

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 Mesa Petroleum Co.						5. LEASE DESIGNATION AND SERIAL NO. SF - 078316 - F	
3. ADDRESS OF OPERATOR P.O. Box 2009, Amarillo, TX 79189						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1760' FSL & 1850' FWL At top prod. interval reported below At total depth						7. UNIT AGREEMENT NAME	
14. PERMIT NO.						8. FARM OR LEASE NAME State Com	
DATE ISSUED 1/12/78						9. WELL NO. #41	
15. DATE SPUDDED 2/23/78						10. FIELD AND POOL, OR WILDCAT Blanco Pictured Cliffs	
16. DATE T.D. REACHED 4/10/78						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 32, 31 N R 9W	
17. DATE COMPL. (Ready to prod.) 5/1/78						12. COUNTY OR PARISH San Juan	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6349' DF 6350' KB 6341' GL						13. STATE N.M.	
20. TOTAL DEPTH, MD & TVD 3360'		21. PLUG, BACK T.D., MD & TVD 3305'		22. IF MULTIPLE COMPL., HOW MANY*		19. ELEV. CASINGHEAD	
23. INTERVALS DRILLED BY → X						24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3101-06' & 3110'-36'	
25. WAS DIRECTIONAL SURVEY MADE No						26. TYPE ELECTRIC AND OTHER LOGS RUN IES, GR-Cal-FDC-CNL	
27. WAS WELL CORED No						28. CASING RECORD (Report all strings set in well)	
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
8 5/8"		20#		129'		12 1/4"	
3 1/2"		9.5#		3351'		6 1/8"	
						CEMENTING RECORD	
						125 sxs Class "B"	
						850 sxs Lite	
						100 sxs "B"	
						AMOUNT PULLED	
						0	
						0	
29. LINER RECORD						30. TUBING RECORD	
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
						SCREEN (MD)	
31. PERFORATION RECORD (Interval, size and number)						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
3101-06' 3110-36' w/LHPF						DEPTH INTERVAL (MD)	
						3101 - 3136'	
						AMOUNT AND KIND OF MATERIAL USED	
						Acidized w/500 gal 15% HCL	
						w/50 balls	
						Frac'd w/54,000 gal gel wts	
						& 64,500 gals 10-20 sd.	
33.* PRODUCTION						WELL STATUS (Producing or shut-in)	
DATE FIRST PRODUCTION 5/15/78		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing				SI	
DATE OF TEST 5/15/78		HOURS TESTED 4 hrs.		CHOKE SIZE 3/4"		PROD'N. FOR TEST PERIOD →	
						OIL—BBL. 0	
						GAS—MCF. 255	
						WATER—BBL. 0	
						GAS-OIL RATIO N/A	
FLOW. TUBING PRESS. 495		CASING PRESSURE 117		CALCULATED 24-HOUR RATE →		OIL—BBL. 0	
						GAS—MCF. 1528	
						WATER—BBL. 0	
						OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS Open Flow Test						JUN 7 1978	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available data.						U.S. GEOLOGICAL SURVEY DURANGO, COLO. DATE 6/2/78	
SIGNED <u>SE Dohler</u>						TITLE Supervisor, Drlg. & Prod.	

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

USGS (4), Dvr. Off. (1), J.Archer (1), EPNG (1), NM Resources Brd.
D & M, M & M, Les Carnes

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; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Ojo Alamo	1762'	
				Kirtland	1902'	
				Fruitland	2755'	
				Pictured Cliffs	3096'	