrs.

10/20 Pulled and changed pump, P 8 BNO + 70 BSW/16 hrs.

E. O. CARSON #21, 7852 TD, 5432 PBTD.

10/22 P 25 BNO + 222 BSW/72 hrs, 250 MCFPD.

E. O. CARSON #21, 7852 TD, 5432 PBTD.

10/24 P 6 BNO + 66 BSW/24 hrs, 265 MCFPD.

E. O. CARSON #21, 7852 TD, 5432 PBTD.

10/25 P 6 BNO + 66 BSW/24 hrs, 273 MCFPD.

E. O. CARSON #21, 7852 TD, 5432 PBTD.
10/26 P 16 BNO + 71 BSW/24 hrs, 252 MCFPD.

E. O. CARSON #21, 7852 TD, 5432 PBTD.
10/27/72 NM OCC POT: P 23 BNO + 60 BSW/24 hrs, 14½ - 34" SPM w/ 1½"
POTENTIAL pump, 265 MCFGPD, GOR 11,527/1, Allow 19 BOPD, TFA 107 BOPD,
Cap 23 BOPD, Compl 10/9/72.
FINAL REPORT.