

SUBMIT IN DUPLICATE
(See other instructions on reverse side)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:

b. TYPE OF COMPLETION:
NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐

2. NAME OF OPERATOR

Mobil Oil Corporation

3. ADDRESS OF OPERATOR

Nine Greenway Plaza, Suite 2700, Houston TX 77046

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 874' FSL + 732 FEL

At top prod. interval reported below same as surface

At total depth same as surface

15. DATE SPEDDED
10/22/78

16. DATE T.D. REACHED
10/31/78

17. DATE COMPL. (Ready to prod.)
T.A.

22. IF MULTIPLE COMPL., HOW MANY*

20. TOTAL DEPTH, MD & TVD
6250'

21. PLUG. BACK T.D., MD & TVD
6106'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
5434-5851 (Blanco Mesaverde)

26. TYPE ELECTRIC AND OTHER LOGS RUN
Logs Attached.

28. CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8-5/8"	20#	302'	12-1/4
4-1/2"	10.5#	6250	

29. SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

31. PERFORATION RECORD (Interval, size and number)
5434-99

5807-51
5537-98
5600-79
5501-03

33.* DATE FIRST PRODUCTION

DATE OF TEST

FLOW, TUBING PRESS.

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

35. LIST OF ATTACHMENTS
Logs, Directional Survey, Drilling Report Summary

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all

SIGNED

Rhodie Jay

TITLE Authorized Agent
* (See Instructions and Spaces for Additional Data on Reverse Side)

5. LEASE

6. IF INDIAN, ALLOTTEE OR TRIBE
Jicarilla Contract #96

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Jicarilla H

9. WELL NO.
4-A

10. FIELD AND POOL, OR WILDCAT
Blanco Mesaverde

11. SEC., T., R., M., OR BLOCK AND SURVEY
Sec. 1, T26N, R3W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico

19. ELEV. CASINGHEAD

DATE ISSUED
7/20/78

15. ELEVATIONS (DF, RSB, RT, GR, ETC.)*
GR 7085'

23. INTERVALS DRILLED BY
ROTARY TOOLS X

25. WAS DIRECT SURVEY MADE
Yes

27. WAS WELL N

CEMENTING RECORD

250 sx B + 2% CaCl
1) 525xLtWt+6 1/4 #gil+ 1/4 #
FC+250x+1/8FS(2)1500x
LtWt+6 1/4 #gil+ 1/4 #FC

TUBING RECORD

30. SIZE

DEPTH SET (MD)

32. ACID, SHOT, FRACTURE, CEMENT SQ
DEPTH INTERVAL (MD)
5807-5851
5537-5679
5434-5503

AMOUNT AND KIND OF
50,000 gals mi
20/40 in 5 sta
2000 gals. 15
2000 gals. 15

PRODUCTION

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

OIL—BBL.

GAS—MCF.

WATER—BBL.

PROD'N. FOR TEST PERIOD

CHOKE SIZE

HOURS TESTED

DATE OF TEST

CASING PRESSURE

CALCULATED 24-HOUR RATE

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

35. LIST OF ATTACHMENTS
Logs, Directional Survey, Drilling Report Summary

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all

SIGNED

Rhodie Jay

TITLE Authorized Agent
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Types of lands and leases to either a Federal agency or a State are shown below or will be issued by, or may be obtained from, the local available logs (drillers, geologists, sample and core analysis, all types electric, etc.), to the extent required by applicable Federal and/or State laws and regulations. All attach Federal or Indian land should be described in accordance with Federal requirements. Consult local reduction from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the production, showing the additional data pertinent to such interval. Submit a separate report (page) on this form, adequately identifying records for this well should show the details of any interval. (See instruction for items 22 and 24 above.)

approval
& abandonment.

37. 5

FORMATION		ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CURED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		DESCRIPTION, CONTENTS, ETC.	
TOP	BOTTOM				
5434	5851				
Mesa Verde					

38.

GEOLOGIC MARKERS		
NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo-Alamo	3218	
Pictured Cliffs	3642	
Mesa Verde	5437	
Point Lookout	5808	
Mancos	5939	

DAILY DRILLING REPORT

JICARILLA "H" #4-A
Blanco Mesa Verde Fld
Rio Arriba Co, NM
PD 6250 Mesa Verde
Mobil Intr 100%
AFE 8206 = \$419,500
Coleman Rig #
Spud 10/22/78
8-5/8 @ 302

10/20/78
874 FSL & 732 FEL Sec 1, T26N, R3W.
Prep MIRT.

10/23/78
(1) 302 WOC 8-5/8, sh, 12-1/4 hole. Spud.
Spud 8 PM 10/22/78, ran 7 jts 8-5/8 20# set @
302, Howco cmt w/250 sxs B + 2% CaCl, PD 2:30
AM 10/23/78, circ 10 sxs.

10/31/78
(9) 6250 TD, prep log sd & sh, 7-7/8 hole,
9.1-55-6.
TD 1:30 AM 10/31/78, circ 2 hrs, short trip,
POH.

11/1/78
(10) 6250 running 4 1/2 csg,
DA ran CNL Density Ind El 293-6244, WIH, circ
2 hrs, LD DP.

11/2/78
(11) 6250 WOC 4 1/2 csg,
ran 182 jts 4 1/2 10.5# K55 set @ 6250, FC 6228,
DV @ 3961, Howco cmt 1st stage w/ 525x Lt Wt
+ 6 1/2# gil + 1/4# FC + 250x B + 1/8 FS, PD
1:30 PM, open DV, circ 6 hrs, rec 250x 2nd
stage 1500x Lt Wt + 6 1/2# gil + 1/4# FC, lost ret
after pumping 259 bbls, PD 8:45 PM 1/1/78,
NU, rel rig 12 midnite 11/1/78.

11/6/78
6250 TD.
Prep MI Aztec.

11/7/78
6250 TD.
MIRU Aztec DD unit 11/6/78.

11/8/78
6250 TD.
GIH w/ 3-7/8 bit, 6 - 3-1/8 DC's on 2-3/8
drill DV @ 3961, test 1000/ok, run to 6109,
SDFN.

11/9/78
6250 TD, 6106 PBTD.
Test csg 1000/ok, POH left 3 cones in hole.

11/10/78
6250 TD, 6106 PBTD.
WIH w/ 4 1/2 CS to 6106, POH, WIH w/ 2-3/8 to
6000, NU tree, relAztec 5:30 PM 11/9/78.

Jicarilla "H" #4-A

11/14/78

6250 TD, 6106 PBTD.

Prep MIPU.

11/15/78

6250 TD, 6106 PBTD.

MIRU Drake DD unit.

11/16/78

6250 TD, 6106 PBTD, Mesa Verde 5807-51.

Circ csg to 2% KCL TFW, spot 100 gals 15% HCL on btm, Blue Jay ran GR Coll log 6113-5000, perf 4½ csg 1 JS ever 2' 5807-51, total 23 holes, Western ball off perfs w/ 43 BS in 500 gals 15% HCL, TTP 2000-3500, ISIP vac, ran WL, JB, rec RCNBS.

11/17/78

6250 TD, 6106 PBTD, Mesa Verde 5807-51.

Western frac perfs 5807-51 down 4½ w/ 50,000 gals mini max 2 + 121,000# 20/40 in 5 stages, TCP 2000-2800 @ 31 BPM, ISIP 650, 15 min 350, ran RBP on WL to 3960, stopped in DV tool, ran 3-7/8 bit & CS to 3960 & worked out DV tool, ran RBP to 5712.

11/18/78

6250 TD, 6106 PBTD, Mesa Verde 5807-51, 5537-5679, 5434-5503.

Test RBP 3500/ok Blue Jay perf 4½ csg 1 JS 5537-39; 41; 43; 45; 47; 53; 55; 57; 64; 66; 68; 73; 75; 77; 86; 88; 90; 92; 94; 96; 98; 5600-02; 75-77; 79 - total 27 holes, West frac perfs w/ 2000 gals 15% HCL + 74,000 gals Mini Max II + 150,000# 20/40 sd, TCP 2050-2700 @ 40 BPM, ISIP 1300, 15 min 1000, set RBP on WL @ 5520, test to 3500, Blue Jay perf 4½ csg 1 JSPF 5434-36, 38; 42; 44; 63; 65; 67; 69; 71; 73; 99; 5501-03, total 17 holes, frac w/ 2000 gals 15% HCL + 37,000 gals Mini Max II + 70,000# 20/40 sd, TCP 2200-3200 @ 30 BPM, ISIP 1150, 15 min 900.

11/21/78

6250 TD, 6106 PBTD, Mesa Verde 5434-5503, 5537-5679, 5807-51.

12 hr SICP 300, bled down 4 hrs, GIH w/ RH on Hyd bailer on 2-3/8, CO & ret RBP @ 5520, POH.

Jicarilla "H" #4-A

11/22/78

6250 TD, 6106 PBTD, Mesa Verde 5434-5503,
5537-5679, 5807-51.

Fl overnite to pits, rec RBP @ 5712, POH, CO
w/ hyd bailer to 6106, POH.

11/23/78

6250 TD, 6106 PBTD, Mesa Verde 5434-5503, 5537-
5807-51.

WIH w/ sawtooth collar on 2-3/8 to 5802,
SN @ 5778, S 120 BLW, FL 0-1000. - 2880 BLW.

12/6/78

6250 TD, 6106 PBTD, Mesa Verde 5434-5851.
Fl 121 BLW/24 hrs on 20/64 ck, TP 100, CP
rel Drake unit 1 PM 12/5/78, turn to Prod.

2/6/79

6250 TD, 6106 PBTD, Mesa Verde 5434-5851.
F 0 BO + 0 BFW/24 hrs, 13/64, GV 31 MCFGPD,
TP 195, CP 890, LP 180, SI for study 2/6/79.
DROP FROM REPORT.