

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 ☐	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐		Other ☐	
2. NAME OF OPERATOR MESA PETROLEUM CO. /		FEB 19 1981	
3. ADDRESS OF OPERATOR 1000 VAUGHN BUILDING/MIDLAND, TEXAS 79701		U.S. GEOLOGICAL SURVEY ROSWELL, NEW MEXICO	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2280' FSL & 660' FEL At top prod. interval reported below SAME At total depth SAME		14. PERMIT NO. DATE ISSUED 12. COUNTY OR PARISH CHAVES 13. STATE NEW MEXICO	
15. DATE SPUDDED 11-2-80	16. DATE T.D. REACHED 11-12-80	17. DATE COMPL. (Ready to prod.) 2-3-81	18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 4103.8' GR
19. ELEV. CASINGHEAD 4104'	20. TOTAL DEPTH, MD & TVD 3450'		
21. PLUG, BACK T.D., MD & TVD 3320'		22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS ALL
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2771'---2891', ABO			25. WAS DIRECTIONAL SURVEY MADE NO
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-CLL GR-CNL-FDC, DLL/RXO			27. WAS WELL CORED NO
28. CASING RECORD (Report all strings set in well)			
CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8 5/8"	24#	991'	12 1/4"
4 1/2"	10.5#	3440'	7 7/8"
CEMENTING RECORD			
AMOUNT PULLED			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
SCREEN (MD)			
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8"	2854'		
31. PERFORATION RECORD (Interval, size and number)			
2883'---2891', .33 entry, 9 holes			
2771'---2821', .33 entry, 26 holes			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
2883'---2891'		3000 gals 7 1/2% Morr. Flow/20,000 gals	
2771'---2821'		75 Qua. Foam+20,000#20-40Sd	
		6000 gals 7 1/2% Morr. Flow/48,000 gals	
		75% Qua. Foam+50,000#20-40Sd	
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
2-3-81	2 3/4	--	TSTM
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.
800	805	---	999
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		TEST WITNESSED BY	
VENTED		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 <u>R. E. Nathan</u>		TITLE <u>REGULATORY COORDINATOR</u>	
		DATE <u>FEBRUARY 10, 1981</u>	

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

XC: USGS (6), MEC, TLS, CEN RCDS, ACCTG, HOBBS, M&L, PARTNERS, D&M, FILE, TRANSWESTERN PIPELINE

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 38, 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	TOP	TRUE VERT. DEPTH
				GLORIETTA	497		
				YESO	670		
				ABO	2728		
				HUECO	3310		

MESA PETROLEUM CO.
BARN FEDERAL #1
2280' FSL & 660' FEL
SEC 12, T8S, R22E
CHAVES COUNTY, NEW MEXICO

RECORD OF INCLINATION

<u>(Depth)</u>	<u>(Deviation)</u>
140'	1/2°
320'	1/2°
540'	1 3/4°
992'	3 3/4°
1524'	3/4°
2020'	3/4°
2581'	1/4°
3109'	1°
3450'	1 1/2°

C.C. Wheeler
C. C. WHEELER, DIVISION ENGINEER

Subscribed and sworn to before me this 10th day of February, 1981.

Cindy L. Sheppard
Notary Public in and for Midland County
Texas.

Commission Expires: 7-27-81