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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 ☐ 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 ☒ GAS WELL ☐ OTHER ☐	7. Unit Agreement Name
2. Name of Operator <i>Mobil Oil Corporation</i>	8. Farm or Lease Name <i>SE Long</i>
3. Address of Operator <i>Box 633, Midland, Texas</i>	9. Well No. <i>3</i>
4. Location of Well UNIT LETTER <i>0</i> <i>660</i> FEET FROM THE <i>South</i> LINE AND <i>1920</i> FEET FROM THE <i>East</i> LINE, SECTION <i>11</i> TOWNSHIP <i>22-S</i> RANGE <i>37-E</i> N.M.P.M.	10. Field and Pool, or Wildcat <i>Paddock</i>
15. Elevation (Show whether DF, RT, GR, etc.) <i>3355' GR</i>	12. County <i>Lea</i>

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 ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER <i>Drill Deeper in SAME ZONE AND STIMULATE</i> ☒	CASING TEST AND CEMENT JOB ☐	OTHER ☐

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.

*Drill Deeper From 5140' P.B.T.D. To 5215' (25' O.A.)
in Paddock Zone and Stimulate as Per attached
Workover Procedure.*

RECEIVED

AUG 21 1972

OIL CONSERVATION COMM.
HOBBS, N. M.

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

SIGNED *[Signature]* TITLE *Authorized Agent* DATE *8-18-72*

APPROVED BY *Joe D. Ramey* TITLE *Dist. I, Supv.* DATE *AUG 21 1972*

CONDITIONS OF APPROVAL, IF ANY:

MIDLAND E & P DIVISION

WELL WORK RECOMMENDATIONS

Proposals for Well Reconditioning and Subsurface Maintenance
Workovers, Expense DD's, PB's, and Conversions

Lease: S. E. Long Well No. 3
Field: Paddock
County: Lea State: New Mexico

RECOMMENDED PROCEDURE:

1. Move in a pulling unit and pull the producing equipment.
2. Drill deeper from 5140' PBTD to 5215' (75' OA).
3. Run a treating packer and holddown. Set the packer at approximately 5135' and breakdown the Paddock Open Hole (5150'-5215'-65' OA) with 2000 gals of 15% non-emulsion, HCl acid. Treat at 3 to 5 Bbls/min.
4. Clean out, swab, and test Paddock Open Hole zone as required.
5. Using a retrievable Bridge Plug, treating packer, and holddown, isolate the Paddock Perforations (5010'-5120'-110' OA - 360 holes) and acidize with 2000 gals of 15% non-emulsion, HCl acid. Treat at 3 to 5 Bbls/min.
6. Clean out, swab, and test the Paddock Perforations as required.

MIDLAND E & P DIVISION

WELL WORK RECOMMENDATIONS

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Lease: S.E. Long Well No. 3
Field: Paddock
County: Lea State: New Mexico

RECOMMENDED PROCEDURE:

7. Fracture the Paddock Formation (5010'-5215'-205' O.A.) down the 7" production casing with 60,000 gals of 9.0 lb/gal salt water and 90,000 lbs of 20-40 mesh Ottawa Sand. All water should contain the following additives.

20 lbs/1000 gal of Guar Gum

25 lbs/1000 gal of Flocrite Aqua

2 gals/1000 gal of Surfactive 101

Adjust the pH of the water to between 5 and 7.

Treat at 50 Bbls/min and inject 300 lbs of Benzoic Acid after each 6,000 gals of water (2700 lbs total Benzoic Acid). Estimated treating pressure is 1100 psi at 50 Bbls/min.

While injecting the last 10 percent of the propping agent (6000 lbs), obtain a controlled screen-out by simultaneously reducing the injection rate and increasing the propping agent concentration. The injection rate should be reduced gradually from the recommended treating rate of 50 Bbls/min to between 3 and 5 Bbls/min, and the propping agent concentration should be increased gradually from the recommended

MIDLAND E & P DIVISION

WELL WORK RECOMMENDATIONS

Proposals for Well Reconditioning and Subsurface Maintenance
Workovers, Expense DD's, PB's, and Conversions

Lease: S. E. Long Well No. 2
Field: Paddock
County: Lea State: New Mexico

RECOMMENDED PROCEDURE:

treating concentration of 1.5 lb./gal. to between
6 and 8 lb./gal.

After the controlled screen-out has been obtained,
the well should be shut in immediately. No additional
pressure should be applied to the well, and no
additional fracturing fluid should be pumped
through the propping agent pack.

8. Shut the well in until the pressure bleeds off or for
a maximum of 24 hours.

9. Clean out, swab, and test the well as required.

10. Return the well to production.

1. GRAMMATIC Well 11-11H
 S. F. LONG Well No. 3
 PADDOCK FIELD
 LEA COUNTY, NEW MEXICO

G.L. Elev. -
 D.F. Elev. - 3355'

13 3/8" - 48" / FL. H-40 SET W/ 250 SX L.

310'

9 5/8" - 36" / FL. S-80 SET W/ 100 SX L.

2803'

2" TUBING DEPTH NA 2

7" - 20" / FL. J-55 SET W/ 500 SX L.

burst press = 3740 psi

PADDOCK PERFORATIONS

5010' - 5035' - 25' - 100 HOLES

5045' - 5060' - 15' - 60 HOLES

5070' - 5120' - 50' - 200 HOLES

5,140' P3TD

5,150' TD

2-11-72.

16W