

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL ☐	GAS WELL ☒	DRY ☐	Other _____										
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other _____								
2. NAME OF OPERATOR Mobil Oil Corporation						5. LEASE DESIGNATION AND SERIAL NO. 6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Contract #94 7. UNIT AGREEMENT NAME 8. FARM OR LEASE NAME Jicarilla "F" 9. WELL NO. 2-A 10. FIELD AND POOL, OR WILDCAT Blanco Mesaverde 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 27, T27N, R3W 12. COUNTY OR PARISH Rio Arriba 13. STATE NM									
3. ADDRESS OF OPERATOR Three Greenway Plaza East, Suite 800, Houston, Texas 77046						14. PERMIT NO. 006480 DATE ISSUED 8/29/77									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 990' FNL & 1190' FWL, Sec. 27, T-27-N, R-3-W At top prod. interval reported below At total depth Same as surface						15. DATE SPUDDED 10/10/77 16. DATE T.D. REACHED 10/19/77 17. DATE COMPL. (Ready to prod.) 11/18/77 18. ELEVATIONS (DF, RESB, RT, GR, ETC.)* 7250' GR 19. ELEV. CASINGHEAD									
20. TOTAL DEPTH, MD & TVD 6370		21. PLUG, BACK T.D., MD & TVD 6345		22. IF MULTIPLE COMPL., HOW MANY* -		23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS 0-6280'									
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Pf. 5826-6266', Mesaverde						25. WAS DIRECTIONAL SURVEY MADE No									
26. TYPE ELECTRIC AND OTHER LOGS RUN Ind. Density Neutron; GR - Collar						27. WAS WELL CORRED No									
28. CASING RECORD (Report all strings set in well)															
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED					
8-5/8		20#		322		12 1/4"		225x C + 2% CaCl							
4-1/2		10.5#		6370		7 7/8"		1626x Lt Wt & 6 1/4 # gilsonite							
29. LINER RECORD								30. TUBING RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
										2 3/8		6138		6137	
31. PERFORATION RECORD (Interval, size and number) Pf. 6164-6266', 1 JSPF (34 holes) Pf. 5826-6102', 1 JSPF (37 holes)								32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 6280-5982' Pf. 6164-6266 AMOUNT AND KIND OF MATERIAL USED Spot 200 g. 15% NEA 2500 g. 15% NEA; SWF 154,500 g. Versagel + 552M# 20/40 sd (over)							
33.* PRODUCTION DATE FIRST PRODUCTION 11/30/77 (Test) PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) SI for connection								34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold (temporary connection to Northwest Pipeline)							
DATE OF TEST 1/24/78		HOURS TESTED 3		CHOKE SIZE 3/4"		PROD'N. FOR TEST PERIOD 1		OIL—BBL. 1/8		GAS—MCF. 194		WATER—BBL. 2 BLW		GAS-OIL RATIO 1.548MM/1	
FLOW. TUBING PRESS. 172		CASING PRESSURE 657		CALCULATED 24-HOUR RATE 1		OIL—BBL. 1		GAS—MCF. 1548		WATER—BBL. 17 BLW		OIL GRAVITY-API (CORR.) 65@60			
35. LIST OF ATTACHMENTS Well Logs, Inclination Survey, Daily Drilling Report summary								36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records SIGNED <i>Ja Morris</i> TITLE <i>REGULATORY ENGINEERING SUPERVISOR</i> DATE <i>2/3/78</i> FEB 13 1978 CON. COM. DIST. 3 LIVED							

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

U. S. GEOLOGICAL SURVEY
DURHAM, N.C.

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 18: 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 29: "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.)

32. (con't) Acidized pf. 5826-6102 w/2500 g. 15% NEA; SWF w/127,410 g. Versagel + 428,000 # 20/40 sd.

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL DOWN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Pictured Cliffs	4009	4110	Gas	Pictured Cliffs	4009	
Mesaverde	5818	6700	No cores; no DST's.	Lewis Shale	4110	
				Mesaverde	5818	
				Mancos	6700	