

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

SUBMIT TO 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 ☐ NOV 22 1978

2. NAME OF OPERATOR
Mesa Petroleum Co

3. ADDRESS OF OPERATOR
1000 Vaughn Building/ Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1650' FNL & 1650' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

15. DATE SPUDDED 4-4-78 16. DATE T.D. REACHED 5-30-78 17. DATE COMPL. (Ready to prod.) 7-27-78 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3399 RKB 3384 GR 19. ELEV. CASINGHEAD 3384

20. TOTAL DEPTH, MD & TVD 12,007 21. PLUG, BACK T.D., MD & TVD 11,963' 22. IF MULTIPLE COMPL., HOW MANY* - 23. INTERVALS DRILLED BY - ROTARY TOOLS A11 CABLE TOOLS -

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* 11,834'---11,966' 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DLL-GR/ BHCS-GR/ CNL-FDC-GR 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
16	65	220	20"	400 sx Class "C"	-
10-3/4	40.5	1780	14-3/4"	1200 sx Class "C"+200 sx C	-
7-5/8	26.4-29.7	8545	9-1/2"	350 sx LW + 200 sx H	-

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5	8214	12,006	525 "H"		2-3/8	11,795'	11,775'

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
11,834'-836'	3 holes			DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11,906'-912'	7 holes			11834---11966	A/3000 gal 10% HCL + N ₂
11,915'-933'	19 holes	0.41" entry dia.		11834---11966	F/54-00 gal weak acid + 48000# of 20-40 mesh sand & beads
11,964'-966'	3 holes				

33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)				WELL STATUS (Producing or shut-in)	
7-1-78		Flowing				Shut In	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
8-22-78	7	14/64		-	175	12	-
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	
550	Pkr		-	600	41		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented TEST WITNESSED BY L. Davis

35. LIST OF ATTACHMENTS C-104, BHP Buildup (before and after fracture treatment on 7-26-78),

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Michael P Houston TITLE Division Engineer DATE 11-18-78

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

XC: JLF, MEC, FILE, JWH, JBH, USGS, W.I. OWNERS