

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 _____		5. LEASE DESIGNATION AND SERIAL NO.	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTER OR TRIBE NAME	
2. NAME OF OPERATOR		Jicarilla Contract #94	
3. ADDRESS OF OPERATOR		7. UNIT AGREEMENT NAME	
Mobil Oil Corporation		8. FARM OR LEASE NAME	
Three Greenway Plaza East, Suite 800, Houston, Texas 77046		Jicarilla "F"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*		9. WELL NO.	
At surface 1190' FSL & 1090' FEL Sec. 23, T27N, R3W		4A	
At top prod. interval reported below		10. FIELD AND POOL, OR WILDCAT	
At total depth		Blanco Mesa Verde	
Same as surface		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA	
14. PERMIT NO.		12. COUNTY OR PARISH	
DATE ISSUED		13. STATE	
8/26/77		Rio Arriba NM	
15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, REB, RT, GR, ETC.)*
9/16/77	9/26/77	10/10/77	7148' GR
20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY
6260'	6209'		0-6260'
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*			25. WAS DIRECTIONAL SURVEY MADE
5968-6076', Lower Mesa Verde			No
5662-5866', Middle & Upper Mesa Verde			No
26. TYPE ELECTRIC AND OTHER LOGS RUN			27. WAS WELL CORED
Snd. CNL - Caliper, Collar			No
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8-5/8"	20#	300'	12 1/4"
4-1/2"	10.5#	6350'	7 7/8"
		CEMENTING RECORD	
		210 x C	
		1445 x C	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
		SCREEN (MD)	
		30. TUBING RECORD	
SIZE		DEPTH SET (MD)	
2-3/8"		5607'	
		PACKER SET (MD)	
		5607'	
31. PERFORATION RECORD (Interval, size and number)			
5968'-6076', 1JS2F; 27 holes.			
5662-5866', 1JS2F; 36 holes			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
6209'		Spot 200 gal 7.5% NEA	
5968-6076		Acidize w/2500 gal. 15% HCl	
"		Frac w/137,000 gal. gel + 476,000	
		20/40 sd (Over)	
33.* PRODUCTION			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	
9/26/77		Flowing	
WELL STATUS (Producing or shut-in)		SI for pipeline con-	
DATE OF TEST		HOURS TESTED	
11/16/77		3 hrs.	
CHOKE SIZE		PROD'N. FOR TEST PERIOD	
3/4"		4	
OIL—BBL.		GAS—MCF.	
2778		0	
WATER—BBL.		GAS-OIL RATIO	
0		695/1	
FLOW. TUBING PRESS.		CASING PRESSURE	
342#		Pkr	
CALCULATED 24-HOUR RATE		OIL—BBL.	
32		3525	
GAS—MCF.		WATER—BBL.	
65 @ 60			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)			
Sold			
35. LIST OF ATTACHMENTS			
Well Logs, Inclination Survey, Daily Drilling Report			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED		TITLE	
Authorized Agent		DATE	
11/22/77			

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

5 Cys: NMOCC, Aztec

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 33.

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.)

Item 32:

Pf. 5662-5866' - SW frac w/155,000 gals. SW + 552,000# 20/40 sd + 2500 gals. 15% HCl.

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 OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			Drilling Report Summary attached

38.

GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Pictured Cliffs	3788		
Lewis Shale	3900		
Mesa Verde	5660		
Mancos	6149		