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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.
B-1520

SUNDRY NOTICES AND REPORTS ON WELLS
DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO RE-ENTER OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE APPLICATION FOR PERMIT - 1 (FORM C-101) FOR SUCH PROPOSALS.)

1. Name of Operator
Mobil Producing TX. & N.M. Inc.

2. Address of Operator
9 Greenway Plaza, Suite 2700, Houston, Texas 77046

3. Location of Well
UNIT LETTER J 1800 FEET FROM THE East LINE AND 1893 FEET FROM
THE South LINE, SECTION 23 TOWNSHIP 17-S RANGE 34-E NMPL.

4. Elevation (Show whether DF, RT, GR, etc.)
4013 GR

7. Unit Agreement Name
8. Farm or Lease Name
North Vacuum Abo Unit
9. Well No.
156
10. Field and Pool, or Wildcat
North Vacuum Abo
12. County
Lea

6. 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 ☐	CASING TEST AND CEMENT JOBS ☐	OTHER ☐

7. 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 Attachment

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

Signed by Rohit Jay TITLE Authorized Agent DATE May 23, 1980

COPIES BY Jerry Sexton TITLE Dist. L. Supv. DATE JUN 1980

CONDITIONS OF APPROVAL, IF ANY:

- 3-12-80 8750 TD, 8725 PBTD, Abo 8487-8548. MIRU Permian dd unit.
- 3-14-80 Set RBP @ 8296. Test csg 500 psi/ok, set RBP @ 4500. Test to 500/ok. Spot 2x sd on RBP. Ran Bond log 2400-4400. Perf 5-1/2 csg @ 2603 w/2 holes. GIHW/pkr on set @ 2352. Attm bring dyed wtr to surf behind 5-1/2 csg. Pmpg 200 bbls br @ 3 BPM @ 1500, returns 1/2 - 3/4 BPM @ surf. Did not circ dyed wtr. Sqz w/800x C + 2% CaCl₂ + 2% CaCl₂ + 1/4# FC thru perfs @ 2603. Final press 800/ok.
- 3-18-80 Valve on tbg leaked. Left btm of pkr in hole, 35 jts tbg cmt. Ran temp srv to 2349. No ind cmt came up behind 5-1/2 csg.
- GIH w/4-11/16 BOS & 3-1/8 grapple, jars 6 - 3-1/2 DC's & 2-3/8 tbg. Caught fish, rec all. GIH w/bit, 6 - 3-1/2 DC's. Tag cmt @ 2553. DO cmt 2353-2418.
- 3-19-80 DO hard cmt 2418-2603. Circ clean. Had wtr fl from perfs. Set pkr @ 2350. Surge & backflow RB from perfs 2603. PI perfs 1 BPM @ 600 psi, lost returns. PI 2 BPM @ 1000 w/2" flow from 8-5/8 csg. PI perfs @ 2603, 3 BPM @ 1500 psi. Had 3 BPM returns, then sq cmt perfs w/1300 sx Class C + 2% CaCl + 200 sx Class C thickset, max sq press 700. Cmt did not circ. Job comp @ 11:35 AM 3-21-80. Ran temp survey & show top of cmt @ 2255 (up 385'). Tag cmt @ 2485. D/O soft cmt 2485-2560. D/O hard cmt 2560-2615 & stringers to 2860. Circ clean & test to 1000/lost 50 psi GIH w/pkr to 2650, press test from 2650 to 4500 w/1000/ok. Reset pkr @ 2300 & test 2300-2650 w/1000/held OK. Perf 5-1/2 csg w/2 holes @ 2240. Flow on 8-5/8 csg died & started to flow out 5-1/2 csg after perf. GIH w/pkr & 62 jts tbg to 1966. Pump 400 bbls dyed br wtr @ 3 BPM @ 1000 psi thru perfs, had good circ but did not circ out dyed wtr.
- 3-25-80 PI perfs @ 2240 @ 3 BPM @ 1000 psi. Had full returns. Sqz cmt thru holes @ 2240 w/2500 sxs Class C + 3% CaCl, max press 700, cmt did not circ. Job compl @ 1 PM. Ran temp survey & show top of cmt @ 1785. Tag cmt inside csg @ 1973. D/O firm cmt 1973-2260. Circ clean & well started to back flow. PI perfs 3-1/2 BPM @ 200 psi.
- 3-27-80 GIH w/pkr, set @ 1900. Press up csg to 500 & PI 1-1/2 BPM @ 1700 psi, then sqz cmt holes @ 2240 w/ two 1000 gal stages of Flocheck + 178 sxs Howco Thickset + 2% CaCl, Max press 2100, left 3 bbls cmt above perfs. Job comp 12:15 PM.
- 3-29-80 Washout cmt cont flocheck 2200-2250. Well back fl 2 BPM. SI, press up to 600. WIH w/pkr, test RBP @ 4500/held ok. Test sq holes 2603 to 1000/held ok. Set pkr @ 1914. PI holes @ 2240 1 BPM @ 1700. Sq w/300x C Thickset @ 1 BPM @ 1500, fl w/11-1/2 bbls wtr. Max press 2400. Comp @ 6 PM.

- 3-30-80 DO hard cmt 2078-2267 & stringers 2267-2350. Press test sqz holes @ 2240 w/1000/ok. Zone perf 2 sqz holes @ 1775. PI holes @ 1775 2 5 BPM @ 500 psi. Had full returns @ surf.
- 4-01-80 GIH w/pkr to 1386. PI 5 BPM @ 500, then sqz cmt 5-1/2 csg thru sqz holes @ 1775 w/300x Class C + 2% CaCl₂. Cmt circ w/70 bbl slurry. SI 8-5/8 csg & press to 1000, could not pump into form, open 8-5/8 csg & left 1000 psi behind 5-1/2 csg. GIH w/bit, 5-1/2 CS, 6 - 3-1/2 DC's. Tag 5' bridge @ 1450 & fell thru. Circ clean. Broke circ & tag solid cmt @ 1720. DO hard cmt to 1793 & stringers to 1860. Circ clean. Press test sqz holes @ 1775 w/1000, lost 500 in 2 min, ran bit to 3000. GIH w/RBP & pkr. Set RBP @ 1953 & cap w/2x sd, set pkr @ 1379 & PI sqz holes @ 1775 @ 1 BPM @ 1000 psi. Sqz cmt 5-1/2 csg thru holes @ 1775 w/300x Howco Thix-set & 2% CaCl₂. Max press 2300. Job compl @ 1 PM 4-4-80.
- 4-08-80 Zone perf 5-1/2 csg w/3 holes @ 420 w/2" gun for 6" penetration. PI holes @ 420 w/1 BPM @ 800. Fluid was going down & did not circ, then sqz cmt thru holes @ 420 w/100x Class C + 2% CaCl₂. Witness by NMOCC man, Nathan Glegg.
- 4-11-80 Spot 6 bbl 20% acid @ 458 PI 1/2 BPM @ 1300. Had sl circ @ surf. Let acid soak 1 hr & PI 3/4 BPM @ 1000. Instl 5-1/2 swage @ surf. Sqz cmt holes @ 420 w/85x Calseal. PI 1/2 BPM @ 400 psi, max press 2200, job compl @ 5 PM.
- 4-18-80 Ran 2-3/8 OPMA @ 8710, perfs 8677, SN 8676, 8 jts 2-3/8, TA @ 8422 w/10,000# T + 266 jts 2-3/8. Ran 2"x1-1/2x24 pump on 247 - 3/4 + 97 - 7/8. Rel Permian WS & to Prod 4 PM. Testing thru 4-23-80.
- 4-24-80 NM OCD POT: P 140 BNO + 9 BLW/24 hrs, 8-1-1/4x 120" SPM, GOR 635/1, Grav 36.5 @ 60, Allow 140 BOPD (NP), Lse WF. Before Rpr Csg Lk: 90 BO + 0 BW.

FINAL REPORT