

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE*

(See other instructions 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. NM 20304	
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 Mesa Petroleum Co.				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 1660 Lincoln St., #2800, Denver, CO 80264				8. FARM OR LEASE NAME South Blanco Federal 23	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 795' FSL - 715' FWL At top prod. interval reported below same At total depth Same				9. WELL NO. #1	
10. FIELD AND POOL, OR WILDCAT Lybrook Gallup Ext.				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 23 - T24N - R8W	
12. COUNTY OR PARISH San Juan				13. STATE New Mexico	
14. PERMIT NO. DATE ISSUED 1/15/81				15. DATE SPUDDED 5/11/81	
16. DATE T.D. REACHED 5/18/81				17. DATE COMPL. (Ready to prod.) 07/08/81	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6841' GL				19. ELEV. CASINGHEAD 6841' GL	
20. TOTAL DEPTH, MD & TVD 5700'		21. PLUG, BACK T.D., MD & TVD 5646'		22. IF MULTIPLE COMPL., HOW MANY* N/A	
23. INTERVALS DRILLED BY 0-5700'				24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Gallup 5473' - 5580'	
25. TYPE ELECTRIC AND OTHER LOGS RUN CNL DEN, DILL, CBL-VDL				26. WAS DIRECTIONAL SURVEY MADE No	
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"		24#		256'	
4 1/2"		10.5#		5687'	
Hole Size		Cementing Record		Amount Pulled	
12 1/4"		170 sxs Class "B"			
7 7/8"		350 sxs 65/35 poz			
		350 sxs 50/50 doz			
		500 sxs 50/50 doz			
29. LINER RECORD				30. TUBING RECORD	
Size	Top (MD)	Bottom (MD)	Sacks Cement*	Size	Depth Set (MD)
N/A				2 3/8"	5885'
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
5521', 23', 37', 39', 71', 73', 75', 77', 79' 1 HPF .32"				Depth Interval (MD)	
5475', 77', 79', 81' 1 HPF .32"				Amount and Kind of Material Used	
5570-80', 5535-41', -5520'-24', 5473'-83' 2 HPF .32"				5475'-5579'	
				70,000 Gal mini-Max III w/	
				125,000# 20/40 sd, 30,000# 10-20 sd	
				& 400 SCF/bbl CO ₂	
33. PRODUCTION					
DATE FIRST PRODUCTION 7/5/81		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping			WELL STATUS (Producing or shut-in) Testing
DATE OF TEST 7/8/81	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—EBL. 38	GAS—MCF. 114
FLOW. TUBING PRESS. 40 psi	CASING PRESSURE 40 psi	CALCULATED 24-HOUR RATE 38	OIL—EBL. 38	GAS—MCF. 114	WATER—EBL. 0
				GAS—OIL RATIO 3000:1	OIL GRAVITY-API (CORR.) 46°
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented for test only				TEST WITNESSED BY Jack Hall	
35. LIST OF ATTACHMENTS					
36. I hereby certify that the foregoing and attached information is complete and correct, as far as it is available records					
SIGNED		TITLE		DATE	
		Div. Production Supervisor		July 8, 1981	

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

NMOCC

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.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORDED 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
Ojo Alamo Kirtland Pict. Cliffs Lewis Cliffhouse Menefee Pt. Lookout Mancos Gallup	1180' 1370' 1940' 2090' 3410' 3460' 4295' 4455' 5300'				
xc: T. L. Slife Gen. Rec. Div. Files C. James NMOCC (5) USGS (5)					