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NEW MEXICO OIL CONSERVATION COMMISSION

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

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL UP TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. (SEE APPLICATION FOR PERMIT TO DRILL FORM C-101) FOR SUCH PROPOSALS.)		5a. Indicate Type of Lease State ☐ Fee ☒ 5. State Oil & Gas Lease No.
6. Name of Operator <i>Mobil Oil Corporation</i> 7. Address of Operator <i>Box 633, Oakland, Cal 94701</i> 8. Location of Well UNIT LETTER <i>D</i> <i>660</i> FEET FROM THE <i>South</i> LINE AND <i>1980</i> FEET FROM <i>Padlock</i> THE <i>East</i> LINE, SECTION <i>11</i> TOWNSHIP <i>22 S</i> RANGE <i>37 E</i> N.M.P.M.		7. Unit Agreement Name 8. Former Lease Name <i>D. to Lange</i> 9. Well No. <i>3</i> 10. Field and Pool, or Wildcat <i>Padlock</i>
11. Elevation (Show whether DF, RT, GR, etc.) <i>3355 CR</i>		12. Casing <i>2 in</i>

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐ TEMPORARILY ABANDON ☐ PULL OR ALTER CASING ☐ OTHER ☐	PLUG AND ABANDON ☐ CHANGE PLANS ☐	REMEDIAL WORK ☐ COMMENCE DRILLING OPNS. ☐ CASING TEST AND CEMENT JOBS ☐ OTHER <i>Drilled deeper in same zone and stimulate</i> ☒	ALTERING CASING ☐ PLUG AND ABANDONMENT ☐
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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.

*Drilled Deeper in Padlock zone and stimulate
as per attached workover procedure*

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

SIGNED <i>Christina O. Tucker</i>	TITLE <i>Production Clerk</i>	DATE <i>10-17-72</i>
APPROVED BY <i>[Signature]</i>	TITLE <i>SUPERVISOR DISTRICT I</i>	DATE <i>OCT 19 1972</i>

DAILY DRILLING REPORT

S. E. LONG #3

S. E. LONG #3, Paddock Fld, Lea Co, NM. OBJECTIVE: Drill deeper & stimulate. AFE 2740 - Mobil Intr 84.375% - Est Cost to Mobil \$14,500.

8/22/72 5150 TD, 7" csg, Paddock (5010-5120).

MIRU Eunice Well Serv unit, inst'l BOP, ran 6 1/2" bit on 6 - 4 1/2" DC's & 2-3/8" tbg, tag fillup @ 5015, RU M&B rev unit, SD for nite.

S. E. LONG #3

8/23 5206 drlg 1m, 6 1/2" hole w/ br wtr, CO scale & fillup from 5015-5150, drill new hole to 5206/9 hrs, SD for nite.

S. E. LONG #3

8/24 5220 TD 1m, 6 1/2" hole, circ clean, POH, LD DC's, ran 7" RTTS pkr on 2-3/8" tbg to 4946, SD for nite.

S. E. LONG #3, 5220 TD.

8/25 Set pkr @ 4953, test csg above pkr w/ 2500#/ok, reset pkr @ 5135, Runco attempted to acidize OH 5150-5220, communicated to csg annulus, reset pkr @ 5143, still communicated, set pkr @ 4953, Runco acidized Paddock perms 5010-5120 & OH zone 5150-5220 w/ 4000 gals 15% NE acid, TTP 1800-3000, AIR 4.9 BPM, ISIP 1100, 10 min 850, job compl 3:15 p.m. 8/24/72, S 57 BLW & no oil/2 1/2 hrs, 3200' FIH, fr sh of gas, SD for nite. - 97 BLW.

S. E. LONG #3, 5220 TD.

8-26 SI 13 hrs TP 600# bled off pressure then swab 23 BNO + 76 BLW 12 hrs. 1 hr swab 5 bbls S/O 20% oil

8-28 SI 13 hrs. TP 600# 2000' FIH swab 2 BNO + 12 BLW in 2 hrs. 500' FIH POH w/tbg & pkr. Runco SWF paddock perf 5010-5120 & OH zone 5150-5220 down 7" casing w/60,000 gals 9.0# gelled SW + 90,000# 20/40 Attawa sand in 10 stages using 2700# Benzoic acid in 9 stages frac fluid contained 20# guar gum + 25# Adomite aqua + 2 gals Surlatron #61 per/1000 gals TCP 1600-2100# AIR 49.1 BPM, ISIP 1400# 15 min 1250# attempted to screen out w/last 6000# sand, increased concentration to 8# per gal pumping @ 3 Bbls per min w/no success SI & SD for nite & Sunday.

S. E. LONG #3, 5220 TD.

8-29 SI 36 hrs CP vacuum ran SP, tag sand @ 5170', CO frac sand to 5185' & stopped. POH ran 6 1/2" bit to 5154', rig up reverse unit CO sand to 5169'. SD for nite.

S. E. LONG #3, 5220 TD.

8/30 CO from 5169-5220 TD/1 1/2 hrs, circ hole clean, POH w/ tbg & bit, ran RTTS pkr on 2-3/8" tbg set @ 4953, S 60 BLW/3 hrs, then F 131 BLW/3 hrs on 32/64 ck, TP 0-300, SI & SD. - 2900 BLW.

S. E. LONG #3, 5220 TD.

8/31 SI 13 hrs, TP 1650, F 9 BNO + 256 BLW/10 hrs on 32/64 ck, TP 300, 1 hr F 10 Bbls. S/O 20% oil, SD for nite. - 2047 BLW.

- S. E. LONG #3, 5220 TD.
- 9/1 SI 14 hrs, TP 1500, F 2 BO + 45 BLW/4 hrs, 18/64 ck, TP 600, Rel unit @ 11:00 a.m. 8/31/72. Well still has RTTS & BOP on well.
- S. E. LONG #3, 5220 TD
- 9/2 F 4 BNO + 137 BLW/ 24 hrs, 22/64" ck, TP 400. -2460 BLW
- 9/3 F 15 BNO + 87 BLW/ 20 hrs, 22/64" ck, TP 400. -2373 BLW.
- 9/4 F 4 BNO + 166 BLW/ 24 hrs, 25/64" ck, TP 460. -2207 BLW.
- 9/5 F 3 BNO + 136 BLW/ 24 hrs, 25/64" ck, TP 510, -2071 BLW. GV 552 MCF/D.
- S. E. LONG #3, 5220 TD
- 9/6 F 6 BNO + 137 BLW/ 24 hrs, 25/64" ck, TP 480. -1934 BLW.
- S. E. LONG #3, 5220 TD
- 9/7 F 15 BNO + 142 BLW/ 24 hrs, 25/64" ck, TP 460, GV 611 MCF/D. -1892 BLW.
- S. E. LONG #3, 5220 TD
- 9/8 F 4 BNO + 137 BLW/ 24 hrs, 25/64" ck, TP 320, 600 MCF/D gas. -1755 BLW.
- S. E. LONG #3, 5220 TD
- 9/11 F 9 BNO + 353 BLW/ 3 days, 25/64" ck, TP 400, GV 600 MCF/D. -1402 BLW.
- S. E. LONG #3, 5220 TD
- 9/12 F 20 BNO + 109 BLW/ 24 hrs, 28/64" ck, TP 320, GV 580. -1293 BLW.
- S. E. LONG #3, 5220 TD
- 9/13 F 13 BNO + 111 BLW/ 24 hrs, 28/64" ck, TP 320, GV 600 MCF/D. -1182 BLW.
- S. E. LONG #3, 5220 TD
- 9/14 F1 18 BNO + 110 BLW/ 24 hrs, 28/64" ck, TP 300, GV 540 MCF/D. -1072 BLW.
- S. E. LONG #3, 5220 TD
- 9/15 F1 20 BNO + 96 BLW/ 24 hrs, 28/64" ck, TP 290, GV 500 MCF/D. -976 BLW.
- S. E. LONG #3, 5220 TD.
- 9/16 F 14 BNO + 73 BLW/24 hrs, 28/64 ck, TP 280, GV 520 MCF/D. - 902 BLW.
- 9/17 F 14 BNO + 81 BLW/24 hrs, 28/64 ck, TP 280, GV 520 MCF/D. - 820 BLW.
- 9/18 F 22 BNO + 110 BLW/24 hrs, 32/64" ck, TP 150, MCF/D 570. - 712 BLW.

S. E. LONG #3, 5220 TD
 9/19 F 12 BNO + 97 BLW/ 24 hrs, 1/2" ck, 150# TP, GV 575 MCF/D. -615 BLW.

S. E. LONG #3, 5220 TD.
 9/20 F 18 BNO + 73 BLW/24 hrs, 32/64 ck, 150# TP, 560 MCFPDG. - 542 BLW

S. E. LONG #3, 5220 TD.
 9/21 F 23 BNO + 73 BLW/24 hrs, 32/64 ck, 140# TP, 565 MCFPDG. - 469 BLW

S. E. LONG #3, 5220 TD.
 9/22 F 19 BNO + 82 BLW/24 hrs, 1/2 ck, 140# TP, 560 MCFPDG. - 387 BLW.

S. E. LONG #3, 5220 TD
 9/25 F1 46 BNO + 248 BLW/ 3 days, 1/2" ck, TP 150, GV 510 MCF/D. -139 BLW.

S. E. LONG #3, 5220 TD
 9/26 F1 13 BNO + 52 BLW/ 24 hrs, 32/64" ck, TP 110#, 506 MCF/D. -87 BLW.

S. E. LONG #3, 5220 TD
 9/27 No rpt.

S. E. LONG #3, 5220 TD
 9/28 F1 26 BNO + 87 BLW + 31 BFW/ 48 hrs, 32/64 ck, TP 120.
 All load wtr rec.

S. E. LONG #3, 5220 TD
 9/29 F1 11 BNO + 74 BFW/ 24 hrs, 32/64 ck, TP 125, GV 468.

S. E. LONG #3, 5220 TD
 10/2 F1 34 BNO + 192 BSW/ 3 days, 32/64 ck, TP 120, GV 490 MCF/D.

S. E. LONG #3, 5220 TD
 10/3 F1 14 BNO + 59 BSW/ 24 hrs, 1/2 ck, TP 120, GV 491 MCF/D.

S. E. LONG #3, 5220 TD
 10/4 F1 13 BNO + 43 BSW/ 24 hrs, 32/64" ck, TP 110, 467 MCFPDG.

S. E. LONG #3, 5220 TD
 10/5 F1 11 BNO + 79 BSW/ 24 hrs, 3/4 ck, TP 50, 484 MCFPDG.

S. E. LONG #3, 5220 TD
 10/6 F1 11 BNO + 89 BSW/ 24 hrs, 3/4 ck, TP 30, GV 427 MCF/D.

S. E. LONG #3, 5220 TD.
 10/9 F 34 BNO + 215 BSW/3 days, 3/4 ck, TP 30, GV 418 MCF/D.

S. E. LONG #3, 5220 TD.
 10/10 F 14 BNO + 68 BSW/24 hrs, 3/4 ck, TP 30, GV 379 MCFPD.

S. E. LONG #3, 5220 TD.
 10/11 F 13 BNO + 43 BSW/24 hrs, 3/4 ck, TP 30, GV 285 MCFPD.

10/11 MIRU DASS Well Serv unit, kill well w/ 20 bbls TSW, POH w/ 2-3/8 tbq & RTTS pkr, pumped additional 60 bbls wtr while pulling tbq ran Guib 7" KV 30 pkr on 157 jts 2-3/8 FUE 2nd tbq, remove BOP, inst'l wellhead, SD for nite.

S. E. LONG #3, 5220 TD.

10/11 Following info should be on 10/11 drlg sec: set bkr @ 4964.

10/12 SI 13 hrs, TP 875, open well on 26/64 ck, fl gas 3 hrs, TP 725.
RD, Rel unit & Rel well to Prod @ 10:30 a.m. 10/11/72. - 80 BLW.

10/12 SI - connect flowline.

S. E. LONG #3, 5220 TD.

10/13 Connect well, prep to test. - 80 BLW.

S. E. LONG #3, 5220 TD.

10/16/72 NM OCC POT: F 13 BNO + 68 BSW/24 hrs, 3/4 ck, TP 40,
POTENTIAL GOR 29154/1, Grav 36.8 @ 60, Allow 7 BOPD NP (limited by GOR),
Top 137, Cap 13, Compl 8/28/72.
FINAL REPORT.