

NM OIL CONS. COMMISSION
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See 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 ☐						
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other ☐				
2. NAME OF OPERATOR MESA PETROLEUM CO						3. ADDRESS OF OPERATOR 1000 VAUGHN BLDG. / MIDLAND, TEXAS 79701-4493					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2130' FSL & 1800 FWL At top prod. interval reported below SAME At total depth SAME						14. PERMIT NO. ARTESIA OFFICE 12-14-79					
15. DATE SPUNDED 4-2-81		16. DATE T.D. REACHED 4-29-81		17. DATE COMPL. (Ready to prod.) 8-24-81		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3697.6' GR		19. ELEV. CASINGHEAD 3698'			
20. TOTAL DEPTH, MD & TVD 9210'		21. PLUG, BACK T.D., MD & TVD 9126'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ALL		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 8916'---9020', ATOKA-MORROW			
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-CNFD-DLL						27. WAS WELL CORED NO					
28. CASING RECORD (Report all strings set in well)											
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
13 3/8"		48#		371'		17 1/2"		400 "C"			
8 5/8"		24#		1699'		11"		350 Lt/100 Thixset/350 Lt/200 "C"			
4 1/2"		11.6/10.5#		9205'		7 7/8"		600 Pozmix/300 "H"/300 Poz/100 RFC/300 "C"			
29. LINER RECORD										30. TUBING RECORD	
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE	
										2 3/8"	
										8763'	
31. PERFORATION RECORD (Interval, size and number) 8916'---20' (5); 8984'---88' (5); 3996'---9001' (6); 9004'---06' (3); 9008'; 9016'---20' (5); .38" entry, 24 holes.										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
										DEPTH INTERVAL (MD)	
										8916'---9020'	
										8916'---9020'	
										AMOUNT AND KIND OF MATERIAL USED	
										A/3000 gal 7 1/2% HCL + 50 BS	
										F/30,000 gal Apollo 40 + 16,000#	
										100 mesh SD + 66,000# 20-40 SD	
33.* PRODUCTION											
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) FLOWING						WELL STATUS (Producing or shut-in) SHUT-IN			
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.	
8-24-81		4		-		-		-		117	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.		WATER—BBL.	
1750		1790		-		-		705		-	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED										TEST WITNESSED BY E.L. BUTTROSS, JR.	
35. LIST OF ATTACHMENTS C-122, RECORD OF INCLINATION											
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records											
SIGNED R. E. Math		TITLE REGULATORY COORDINATOR U.S. GEOLOGICAL SURVEY						DATE 9-2-81			

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

xc: USGS (6), TLS, CEN RCDS, ACCTG, MEC, LAND, HOBBS, FILE, REM

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
SHALE	6000'	6420'	Carbonate Shale - small gas increase
LS/SS	8800'	9020'	Sand and coal - small gas increase

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
WC BURSUM	7309	
STRAWN	8359	
ATOKA	8791	
MORROW	8972	