

UNITED STATES NM OIL CONS. COMMISSION
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY Artesia, NM 88210Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM-36644	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR MESA PETROLEUM CO. ✓		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 1000 VAUGHN BUILDING/MIDLAND, TX 79701-4493		8. FARM OR LEASE NAME DEBBIE FEDERAL	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FNE & 990' FNE		9. WELL NO. 6	
At top prod. interval reported below At total depth SAME		10. FIELD AND POOL, OR WILDCAT UNDESIGNATED ABO	
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SEC 29, T7S, R23E		12. COUNTY OR PARISH CHAVES	
13. STATE NEW MEXICO		14. PERMIT NO. O. C. D. ARTESIA OFFICE	
15. DATE SPUDDED 7-25-82	16. DATE T.D. REACHED 7-29-82	17. DATE COMPL. (Ready to prod.) 8-16-82	18. ELEVATIONS (DF, RKB, BT, GR, ETC.)* 3946' GR, 3959' RKB
19. ELEV. CASINGHEAD 3946'	20. TOTAL DEPTH, MD & TVD 3231'		
21. PLUG, BACK T.D., MD & TVD 2975'	22. IF MULTIPLE COMPL., HOW MANY* -	23. INTERVALS DRILLED BY ALL	24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2780' --- 2912', ABO
25. WAS DIRECTIONAL SURVEY MADE NO			26. TYPE ELECTRIC AND OTHER LOGS RUN GR-CLL/GR-CNL-FDC
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#	1388'	12 1/4"
4 1/2"	10.5#	3026'	7 7/8"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8"	2858'		
31. PERFORATION RECORD (Interval, size and number)			
2780', 84', 85', 86', 2808', 11', 12', 13', 15', 16', 17', 18', 22', 90', 91', 2903', 04', 05', 06', 07', 08', 09', 10', 11', 12'; total of 25 holes 3 1/8" csg gun 1 JSPF			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
2780'---2912'		A/4000 gals 7 1/2% HCl + 65 BS	
2780'---2912'		F/33,000 gals Super Foam 400 + 37,000 gals N2 + 172,500# 20/40 sd + 60,000# 10/20 sd	
33. PRODUCTION			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	
-		FLOWING	
DATE OF TEST		HOURS TESTED	
8-16-82		4	
CHOKE SIZE		FROD'N. FOR TEST PERIOD	
-		-	
OIL—BBL.		GAS—MCF.	
-		308	
WATER—BBL.		GAS-OIL RATIO	
-		-	
FLOW. TUBING PRESS.		CASING PRESSURE	
628		686	
CALCULATED 24-HOUR RATE		OIL—BBL.	
-		GAS—MCF.	
-		1847	
WATER—BBL.		OIL GRAVITY-API (CORR.)	
-		-	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED			
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. Matthews, Jr.		TITLE REGULATORY COORDINATOR	
ROSWELL, NEW MEXICO		SEP 28 1982	

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

XC: MMS (7), TLS, CEN RCDS, ACCTG, MEC, MAH, D&M, MTS (3), LMC, CTY, ROSWELL, EEB, REM, K, TW, 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:			38. GEOLOGIC MARKERS			
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.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
	NOT LOGGED			GLORIETA	524'	
				YESO	728'	
				TUBB	2078'	
				ABO	2724'	

MESA PETROLEUM CO.
DEBBIE FEDERAL #6
660' FNL & 990' FEL, SEC 29, T7S, R23E
CHAVES COUNTY, NEW MEXICO

RECORD OF INCLINATION

<u>DEPTH</u>	<u>DEVIATIONS</u>
515'	1°
1100'	1½°
1873'	1½°
2374'	1½°
2874'	1 3/4°

R. E. Mathis by Michael P. Houston
R. E. MATHIS, REGULATORY COORDINATOR

Subscribed and sworn to before me this 18th day of August, 1982.

Pat Moore
Notary Public in and for Midland
County, Texas.

Commission Expires: JUNE 26, 1985