

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R3555.

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, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Mobil Oil Corporation				Jicarrilla Contract #98	
3. ADDRESS OF OPERATOR Three Greenway Plaza East, Suite 800, Houston, Texas 77046				7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1149' FSL & 1391' FEL, Unit 0, Sec. 19, T-26-N, R-3-W At top prod. interval reported below At total depth				8. FARM OR LEASE NAME Jicarilla B	
14. PERMIT NO. NSL-793				9. WELL NO. 2-A	
DATE ISSUED 10/4/76				10. FIELD AND POOL, OR WILDCAT Blanco Mesa Verde	
15. DATE SPUDDED 12/21/76				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 19, T-26-N, R-3-W	
16. DATE T.D. REACHED 1/30/77				12. COUNTY OR PARISH Rio Arriba	
17. DATE COMPL. (Ready to prod.) 9/3/77				13. STATE New Mexico	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 7034 GR				19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 6030		21. PLUG, BACK T.D., MD & TVD 6020'		22. IF MULTIPLE COMPL., HOW MANY* —	
23. INTERVALS DRILLED BY —				ROTARY TOOLS X	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Pf. 5408-5486'; 5554-5716'; 5840-5914', Mesa Verde				25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN Compensated Neutron Log				27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
8 5/8"		20#		321'	
4 1/2"		10.5#		6030	
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
12 1/4"		300 sx B			
7 7/8"		2000 sx			
29. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
SACKS CEMENT*		SCREEN (MD)			
30. TUBING RECORD					
SIZE		DEPTH SET (MD)		PACKER SET (MD)	
2 3/8"		5512		Bkr. AR @ 5386'	
				Bkr R @ 5512-16'	
31. PERFORATION RECORD (Interval, size and number)					
5408-5486 1-JSPF (27 holes) 79					
5840-5914 1-JSPF (26 holes) 72					
5554-5716 1-JSPF (35 holes) 71					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
5408-5486		Acidized w/2500 gal. 15% HCL			
5408-5486		Frac w/58500 gal. Versagel+197,000#			
5840-5914		Acidized w/2500 gal. 15% HCL 20/40sd			
5840-5914		Frac. w/82,500 gal. Versagel+296,000#			
33. PRODUCTION (over)					
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)		WELL STATUS (Producing or shut-in) (Waiting on gas connection)	
		Flowing		Shut-in	
DATE OF TEST		HOURS TESTED		CHOKE SIZE	
9/17/77		24		3/4"	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE	
136#					
OIL—BBL.		GAS—MCF.		WATER—BBL.	
tr.		825		tr.	
OIL GRAVITY-API (CORR.)		58.9			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)					
Sold					
TEST WITNESSED BY C. L. Pyle					
35. LIST OF ATTACHMENTS 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		TITLE		DATE	
Virginia Howard		Authorized Agent		9/28/77	

*(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 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: Pf. 5554-5716 1-JSPF (35 holes)

Acidized w/2500 gal.15% HCL.

Frac w/82,000 gal. Versagel + 292,000# 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 OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			See daily drilling report summary attached -	Cliff House	5407'	
				Menefee	5498'	
				Point Lookout	5832'	
				Mancos	5920'	