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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 <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
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. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER-		7. Unit Agreement Name
2. Name of Operator Mobil Oil Corporation		8. Farm or Lease Name S. E. Long
3. Address of Operator P. O. Box 633, Midland, Texas 79701		9. Well No. 5
4. Location of Well UNIT LETTER <u>0</u> <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>1,880</u> FEET FROM THE <u>East</u> LINE, SECTION <u>11</u> TOWNSHIP <u>22-S</u> RANGE <u>37-0</u> NMPM.		10. Field and Pool, or Wildcat Drinkard
15. Elevation (Show whether DF, RT, GR, etc.) 3,346 GR		12. County Lea

16.

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input checked="" type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	

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 perforations in Drinkard formation and stimulate and put Temporarily Abandon well on production as workover. Procedure attached.

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

SIGNED <u>J. McDaniel</u>	TITLE <u>Authorized Agent</u>	DATE <u>2-6-69</u>
APPROVED BY <u>[Signature]</u>	TITLE <u></u>	DATE <u></u>
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 and Well No: S. E. Long Well No. 5

Field: Drinkard

County and State: Lea County, New Mexico

RECOMMENDED PROCEDURE:

1. Clean the well out to PBTD of 6490'.
2. Spot 500 gals of 15%, non-emulsion, HCl acid in the bottom of the hole.
3. Perforate the Drinkard formation with 1 jet shot on each of the following planes:

6256'	6309'	6344'	6408'
6269'	6310'	6364'	6410'
6270'	6314'	6366'	6419'
6278'	6316'	6374'	6421'
6280'	6317'	6375'	6425'
6282'	6324'	6376'	6427'
6290'	6328'	6392'	6429'
6292'	6330'	6393'	6431'
6301'	6338'	6394'	6445'
6305'	6342'	6395'	6447'

Total of 40' and 40 holes.

- * 4. Acidize the Drinkard perforations (6256' - 6475' - 219' OA - 220 holes) with 2500 gals of 15%, non-emulsion, HCl acid. Treat at 2 to 5 bbls/min *and use 700 lbs of rock salt for selectivity.* In order to obtain the desired degree of selectivity, inject 175 lbs of rock salt after each 500 gals of acid. Each stage of rock salt should be carried in a solution of saturated salt water.

5. Swab, clean up, and test the well.

6. Put the well on production.

- * The salt used in this treatment should be the Western Company's wide mesh range salt. This type of salt consists of a mixture of 1/3 Morton's oil field course salt, 1/3 Morton's medium salt, and 1/3 Diamond Crystal's fine salt.

S.E. 40th N. 40th W. 14th S.
 Diamond Field
 Le. 1000' 1000'

Elev. 3346'

13 3/8" - 48# ERT EW
 Cmt. w/ 250 Sx.

— 265'

Cmt. Top
 "Calculated"

— 2491'

9 5/8" - 36# ERT
 AOS Hy Cmt. w/ 1000 Sx.

— 2815'

Guiberson Pkr.
 (Type NA)

— 6264'

Tbg. Perfs.
 6409'-6413'

Drilled Perforations
 6404'-6411' - 14 Holes
 6416'-6421' - 10 "
 6424'-6434' - 20 "
 6440'-6475' - 140 "
 Total - 180 "

2" Tbg. 4.7# ERT EW
 at 6454'

5 1/2" - 17# ERT
 J-55 Cmt. w/ 925 Sx

— 6490' PBD
 — 6491'

PPA
 11/1/11