

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved
Budget Bureau No. 42-10355.5.

LEASE DESIGNATION AND SERIAL NO.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐

2. TYPE OF COMPLETION:

NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. ESTER. ☐ Other ☐

3. NAME OF OPERATOR

Mobil Oil Corporation

4. ADDRESS OF OPERATOR

Three Greenway Plaza East, Suite 800, Houston, Texas 77046

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

At surface: Unit P, 990 FSL & 790 FEL, Sec. 35, T-27-N, R-3-W

At top prod. interval reported below

At total depth

11. PERMIT NO.

DATE ISSUED

6. LEASE OR LAND NAME

Jicarilla G

7. WELL NO.

1-A

10. FIELD AND POOL, OR WILDCAT

Blanco Mesa Verde

12. SECTION, T., R., MD. OR BLOCK AND SURVEY OR AREA

Sec. 35, T-27-N, R-3-W

13. COUNTY OR PARISH

Rio Arriba

14. STATE

New Mexico

15. DATE DRILLED

6-13-76

16. DATE T.D. REACHED

6-29-76

17. DATE COMPL. (Ready to prod.)

8-22-76

18. ELEVATIONS (OF RNB, RC, GR, ETC.)*

7112 CR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6100

21. PLUG BACK T.D., MD & TVD

6070

22. IF MULTIPLE COMPL., HOW MANY*

-

23. INTERVALS DRILLED BY

→

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Blanco Mesa Verde

5523-5594, 5654-5698, 5706-5784, 5876-5894, 5906-5996, 6000-6048

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dresser Atlas IES, CNL-GR-Caliper, SWN Schl. Gr-Collar-Corr

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT FILLED
8-5/8	20#	340	12-1/4	215 x Circ.	-
4-1/2	10.5#	6100	7-7/8	1400-1800 x circ.	-

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8	5210	-

30. PERFORATION RECORD (Interval, size and number)

5523-5594, 5654-5698, 5706-5784,
5876-5894, 5906-5996, 6000-6048
Total of 113 Holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5523-6048 OA	Howco acidized perfs w/7500 gals 15% NE acid, used 150 RCNBS, SWF w/360,000 gals gelled 2% Ncl wtr. +810,000# 20/40 sd used 46 RCNBS.

32. Gas Well PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
8-20-76		Flowing				Shut in waiting on Gas	
DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-20-76	24	18/64	→	32	3200		conx
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
434	718	→	32	3,200	0	66.0	

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

Sold to Northwest Pipe Line Corp.

TEST WITNESSED BY

D. R. Oliver

34. LIST OF ATTACHMENTS

Daily Drilling Summary

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

SIGNED

TITLE

Authorized Agent

DATE

9-14-76

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 16: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 28: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF FORMER ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTS, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH
Sand	0	340	See Attached Daily Drilling Summary	Pictured Cliff	3725
Sand & Lime	340	2790		Lewis Sahle	3815
Sand & Shale	2790	4510		Mesa Verde	5524
Lime & Shale	4510	4690		Cliff House	5596
Sd & Shale	4690	6014		Mene Fec	5902
Shale	6014	6100		Point Lookout	6050
				Mancas Shale	

DAILY DRILLING REPORT

Jicarilla "G" #1-A

JICARILLA "G" #1-A
Blanco Mesa Verde Fld
Rio Arriba Co, NM
PD 6509 Mesa Verde

6/11/76

990 PSL & 790 PSL, Sec 25, T-27-N, R-3-W,
Rio Arriba Co, NM.

6/14/76

(1) 340 ND, WOC 8-5/8" csg in sd, 12-1/4" hole,
1/2° 340, S. Mud.

Arapahoe Drilg Co spudded @ 12:30 PM, 6/13/76,
ran 11 jts 340' 8-5/8" OD, 20.0# 8rd ST&C csg,
Howco cemented csg on bottom @ 340 w/215 br
Class C cmt w/20 CaCl, PD @ 11:15 PM, 6/13/76,
cmt circulated nipple up csg, inst BOP's WOC.

6/15/76

1623 drilg sd & lm, 7-7/8" hole, 3/4° 1515,
8.9-29-11.0.

Test csg to 800#, OK.

6/30/76

(17) 6100 TD sh, 7-7/8 hole, TD, 9.1-53-7.8.
finish hole, circ 1 1/2 hrs, made short trip, circ 1 1/2 hrs.
POH, Dresser-Atlas ran IES log from 500-6104 loggers
TD, then ran CIL-GR-Caliper from 4600-6104, now
running CIL-GR-Caliper.

7/1/76

6100 TD sh, 7-7/8 hole.

Dresser ran S&H-GR-Caliper logs 4600-6104, ran bit
to 5200, broke circ, ran bit to bottom, circ 1 1/2 hrs,
P & LD DP & DC's, ran 192 jts 4 1/2 csg, attempting to
unplug csg.

7/2/76

6100 TD, WOC 4 1/2 csg 192 jts 10.50# 3rd LT&C csg w/
DV Tool @ 3916, circ 4 hrs, BJ Serv cmt csg on bottom
1st stage w/ 500x BJ LW cmt containing 5# gilsonite +
1/2# flocele/x + 300x Class B cmt containing 5# gilsonite
+ 1/2# flocele/x, PD @ 11 AM 7/1/76, open DV Tool, circ
5 hrs, cmt circ, BJ cmt 2nd stage thru DV Tool w/
1000x LII, cmt containing 5# gilsonite + 1/2# flocele/x
+ 100x Class B Heat cmt containing 1/2# flocele/x, PD @
6 PM 7/1/76, cmt circ, set slips, cut off csg, rel
Arapahoe Drilg Co rig @ 10 PM 7/1/76, prep to MOR.

7/5/76

6100 TD.

NIRU Drake Well Serv 7/4/76.

7/7/76

6100 TD.

Drill DV Tool @ 3916, ran bit to 6020, drld cmt to
6050, PSTD, circ clean, test csg to 1500#/ok, displ
hole w/ 1% KCL wtr, Howco spotted 200 gals 15% NEA,
POH, SDFN.

7/8/76

6100 TD, 6050 PSTD.

Ran 2-3/8 tbg OE to 6050, rev circ acid out of hole,
P & LD tbg, rel Drake Well Serv unit @ 2:30 PM

7/7/76.

7/14/76

6100 TD, 6050 PSTD.

ran 3-7/8 bit on

500
300
1000
100
1400

7/15/76

6100 TD, 6070 PBTB.

POH, Schl ran CR-boller-Corr log from 4000-6073, then perf 4½ csg in the Mesa Verde @ 5873; 80; 82; 84; 86; 88; 90; 92; 94; 5800; 08; 12; 14; 16; 20; 22; 24; 26; 43; 50; 52; 54; 56; 58; 60; 62; 64; 66; 68; 6900; 02; 04; 06; 08; 12; 14; 16; 18; 20; 22; 24; 26; 30; 32; 40 & 6048, w/ 1 JSPF, total of 40 holes, Howco acidized perfs down 4½ csg w/ 2500 gals 15% NEA used 60 RCNBS, TCP 1400, AIR 22.0 BPM (balled off @ 4000-4), rel press Schl ran junk bskt on wire line, rec 34 balls, Howco SWF perfs down 4½ csg w/ 120,000 gals gelled 2% KCl wtr + 270,000# 20/40 sd used 16 RCNBS after 1st stage & 9 RCNBS after 2nd stage, TCP 2200, AIR 50.0 BPM, ISIP 400, 15 min 100, job compl @ 8 PM 7/15/76,

7/16/76

6100 TD, 6070 PBTB, Mesa Verde 5876-6048.

Schl ran & set 5½ ret BP in 4½ csg @ 5840 capped BP w/ 1x of sd, then perf 4½ csg in the Mesa Verde @ 5554; 56; 58; 60; 72; 74; 76; 86; 88; 90; 92; 94; 96; 98; 5705; 08; 12; 14; 17; 19; 26; 28; 30; 32; 34; 36; 38; 40; 42; 44; 74; 76; 78; 80; 82 & 5784 w/ 1 JSPF, total of 36 holes, Howco acidized perfs down csg w/ 2500 gals 15% NEA used 15 RCNBS, BDCP 2500, TCP 2100-2400, AIR 25.0 BPM, balled off, Schl ran junk bskt thru perfs, rec 1 ball, Howco SWF perfs down 4½ csg w/ 120,000 gals gelled 2% KCl wtr + 270,000# 20/40 sd used 18 RCNBS, TCP 2200-2600, AIR 50.0 BPM, ISIP 800, 30 min 500, job compl @ 2 PM 7/16/76,

7/17/76

6100 TD, 6070 PBTB, Mesa Verde 5876-6048, RBP @ 5840, Mesa Verde 5554-5784.

Schl ran junk bskt to 5624, then set ret BP @ 5624, perf 4½ csg in the Mesa Verde @ 5523; 27; 29; 34; 36; 38; 40; 42; 46; 48; 50; 52; 54; 60; 62; 64; 66; 68; 70; 72; 74; 76; 78; 80; 82; 84; 86; 88; 90; 92; & 5594 w/ 1 JSPF, total of 31 holes, Howco acidized perfs down 4½ csg w/ 2500 gals 15% NEA used 45 RCNBS, BDCP 2000, TCP 1000, AIR 25.0 BPM (balled out), Schl ran junk bskt, rec 12 balls, Howco SWF down 4½ csg w/ 120,000 gals gelled 2% KCl wtr + 270,000# 20/40 sd, used 12 RCNBS, TCP 2000-2600, AIR 50.0 BPM, ISIP 450, 15 min 150, job compl @ 3 PM 7/16/76,

7/19/76

6100 TD, 6070 PBTB, Mesa Verde 5876-6048, RBP 5840, Mesa Verde 5554-5784, PCP @ 5624, Mesa Verde 5523-5594 SI past 65 hrs.

7/23/76

6100 TD, 6070 PBTB, Mesa Verde 5523-6048.

Ran Baker rat tool w/ sd snatcher on 2-3/8 hydril tbg to 5599, CO sd to 5624, ret BP, POH w/ plug, rerun same tools, CO frac sd from 5740-5830, ret BP, POH, rerun sd snatcher, CO frac sd from 6030-6070 PBTB, pull 20 lbs of tbg. SDFN.

7/22/75
6100 TD, 6070 PBD, Mesa Verde 5523-6048.
F O BO + 277 BBL/24 hrs, 3/4 ck, GV 2.1 MMCFGPD,
TP 210, CP 520, LP 230, start delivery to Northwest
pipeline 7/20/75. ~~7/22/75~~ 7/24/75

8/20/75

6100 TD, 6070 PBD, Mesa Verde 5523-6048.

NI OCC POT: SI 7 days, TP 929, CP 931, pulled BHP
BGLB, F 4 BNO + tr of wtr/3 hrs, 3/4 ck, GV 3.2 MMCFGPD,
TP 404, CP 718, GCS 3.8 MMCFGPD, Comp 7/20/75,
fl no oil + no wtr/1 hr, 10/04 ck, GV 0.5 MMCFGPD,
TP 750, CP 718.

8/23/75

SI 24 hrs TP 945, CP 936, F 1 BNO + 0 BW/1 hr, 26/04,
GV 1.5 MMCFGPD, TP 830, CP 940, Oil Gray 55.0 0 00,
SI 8/22/75 - 10 NI pipeline Co for gas connection.
FINAL REPORT.