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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 MOVE BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL ☒ GAS WELL ☐ OTHER ☐

1. Name of Operator
Mobil Oil Corporation

2. Address of Operator
Box 633, Midland, Texas 79701

3. Location of Well

UNIT LETTER N, 660 FEET FROM THE South LINE AND 1902 FEET FROM

THE West LINE, SECTION 18 TOWNSHIP 17-8 RANGE 35-E NMPM.

15. Elevation (Show whether OF, RT, GR, etc.)
3995 GR

7. Unit Agreement Name

6. Farm or Lease Name

22k State Com

9. Well No.

1

10. Field and Pool, or Wildcat

North Vado

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 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"/>	OTHER <input checked="" 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 1703.

Installed identified risers and surface valves on outlet of all unexposed casing strings

Installation was inspected and approved by NMOOC personnel

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

Original Signed by:
(Mrs.) Christine O. Tucker

TITLE Authorized Agent

DATE 6-1-76

APPROVED BY _____

TITLE _____

DATE JUN 2 1976

CONDITIONS OF APPROVAL, IF ANY: _____

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**NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

Form C-105
Revised 1-1-65

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/> KY	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
K-6203	

1a. TYPE OF WELL		OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>		7. Unit Agreement Name					
b. TYPE OF COMPLETION		NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name					
2. Name of Operator		Mobil Oil Corporation		9. Well No.					
3. Address of Operator		P. O. Box 633, Midland, Texas 79701		10. Field and Pool, or Wildcat					
4. Location of Well		UNIT LETTER H LOCATED 660 FEET FROM THE South LINE AND 1902 FEET FROM		12. County					
THE West LINE OF SEC. 18 TWP. 17-S RGE. 35-E NMPM				Lea					
15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead					
10-27-71	11-15-71	11-24-71	3995	--					
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools				
8850		Single	→	X					
24. Producing Interval(s), of this completion - Top, Bottom, Name					25. Was Directional Survey Made				
8672 - 8722 Vacuum Abo, North					Yes				
26. Type Electric and Other Logs Run					27. Was Well Cored				
Schl SWN-Gr-Dual Lateralog, Gr-Collar-Corr					No				
28. CASING RECORD (Report all strings set in well)									
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED				
12-3/4	34. #	290	17-1/2	450 x	--				
8-5/8	24. #	3200	11	1400 x	--				
5-1/2	17. #	8850	7-7/8	1750 x	--				
29. LINER RECORD			30. TUBING RECORD						
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	PACKER SET				
				2-3/8"	8810				
				2-7/8"	1991' on top				
31. Perforation Record (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.						
8672, 73, 75, 76, 81, 82, 83, 84, 85, 86, 91, 92, 8707, 09, 11, 13, 15, 17, 19, 20, 21, & 8722, - 1-JSPF, Total of 22 holes			<table border="1"> <tr> <td>DEPTH INTERVAL</td> <td>AMOUNT AND KIND MATERIAL USED</td> </tr> <tr> <td>8672 - 8722</td> <td>Dowell acidized perfs w/10,500 gals 15% NE acid containing 5#/1000 gals Fr. using 22 RCMB sealers</td> </tr> </table>			DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	8672 - 8722	Dowell acidized perfs w/10,500 gals 15% NE acid containing 5#/1000 gals Fr. using 22 RCMB sealers
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED								
8672 - 8722	Dowell acidized perfs w/10,500 gals 15% NE acid containing 5#/1000 gals Fr. using 22 RCMB sealers								
33. PRODUCTION									
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)		Well Status (Prod. or Shut-in)					
11-24-71		Pumping 2" x 1-1/2 x 10'		Prod.					
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF				
11-28-71	24	2" Tub.	→	161	206.9				
Water - Bbl.	Gas - Oil Ratio								
2 BLW	1285								
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.				
--	--	→	--	--	--				
Oil Gravity - API (Corr.)					47.7				
34. Disposition of Gas (Sold, used for fuel, vented, etc.)					Test Witnessed By				
Phillips Petroleum Company					H. R. Ellledge				
35. List of Attachments									
(1) Daily Drilling Summary									
36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.									
SIGNED H. McDaniel		TITLE Authorized Agent		DATE 12-1-71					

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy <u>1758</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>3067</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>3997</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>4684</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta <u>6132</u>	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb <u>7538</u>	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <u>8220</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	290		Sand Gravel & Red Bed				
290	1500		Red Beds				
1500	1735		Anhy				
1735	3200		Salt & Anhy				
3200	3235		Lime & shale				
3235	3812		Lime				
3812	4230		Lime & Shale				
4030	4415		Lime				
4415	4515		Lime & Shale				
4515	8850	T.D.	Lime				

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OIL CONSERVATION COMM.
HOBBS, N. M.

DAILY DRILLING REPORT

Elk State Com #1

ELK STATE COM #1, 660' FSL & 1902' FWL Sec 18, T-17-S, R-35-E, Lea Co, NM. OBJECTIVE: Drill and complete single Abo well @ 9000. AFE 1140 - Mobil Intr 49.258% - Est Cost to Mobil \$66,500.

- 10/23/71 Loc staked, prep to build pad & road.
- 10/25 Bld pad & road.
- ELK STATE COM #1
- 10/26 Pad & road compl, prep to MIR, Marcum Drlg Co.
- ELK STATE COM #1
- 10/27 Marcum Drlg Co 70% RU, prep to spud.
- ELK STATE COM #1
- 10/28 (1) 290 WOC on 12-3/4" csg in red bed, 17½" hole, Native Mud. 1½ @ 290, Marcum Drlg Co spud in 10:30 a.m. 10/27/71, ran 8 jts 290' 34.0 8V thread 12-3/4 csg cmt'd on bottom @ 290 by Howco w/ 450x Class H cmt w/ 2% CaCl, PD @ 2:30 p.m. 10/27/71, cmt circ, prep to drill 11" hole.
- ELK STATE COM #1
- 10/29 (2) 2175 drlg anhy & salt, 11" hole, 3/4 @ 2088, Br Wtr. WOC total 18 hrs on 12-3/4 csg.
- ELK STATE COM #1
- 10/30 (3) 3199 drlg anhy, 11" hole, Dev 1^o @ 2644. Br Wtr.
- 10/31 (4) 3200 WOC on 8-5/8 csg in anhy, 11" hole, NND, circ 1 hr, pull bit, LD DC, RU & ran 79 jts 24# L. B. Foster csg, Howco cmt'd w/ 1200x Trinity Lite Wate w/ 18% salt followed w/ 200x Class C Neat w/ 2.6% salt, cmt circ, PD @ 5:45 p.m. 10/30/71.
- 11/1 (5) 3810 drlg 1m, 7-7/8" hole, NND, fr wtr, WOC 18 hrs, test BOP's and csg to 1000#/ok.
- ELK STATE COM #1
- 11/2 (6) 4413 drlg 1m, 7-7/8" hole, NND. Fr Wtr.
- ELK STATE COM #1
- 11/3 (7) 4700 drlg 1m, 7-7/8" hole, 1½ @ 3200, 3/4 @ 4478. Fr Wtr.
- ELK STATE COM #1
- 11/4 (8) 5076 drlg 1m, 7-7/8" hole, NND. Fr Wtr.
Note: 8-5/8 csg run on 10/30/71 was 28#/ft instead of 24#.
- ELK STATE COM #1
- 11/5 (9) 5620 drlg 1m, 7-7/8" hole, ½ @ 5400, Fr Wtr.

ELK STATE COM #1

Correction to 10/31/71 rpt: Should read - Howco cmtd w/ 1200x Trinity-Lite wate w/ 7½# salt/x, followed w/ 200x Class C Neat w/ 2.6# salt/x.

11/6 (10) 5970 drlg 1m, 7-7/8" hole, ½ @ 5834, Fr Wtr.

11/7 (11) 6414 drlg 1m, 7-7/8" hole, ½ @ 6414, Fr Wtr.

11/8 (12) 6850 drlg 1m, 7-7/8" hole, NND. Fr Wtr.

ELK STATE COM #1

11/9 (13) 7275 drlg 1m, 7-7/8" hole, NND. Fr Wtr.

ELK STATE COM #1

11/10 (14) 7587 drlg 1m, 7-7/8" hole, NND. Fr Wtr.

ELK STATE COM #1

11/11 (15) 7821 drlg 1m, 7-7/8" hole, ¾ @ 7682. Fr Wtr.

ELK STATE COM #1

11/12 (16) 8125 drlg 1m, 7-7/8" hole, NND. Fr Wtr.

ELK STATE COM #1

11/13 (17) 8411 drlg 1m, 7-7/8" hole, NND. Fr Wtr.

11/14 (18) 8601 drlg 1m, 7-7/8" hole, ½ @ 8601, Fr Wtr.

11/15 (19) 8789 drlg 1m, 7-7/8" hole, NND, 9.2-43-18.0.
mud up @ 8650.

ELK STATE COM #1

11/16 (20) 8850 TD 1m, 7-7/8" hole, ¾ @ 8850, 9.2-37-20.0.
finish hole @ 5:00 p.m. 11/15/71, circ 3 hrs, P & LD
DP & DC's, Schl running OH logs past 4½ hrs.

ELK STATE COM #1

11/17 8850 TD 1m, WOC on 5½ csg, Schl ran SWN-GR logs 0-8844,
dual Lateralog from 3197-8844 in total 9 hrs, ran 276 jts
8850' 5½ OD 17.0# K-55 ST&C csg cmtd on bottom @ 8850
by Howco w/ 1550x Class C 4% gel cmt w/ ¼# Flocele in 1st
1000x + 200x Class C Neat cmt, PD 8:30 a.m. 11/16/71, cmt
circ, RD & Rel Marcum Drlg Co rig @ 11:30 p.m. 11/16/71.

ELK STATE COM #1, 8850 TD.

11/18 Prep to MOT.

ELK STATE COM #1, 8850 TD.

11/19 MORT, inst'l unit anchors, prep to MI unit to compl.

ELK STATE COM #1, 8850 TD.

11/20 MIRU X-Pert Well Serv DD unit, inst'l BOP, ran 4-3/4 bit,
5½ csg scraper on 2-3/8 tbg to 8814, test csg 1500#/ok,
displ wtr w/ lse oil, Dowell spotted 500 gals 15% NE acid
on bottom, POH 20 jts of tbg, SD for nite.

(cont'd on next page)

EL STATE COM #1 (Cont'd from previous page)

- 11/21 Finish POH, Schl ran GR-Collar-Corr log from 8500-8813, then perf 5½ csg in the Abo @ 8672; 73; 75; 76; 81; 82; 83; 84; 85; 86; 91; 92; 8707; 09; 11; 13; 15; 17; 19; 20; 21 & 8722 w/ 1 JSPF, total of 22 holes, ran Baker Model R pkr on 2-3/8 tbg set @ 8015, Dowell displ 500 gals acid into perfs, BDTP 3400, TTP 3400-4100, AIR 2.0 BPM, ISIP 3500, 5 min 1800, reset pkr @ 8616, S 37 BLO + 2 BAW/2 hrs, 500' FIH, sl sh of gas, Dowell reacidized perfs w/ 10,000 gals 15% NE acid containing 5#/1000 gals FR, used 22 RCNB, TTP 3800-5000, AIR 5.4 BPM, ISIP 3800, 5 min 3750, 10 min 3700, job compl @ 6:30 p.m. 11/20/71, S 30 BLO + 50 BAW/11 hrs, L hr S 8 bbls, S/O 45% oil, 6000' FIH, sl sh of gas, cont to sw test. - 13 BLO + 200 BAW.
- 11/22 S 13 BLO + 65 BNO + 25 BAW/10 hrs, L hr S 10 bbls, S/O 97% oil, hole full of scattered fluid, gd sh of gas, SD for nite, prep to POP. - 175 BAW.
- 11/23 ELK STATE COM #1, 8850 TD.
SI 14 hrs, TP 450, bled off press, POH w/ 2-3/8 tbg & pkr, LD 68 jts 2-3/8 tbg, ran 2-3/8 EUE 8rd tbg, OP to 8810, T. Perfs 8775-79, SN @ 8774, 4 jts 2-3/8 tbg, Baker TA catcher set @ 8643 w/ 21,000# T, 209 jts 2-3/8 tbg + 63 jts 1991' 2-7/8 EUE 8rd tbg on top, remove BOP, inst'l wellhead, SD for nite, prep to run pump & rods. - 160 BLO + 175 BAW.
- 11/24 ELK STATE COM #1, 8850 TD.
Ran pump & rods to SN @ 8774, spaced out, clamped off, RD, Rel unit & Rel well to Prod @ 6:00 pm. 11/23/71. - 160 BLO + 175 BAW.
- 11/29/71 ELK STATE COM #1, 8850 TD.
P 160 BLO + 504 BNO + 21 BLW/84 hrs, pump failed, pulled & changed pump, P 84 BNO + 4 BLW/12 hrs - 150 BLW.
- POTENTIAL NM OCC POT: P 161 BNO + 4 BLW/24 hrs, 12 - 1½ x 100" SPM, GOR 1285/1, Grav 37.7 @ 60, Allow 161 (NP), Top 358, Cap 161, Compl 11/20/71.
FINAL REPORT.
- 12/1/71 ELK STATE COM #1, 8850 TD.
CORRECTION TO 11/29/71 Rpt: Should be: 12 - 1½ x 100" SPM.
FINAL REPORT.