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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.
7. Unit Agreement Name
8. Farm or Lease Name <i>E.O. Carson</i>
9. Well No. <i>15</i>
10. Field and Pool, or Wildcat <i>Paddock</i>
12. County <i>Lea</i>

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 ☐

2. Name of Operator
Mobil Oil Corporation

3. Address of Operator
Box 633, Midland, Texas

4. Location of Well
UNIT LETTER *C* *731* FEET FROM THE *North* LINE AND *2051* FEET FROM THE *West* LINE, SECTION *33* TOWNSHIP *21-S* RANGE *37-E* NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)
3471 GA

16. 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 ☐	REMEDIAL WORK ☐ COMMENCE DRILLING OPNS. ☐ CASING TEST AND CEMENT JOBS ☐ OTHER ☐
PLUG AND ABANDON ☐ CHANGE PLANS ☐	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.
Perforate additional section in the Paddock Formation And Frac, as Per attached Procedure

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JUL 31 1972

OIL CONSERVATION COMM.
THOMAS, N. M.

8. 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 *7-27-72*

APPROVED BY *Joe D. Ramey* TITLE *Dist. I, Supv.* DATE *JUL 31 1972*

CONDITIONS OF APPROVAL, IF ANY:

ILLEGIBLE

MIDLAND E & P DIVISION

WELL WORK RECOMMENDATIONS

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

Lease: E.O. Co. Well No. 15
Field: Paddock Field
County: Lea State: New Mexico

RECOMMENDED PROCEDURE:

1. Move in a pulling unit and pull the producing equipment.
2. Drill out cement from 5231' PBTD to top of retrievable bridge plug at 5216'.
3. Treat the well with 250 gal. of 15% non-emulsion HCL acid.
4. Spot 250 gals of 15% non-emulsion HCL acid in the bottom of the hole and perforate the Paddock Formation with 1 jet - 12' per foot.
5267' - 5280' - 13' - 12 holes
Perforations were selected from Schlumberger Gamma-Ray Neutron Log dated 4-7-65.
5. Run the tubing with a packer and tubing head. Set the packer at approximately 5250' and breakdown the Paddock Formation (5267-5280-13' OA - 12 holes) with 1500 gal. of 15% non-emulsion HCL acid. Treat at 2 to 5 PSI/min. and use a sufficient quantity of rubber-covered nylon ball sealers to

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MIDLAND E & P DIVISION

WELL WORK RECOMMENDATIONS

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

Lease: E. D. Cramer Well No. 15
Field: Elmwood Field
County: Lea State: New Mexico

RECOMMENDED PROCEDURE:

completely ball out. Approximately 20 ball sealers will be required.

b. Fracture the Permian Formation (5125' - 5240' - 154' 00" - 43 holes) with 25,000 gals. of 9.0 lb/gal salt water and 40,000 lbs 20-40 Ottawa Sand. ALL water should contain the following additives:

20 lbs/gal of Guar Gum
25 lbs/gal of Nitrate Fertilizer
2 lbs/gal of Surfactant 61

Adjust the pH of the water to between 5 and 7. Treat at screen. Injected surface treatment volume is 2,500 gal. at 50 BPMs/min. Inject 26 RCN ball sealers evenly throughout the treatment for selectivity.

While injecting the last 5 percent of the proppant agent (2000 lbs), obtain a controlled screen-out by simultaneously reducing the injection rate and increasing the proppant agent concentration. The injection rate should be reduced gradually to obtain a controlled screen-out rate of 50 BPMs/min. between 2 and 5 PM. The proppant agent concentration should be

MIDLAND E & P DIVISION

WELL WORK RECOMMENDATIONS

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

Lease: E. O. Carrico Well No. 15
Field: Paddy & Field
County: Lea State: Texas

RECOMMENDED PROCEDURE:

increase gradually from the recommended treating
concentration of 2.4 lb/gal to between 6 and 8 lb/gal.

After the indicated amount has been obtained,
the well should be shut in immediately. No additional
pressure should be applied to the well and no
additional fluid should be pumped through
the propping agent pack.

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

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

9. Return the well to production.

ILLEGIBLE

DIDGEMMATIC WELL SKETCH

NO. 1 WELL NO. 15

PADDOCK FIELD

LEWIS COUNTY, NEW MEXICO

G.L. ELEV. = 3,471'
192. ELEV. =

13 3/4" - 43 7/8" FL. H-40 SET W/ 125 ST

290'

CEMENT TOP (T.S.)

2,850'

8 5/8" - 32 7/8" J. 55 SET W/ 125 ST

2,855'

GRD. PKR.

5,095'

2" TUBING TO 5131'

PADDOCK PERFS.

5126' - 5231' - 105' OR - 31 HOLES

5231' P.B.T.D.

B.P.

5,316'

C.I.B.P.

7,502'

C.M.T. RET.

7,516'

MCKEE TESTS

7,610' - 7,640' - 120 HOLES SIZED

7,652'

BAKER MOD "D" PER
W/ 1015 BLANK OFF

7,660' - 7,695' - 140 HOLES SIZED

7,730' - 7,745' - 60 HOLES

5 1/2" - 17 1/8" FL. H-40 125 ST BELOW COLLAR
640 ST ABOVE

7,760' P.B.T.D.

7,769' T.D.

5-2-72
16W