

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY N.M.O.C.D. COPY

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 _____		RECEIVED	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		RECEIVED	
2. NAME OF OPERATOR Mesa Petroleum Co		JAN 11 1980	
8. ADDRESS OF OPERATOR 1000 Vaughn Building / Midland, Texas 79701		O. C. D. ARTESIA OFFICE	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1980' FSL & 660' FWL At top prod. interval reported below Same At total depth Same		RECEIVED JAN 9 1980	
14. PERMIT NO. U.S. GEOLOGICAL SURVEY ARTESIA, NEW MEXICO		DATE ISSUED 3-79	
15. DATE SPURRED 7-18-79	16. DATE T.D. REACHED 8-23-79	17. DATE COMPL. 10-9-79	18. ELEVATIONS (DF, RKB, RT, GR, ETC.) * 3497.6' GR 3515' RKB
20. TOTAL DEPTH, MD & TVD 9554'	21. PLUG, BACK T.D., MD & TVD 9472'	22. IF MULTIPLE COMPL., HOW MANY * -	23. INTERVALS DRILLED BY ROTARY TOOLS A11
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) * 9051' 9073' --- 9157' Atoka			25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN CNL-FDC, DLL/MSFL, GR-CCL-CBL			27. WAS WELL CORED No
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
13-3/8"	54.5#	355'	17-1/2"
8-5/8"	24#	1700'	12-1/4"
5-1/2"	15.5 & 17#	9584'	7-7/8"
CEMENTING RECORD		AMOUNT PULLED	
75 sx RFC/375 sx "C"		-	
600 sx DLW/300 sx "C"		-	
1650 sx "H"/1350 sx 50-50		poz -	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-3/8	8991	8980.65'	
31. PERFORATION RECORD (Interval, size and number)			
9051'---9157', 0.39" entry, 20 holes			
1 JSPF at 9051'-9058', 9073', 9077', 9112', 9120', 9136'-42', and 9157'.			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
9051'---9157'		A/3500 gals MOD 202	
9051'---9157'		A/4000 gals MOD 202 + 3000 gals	
		15% NE-FE	
33.* PRODUCTION			
DATE FIRST PRODUCTION 9-17-79		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
WELL STATUS (Producing or shut-in) SI			
DATE OF TEST 12-12-79	HOURS TESTED 4	CHOKE SIZE 2/64	PROD'N. FOR TEST PERIOD →
OIL—BBL. -	GAS—MCF. 41	WATER—BBL. -	GAS-OIL RATIO Dry
FLOW. TUBING PRESS. 2040	CASING PRESSURE PKR	CALCULATED 24-HOUR RATE →	OIL—BBL. -
GAS—MCF. 247	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. P. [Signature]		TITLE Regulatory Coordinator	
DATE 1-8-80			

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

XC: TLS, JWH, MEC, FILE, USGS, D&M, JBH, WI OWNERS

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.), formations 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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Dolomite	1800	2200	Possible oil
Dolomite/Sh	2860	3250	Oil shows
Limestone/Sh	7120	8020	DST: open 3/8" choke, 2 psi steady IH/FH 3896 ISIP 299 IF 92-115 FF 138 FSI 483 Rec 150' DF, Ø Gas, 1450 cc mud
Sand/Lm/Sh	9202	9397	DST: Open 3/8" choke GTS in 10" 14 psi drop to 2 psi IH/FH 4678 IF 144-234 ISI 3216 FF 234-415 FSI 3541 Sample Chamber/300 psi 387 cu.ft.gas 1300 cc GCM - Rec 900' GCM

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Queen	732	732
San Andres	1568	1568
Glorietta	2884	2884
Yeso	3143	3143
Tubb	4386	4386
Abo	5050	5050
Wolfcamp	6260	6260
WC Bank	7386	7386
Canyon	8042	8042
Strawn	8644	8644
Atoka	8954	8954
Morrow	9202	9202
Miss Chester/Sh	9378	9378
Miss Lime	9514	9514