

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

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FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease  
State  Fee

5. State Oil & Gas Lease No.  
LG-4131

1a. TYPE OF WELL  
OIL WELL  GAS WELL  DRY  OTHER \_\_\_\_\_

b. TYPE OF COMPLETION  
NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF. RESVR.  OTHER \_\_\_\_\_

7. Unit Agreement Name

8. Farm or Lease Name  
State "AD"

2. Name of Operator  
Mobil Oil Corporation

9. Well No.  
1

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

10. Field and Pool, or Wildcat  
Vacuum, No. (Morrow)

4. Location of Well  
UNIT LETTER G LOCATED 1980 FEET FROM THE North LINE AND 2125 FEET FROM  
THE East LINE OF SEC. 32 TWP. 16S RGE. 34E NMPM

12. County  
Lea

15. Date Spudded 4/15/78 16. Date T.D. Reached 6/8/78 17. Date Compl. (Ready to Prod.) NA 18. Elevations (DF, RKB, RT, GR, etc.) 4105 GR 19. Elev. Casinghead

20. Total Depth 13,200' 21. Plug Back T.D. NA 22. If Multiple Compl., How Many \_\_\_\_\_ 23. Intervals Drilled By Rotary Tools 0-13,200 Cable Tools \_\_\_\_\_

24. Producing interval(s), of this completion - Top, Bottom, Name  
NA

25. Was Directional Survey Made  
No

26. Type Electric and Other Logs Run  
CNC Density w/ Caliper; Dual LL; Acoustic

27. Was Well Cored  
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#	355	17 1/2"	450 x H + 2% CaCl <sub>2</sub>	---
8 5/8"	32#	4852	11"	2500 x C + 6% gel	---

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number)  
OH 4852 - 13,200'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
13,200-100'	35x H + .4% HR-4
12,950-850'	35x H
12,625-725'	35x H + 5# sd + .4% HR-4
12,414-314	35x H (over)

33. PRODUCTION  
Date First Production NA Production Method (*Flowing, gas lift, pumping* - Size and type pump) \_\_\_\_\_ Well Status (*Prod. or Shut-in*) P & A 6/18/78

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas-Oil Ratio

Flow Tubing Press. \_\_\_\_\_ Casing Pressure \_\_\_\_\_ Calculated 24-Hour Rate \_\_\_\_\_ Oil - Bbl. \_\_\_\_\_ Gas - MCF \_\_\_\_\_ Water - Bbl. \_\_\_\_\_ Oil Gravity - API (*Corr.*) \_\_\_\_\_

34. Disposition of Gas (*Sold, used for fuel, vented, etc.*) \_\_\_\_\_ Test Witnessed By \_\_\_\_\_

35. List of Attachments  
Well Logs; Drilling Report 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 Virginia Howard TITLE Authorized Agent DATE July 11, 1978



DAILY DRILLING REPORT

State "AD" #1

STATE "AD" #1  
No Vacuum Fld  
Lea Co, NM  
PD 13,500 Morrow  
Mobil Intr 100%  
AFE 8219 = \$764 M  
MGF Rig #9  
Spud 4/15/78  
12-3/4 @ 355  
8-5/8 @ 4852

4/15/78  
1980 FNL & 2125 FEL Sec 32, T16S, R34E.  
MIRI, MGF Drlg Co 60% RU.

4/16/78  
(1) 355 WOC, RB, 3/4 @ 355, Spud Mud.  
fin 17½ hole @ 7:15 PM 4/15/78, ran 11 jts  
12-3/4 34# ST&C 8V csg, Howco cmt on btm w/  
450x Class H + 2% CaCl2, PD @ 12:45 AM  
4/16/78, cmt circ 25x, MGF Rig #9 spud in @  
4 PM 4/15/78.

4/23/78  
(13) 4852 WOC 8-5/8,  
119 jts 8-5/8 32# K55 set @ 4852, Howco cmt  
2300x C + 6% gel + 200x C, PD 2 PM 4/27/78,  
cmt circ.

5/31/78  
(46) 12,754 drlg lm, sh & chrt, 7-7/8 hole,  
10.3-49-20.  
Bit #12 Smith F5 (280/64 hrs), 40-48 wt,  
48 RPM, drlg break 12,660, cl incr in  
mud 44,000-100,000.

6/8/78  
(54) 13,200 TD 1:30 AM 6/8/78, lm, sh, chrt,  
NND, 10.6-54-7.  
circ 5 hrs to log,  
Bit #13 Smith F5 (250/106½).

6/10/78  
(56) 13,200 TD, prep spot plug, lm & sh,  
7-7/8 hole, 10.6-57-7.  
3/4 @ 13,200,  
DA ran CNL Density w/ Caliper surf-13,199,  
dual LL 4842-13,201, Acoustic 9600-13,201,  
GIH w/ bit, cond mud 4 hrs, POH, GIH OE w/  
DP, prep spot plugs.

6/11/78  
(57) 13,200 TD, WOC plug @ 12,625,  
7-7/8 hole, 10.6-59-7.  
Howco spot 35x H + .4% HR-4 13,200-100,  
35x 12,950-850, 35x H + 5# sd + .4% HR-4  
@ 12,625-12,725, POH strap DP in hole w/ bit,  
prep to tag plug.

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FEDERAL BUREAU OF INVESTIGATION COMM.  
LOS ANGELES, CALIF.

6/12/78

(58) 13,200 TD, 12,660 PBD, 7-7/8 hole,  
10.7-58-8.

WOC 24 hrs tag plug @ 12,615, dress off  
12,660, POH, GIH for DST #1 Atoka pay  
12,624-48, before pkr open had blow & loss  
of fluid in annl, prep POH & check tools.

6/14/78 DST # 2

(60) GIH w/test tool, work thru tight hole @  
12,583 & 12,628 w/tool on bottom, attempt setting  
pkrs 12,527-35, comm immed pulling off bot, stuck  
jar loose 1/2 hr, POH, ran bit wash 45' fill to  
bot bridge @ 12,580, circ & cond mud 5 hrs for  
DST, mud now 10.8-55-8.

6/16/78

(62) 13,200 TD, 12,662 PBD, running DST #3  
12,530-12,662, 7-7/8 hole. 11.2-75-8.  
Cond mud 12 hrs, made 2 short trips no drag or  
fill, POH GIH for DST #3 w/3000' water blanket.

6/17/78

(63) 13,200 TD.  
DST #3 12,530-662, dual pkrs @ 12,522 & 530, 3/4  
BHC open @ surf, 3000' wtr blanket, open 30 min  
w/sli blow, SI 1 hr open 1 hr blow 1 min & died,  
SI 2 hrs POH, rec 3000' wtr blanket & 279' of  
drlg mud sampler had 200 psi & 2300 CC's of drlg  
mud w/no show, HH in & out 7300, IBHFP 1307-1350  
1 hr BHSIP 5783, FBHFP 1350, 2 hr BHSIP 5960, BHT  
150, GIH POH LD bit & DC's, GIH w/DP OE to 12,662  
cond mud, prep to spot plugs & P&A.

6/19/78

(65) 13,200 TD, P&A.  
Howco spot 35 sx plugs 12,414-314 Atoka, 10,710-  
610 Penn, 9800-9700 Wolfcamp 8042-7942 Abo, 5996-  
5896 Glorietta 4902-4802, across 8-5/8 shoe  
1760-1660 top salt, 10 sxs in surf, install P&A  
marker, rel MGF 7 AM 6/18/78, well P&A.  
FINAL REPORT.

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FEDERAL RES. B.