

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved. *File*
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.						OCT 21 1980	
3. ADDRESS OF OPERATOR 1000 Vaughn Building / Midland, Texas 79701						O. C. D.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 990' FNL & 1980' FEL At top prod. interval reported below Same At total depth Same						ARTESIA OFFICE	
14. PERMIT NO. <i>OCT 16 1980</i>						DATE ISSUED 4-2-80	
15. DATE SPUDDED 7-26-80						16. DATE T.D. REACHED 8-11-80	
17. DATE COMPLETED 10-7-80						18. SURFACE ELEVATIONS (DF, RKB, RT, GR, ETC.)* 2' GR	
20. TOTAL DEPTH, MD & TVD 3500'						21. PLUG BACK T.D., MD & TVD 3460'	
22. IF MULTIPLE COMPLETIONS, HOW MANY* <i>2</i>						23. INTERVALS DRILLED BY <i>ALL</i>	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION---TOP, BOTTOM, NAME (MD AND TVD)* 2876' ----- 3351', ABO						25. WAS DIRECTIONAL SURVEY MADE NO	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-RXO-DLL-/ GR-FDC-CNL / GR-CBL-CCL						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"		24#		726'		12 1/2"	
4 1/2"		10.5#		3500'		7 7/8"	
29. LINER RECORD				30. TUBING RECORD			
SIZE		TOP (MD)		BOTTOM (MD)		SIZE	
						2 3/8"	
						2806'	
31. PERFORATION RECORD (Interval, size and number) 2876 ----87,2992 ----- 3007,3308 ---12 3330 ----33, 3343 ----51; .33" entry; 41 holes				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
				2876' ---3351'		A/6,000 gals 7 1/2% MS + 1000 SCF/bbl N2 + 86 B.S	
				2876' --- 3351'		F/50,000 gals foam + 50,000# 20-40 sd	
33.* PRODUCTION							
DATE FIRST PRODUCTION 9-15-80		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) SI	
DATE OF TEST 10-7-80		HOURS TESTED 3		CHOKE SIZE 8/64		PROD'N. FOR TEST PERIOD →	
FLOW. TUBING PRESS. 790		CASING PRESSURE 792		CALCULATED 24-HOUR RATE →		OIL—BBL. 45	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented		35. LIST OF ATTACHMENTS C-122, Record of Inclination				TEST WITNESSED BY E. L. Buttross	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records						DATE 10-15-80	
SIGNED <i>R. P. [Signature]</i>						TITLE <i>Regulatory Coordinator</i>	

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

XC: USGS (5), MEC, TLS, LMC, JBH, JWH, FILE

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
Lime / sd	2878'	2889'	Probable Hydrocarbons	Glorieta	613'	
Lime / sd	2992'	3007'	Probable Hydrocarbons	Yeso ABO	796' 2846'	

MESA PETROLEUM CO
ROCK FEDERAL NO. 5
990' FNL & 1980' FEL
Sec. 18, T8S, R23E
Chaves County, New Mexico

RECEIVED
OCT 21 1980
O. C. D.
ARTESIA, OFFICE

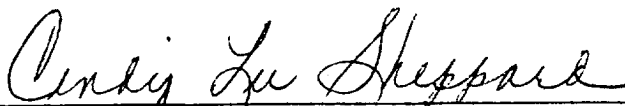
RECORD OF INCLINATION

<u>Depth (Feet)</u>	<u>Deviation (Degrees)</u>
314	1/2
728	2
821	1-1/2
1228	1-1/4
1507	1/2
2035	1/4
2476	1/2
3500 TD	1



By R. E. MATHIS, Regulatory Coordinator

Subscribed and sworn to before me this 15th day of October, 1980.



Notary Public in and for Midland, County,
Texas

Commission Expires 8-1-81