

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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.				OIL & GAS MINERALS MGMT. SERVICE ROSWELL, NEW MEXICO	
3. ADDRESS OF OPERATOR		1000 VAUGHN BUILDING/MIDLAND, TX 79701-4493				RECEIVED OCT 22 1982 O.C.D.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*		At surface 990' FEL- & 1850' FSL				14. PERMIT NO. DATE ISSUED ARTESIA, OFFICE 6-9-82	
At top prod. interval reported below		SAME				12. COUNTY OR PARISH 13. STATE CHAVES NEW MEXICO	
At total depth		SAME				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SEC 12, T7S, R22E	
15. DATE SPUNDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD			
7-16-82	7-27-82	8-23-82	4205' GR, 4218' RKB	4205'			
20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS		
3126'	3075'	-	ALL	-	-		
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*				25. WAS DIRECTIONAL SURVEY MADE			
2918' --- 3023', ABO				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	CEMENTING RECORD		AMOUNT PULLED	
8 5/8"	24#	1460'	12 1/4"	4950/900/1350			
4 1/2"	10.5#	3120'	7 7/8"	350			
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD		
					SIZE	DEPTH SET (MD)	
					2 3/8"	2811'	
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
2918', 50', 51', 52', 53', 54', 55', 3014', 15', 16', 17', 20', 21', 22', 23'; 15 holes 3 1/8" csg gun 1 JSPF				DEPTH INTERVAL (MD)			
				AMOUNT AND KIND OF MATERIAL USED			
				2928'---3023' A/2400 gals 7 1/2% HCL acid + 38 BS.			
				2928'---3023' F/3800 gals X-link gel KCl & CO2 + 61,500# 20/40 sd + 58,500# 10/20 sd			
33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			WELL STATUS (Producing or shut-in)		
-		FLOWING			SHUT-IN		
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	
8-23-82	1	-	→	-	3	-	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
15	25	→	-	71	-	-	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)				TEST WITNESSED BY			
VENTED				E. L. BUTTROSS, JR.			
35. LIST OF ATTACHMENTS				(ORIG. SGD) DAVID R. GLASS			
C-122, RECORD OF INCLINATION				OCT 19 1982			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED		TITLE		DATE			
R. P. Nathan		U.S. GEOLOGICAL SURVEY ROSWELL, NEW MEXICO		10-8-82			

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; CORRO 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
	NOT LOGGED			GLORETTA	614	
				YESO	785	
				TUBB	2220	
				ABO	2854	

MESA PETROLEUM CO.
CAROL FEDERAL #2
1850' FSL & 990' FEL, SEC 12, T7S, R22E
CHAVES COUNTY, NEW MEXICO

RECORD OF INCLINATION

<u>DEPTH</u>	<u>DEVIATIONS</u>
577'	$\frac{1}{4}^{\circ}$
1475'	$1\frac{1}{4}^{\circ}$
2024'	$3/4^{\circ}$
2783'	$3/4^{\circ}$
3126'	$3/4^{\circ}$



R. E. MATHIS, REGULATORY COORDINATOR

Subscribed and sworn to before me this 8th day of October, 1982.

Notary Public in and for Midland
County, Texas.

Commission Expires: _____