

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(See other in-
structions 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.						7. UNIT AGREEMENT NAME O. C. D.	
3. ADDRESS OF OPERATOR 1000 Vaughn Building / Midland, Texas 79701						8. FARM OR LEASE NAME Wells Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2080' FNL & 1650' FEL At top prod. interval reported below Same At total depth Same						9. WELL NO. 2	
14. PERMIT NO. U.S. GEOLOGICAL SURVEY ARTESIA, NEW MEXICO						10. FIELD AND POOL, OR WILDCAT Diamond Mound Undesignated Atoka	
15. DATE SPUDDED 10-6-79						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 11, T16S, R27E	
16. DATE T.D. REACHED 11-3-79						12. COUNTY OR PARISH Eddy	
17. DATE COMPL. (Ready to prod.) 1-28-80						13. STATE New Mexico	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3642' GR						19. ELEV. CASINGHEAD 3643'	
20. TOTAL DEPTH, MD & TVD 8912'		21. PLUG, BACK T.D., MD & TVD 8821'		22. IF MULTIPLE COMPL., HOW MANY* →		23. INTERVALS DRILLED BY ALL	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 8,678' --- 8,706' Atoka						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN DLL/MSFL, CNL/FDC						27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)							
CASINO SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
13-3/8"		48#/54.5#		356'		17-1/2"	
8-5/8"		24#		1587'		11"	
4-1/2"		10.5#/11.6#		8911'		7-7/8"	
CEMENTING RECORD		AMOUNT PULLED					
400sx "C" +2% CaCl +1/4#		flocelle					
200sx Thick-set/650 LTWT		200 "C"					
1500sx "H"							
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	8636'	8625.66'
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
8678'-8690', 13 holes 8703'-8706', 4 holes] .38" entry, 17 holes				DEPTH INTERVAL (MD)			
				8678'---8706'			
				8678'---8706'			
				AMOUNT AND KIND OF MATERIAL USED			
				A/ 2000 gals 7.5% MS123 in			
				8 stages w/ 6 BS			
				F/18,050 gals Versagel + 11,000#			
				20-40 Mesh Sand + Beads			
33.* PRODUCTION							
DATE FIRST PRODUCTION 12-4-79		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut-In	
DATE OF TEST 2-13-80	HOURS TESTED 4	CHOKE SIZE 7/64	PROD'N. FOR TEST PERIOD →	OIL—BBL. --	GAS—MCF. 64.8	WATER—BBL. --	GAS-OIL RATIO Dry
FLOW. TUBING PRESS. 1360	CASING PRESSURE Packer	CALCULATED 24-HOUR RATE →	OIL—BBL. --	GAS—MCF. 388	WATER—BBL. --	OIL GRAVITY-API (CORR.) --	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented						TEST WITNESSED BY J. Davis	
35. LIST OF ATTACHMENTS C-122, Inclination Report							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED R. E. Mathis		TITLE Regulatory Coordinator				DATE 3-4-80	

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

XC: USGS (6), TLS, MEC, JBH, JWH, LMC, FILE, CENTRAL RECORDS, ACCOUNTING

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
Not Logged	2968'	2980'	Fair Permiability / Low water	Glorigeta	2958'	
Dolomite/Lime	6382'	7430'	Intermittent Fair Perm/some gas Fl & Cut	Tubb	4312'	
Limestone/Shale	7518'	7740'	Possible hydrocarbons/ Fair perm	Abo	5058'	
Limestone/Shale	7900'	8074'	Possible hydrocarbons/ Low perm	Wolfcamp	6270'	
Limestone/Shale	8250'	8460'	Possible hydrocarbons/ Low perm	WC Bursum	7090'	
Sand/Lime/Shale	8680'	8706'	Probable hydrocarbons/ Good to low perm	Strawn	8074'	
				Atoka	8500'	
				Miss Ch Sh	8706'	
				Miss Ch Sh	8847'	

FIELD _____ COUNTY Eddy OCC NUMBER _____
OPERATOR Mesa Petroleum Co. ADDRESS 1000 Vaughn Building, Midland, Tx. 79701
LEASE Wells Federal WELL NUMBER #2
SURVEY 2080' FNL & 1650' FEL, Sec. 11, T-16-S, R-27-E

RECORD OF INCLINATION

<u>DEPTH (FEET)</u>	<u>ANGLE OF INCLINATION (DEGREES)</u>
350	1/2
639	0
933	1/2
1160	1/2
1399	3/4
1587	3/4
2118	1
2612	1/4
3108	1/2
3965	2 1/4
4234	1 3/4
4730	1/4
5235	1 1/4
5732	2
6080	2
6572	1 3/4
7104	1 1/2
7450	1 3/4
7951	1 1/4
8601	1 1/2
8912	1 1/2

Certification of personal knowledge inclination data:

I hereby certify that I have personally assembled the data and facts placed on this form, and such information given above is true and complete to the best of my knowledge.

HONDO DRILLING COMPANY

BY: [Signature]
Walter Frederickson
Vice President

Sworn and subscribed to before me the undersigned authority, on this the

15th day of November, 1979.

[Signature]
Margaret B. Anderson

Notary Public in and for Midland County, Texas.