

NM OIL CONS. COMMISSION

Dr. DEPARTMENT OF THE INTERIOR
Artesia, NM 88210

88210

UNITED STATES

SUBMIT IN DUPLICATE

(See 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. CESVR. ☐ Other ☐

2. NAME OF OPERATOR MESA PETROLEUM CO. /

OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

3. ADDRESS OF OPERATOR 1000 VAUGHN BUILDING/MIDLAND, TEXAS 79701-4493

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

14. PERMIT NO. DATE ISSUED
8-7-81

5. LEASE DESIGNATION AND SERIAL NO.

NM 36647

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

MACHO FEDERAL

9. WELL NO.

7

10. FIELD AND POOL, OR WILDCAT

UNDESIGNATED ABO

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

SEC 11, T7S, R23E

12. COUNTY OR

CHAVES

13. STATE

NEW MEXICO

15. DATE SPUDDED 8-17-81 16. DATE T.D. REACHED 8-22-81 17. DATE COMPL. (Ready to prod.) 10-1-81 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3895.8' GR 19. ELEV. CASINGHEAD 3895'

20. TOTAL DEPTH, MD & TVD 3500' 21. PLUG, BACK T.D., MD & TVD 3425' 22. IF MULTIPLE COMPL., HOW MANY* - 23. INTERVALS DRILLED BY ALL 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE NO

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

2962'---2995', ABO

DEC 15 1981

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-CLL/GR-CNL-FDC

27. WAS WELL CORED

NO

28. CASING RECORD (Report all casing sizes and depths)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	1600'	12 1/4"	800HLW/300Thixset/200"C"/3100Thixset	-
4 1/2"	10.5#	3500'	7 7/8"	300 HLW/375 Pozmix	-

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	2864'	-

31. PERFORATION RECORD (Interval, size and number)

2962', 64', 68'-72', 76', 76', 85', 87', 89', 91', 93', 95; total of 16 holes

3 1/8" csg gun 1 JSPF

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2962'---2995'	A/2500Gal 7 1/2%HCL+35BS
2962'---2995'	F/20200Gal gelled 2%KCL+ 10000Gal
	CO ₂ + 12,000# 100 Mesh Sd +
	77,100# 20-40 Mesh 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.	GAS-OIL RATIO
10-1-81	1	-	→	-	-	-	-
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
250	510	→	-	CAOF=270	FOR RECORD	-	

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. Markes

TITLE REGULATORY COORDINATOR

DATE OCTOBER 13, 1981

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

XC: USGS (6), TLS, CEN RCDS, ACCTG, MEC, LAND, D&M, MTS (3), LMC, CTY, EEB, PARTNERS, REM, ROSWELL, TW, K, 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 33.

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: "Seals 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.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
NOT LOGGED				GLORIETA	718'	
				YESO	897'	
				TUBB	2271'	
				ABO	2914'	

MESA PETROLEUM CO.
MACHO FEDERAL #7
1980' FSL & 660' FWL, SEC 11, T7S, R23E
CHAVES COUNTY, NEW MEXICO

RECORD OF INCLINATION

<u>(DEPTH)</u>	<u>(DEVIATIONS)</u>
426'	1/2°
932'	3/4°
1400'	3/4°
1600'	3/4°
2060'	3/4°
2558'	3/4°
3020'	1°
3500'	1°

R. E. Mathis

BY: R. E. MATHIS, REGULATORY COORDINATOR

Subscribed and sworn to before me this 13th day of October, 1981.

Don Moore

Notary Public in and for Midland County,
Texas.

Commission Expires: June 26, 1985

