

UNITED STATES

SUBMIT IN DUPLICATE

Form approved.
Budget Bureau No. 42-R355.5.DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(See instructions on
reverse side)

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. RESER. ☐ Other _____

2. NAME OF OPERATOR

Mesa Petroleum Co.

3. ADDRESS OF OPERATOR

1000 Vaughn Building / Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with well state requirements)

At surface 1980' FSL & 660' FEL

At top prod. interval reported below SAME

At total depth SAME

ACCEPTED FOR RECORD
APR 6 1981
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

14. PERMIT DATE ISSUED

2-4-81

5. LEASE DESIGNATION AND SERIAL NO.

NM 14987

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

GARCIA FEDERAL

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

*UNDESIGNATED ABO

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

SEC 11, T8S, R24E

12. COUNTY OR PARISH

CHAVES

18. STATE

NEW MEXICO

15. DATE SPUDDED 2-6-81 16. DATE T.D. REACHED 2-22-81 17. DATE COMPL. (Ready to prod.) 3-18-81 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3585.3' GR 19. ELEV. CASINGHEAD 3585'

20. TOTAL DEPTH, MD & TVD 4890' 21. PLUG, BACK T.D., MD & TVD 3593' 22. IF MULTIPLE COMPLEMENTS, HOW MANY? 23. INTERVALS DRILLED BY ALL ROTARY TOOLS CABLE TOOLS

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

3404'---3414', ABO

APR 07 1981

25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-CCL/GR-FDC-CNL

O. C. D.
ARTESIA, OFFICE

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
13 3/8"	48#	560'	17 1/2"	350/100/350/200/600	-
8 5/8"	24#	1820'	11"	350/200/350/200/350/300/50	-
4 1/2"	10.5#	3658'	7 7/8"	450/300	-

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	3383'	-

31. PERFORATION RECORD (Interval, size and number)

3404'---3414', .25" entry, 11 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3404'---3414'	A/1000Gal 7-1/2% HCl + 15BS
3404'---3414'	F/16,000Gal 75% Qual Foam + 12,800# 20-40 SD

33.* PRODUCTION

83.

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	
3-18-81	3 1/2	-	→	-	43	-	-	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORE.)		
560	580	→	-	295	-	-		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

VENTED

TEST WITNESSED BY

E. L. BUTTROSS, JR.

35. LIST OF ATTACHMENTS

C-102, 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. P. Mathews

TITLE

REGULATORY COORDINATOR

DATE MARCH 27, 1981

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

XC: USGS (6), TLS, CEN RCDS, ACCTG, ROSWELL, MEC, LAND, PARTNERS, 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.)

* Remarks: Well originally permitted for Penn Wildcat.

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	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			San Andres	283	
			Glorieta	1116	
			Tubb	2562	
			Abo	3256	
			Hueco	3912	
			Basement	4697	

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

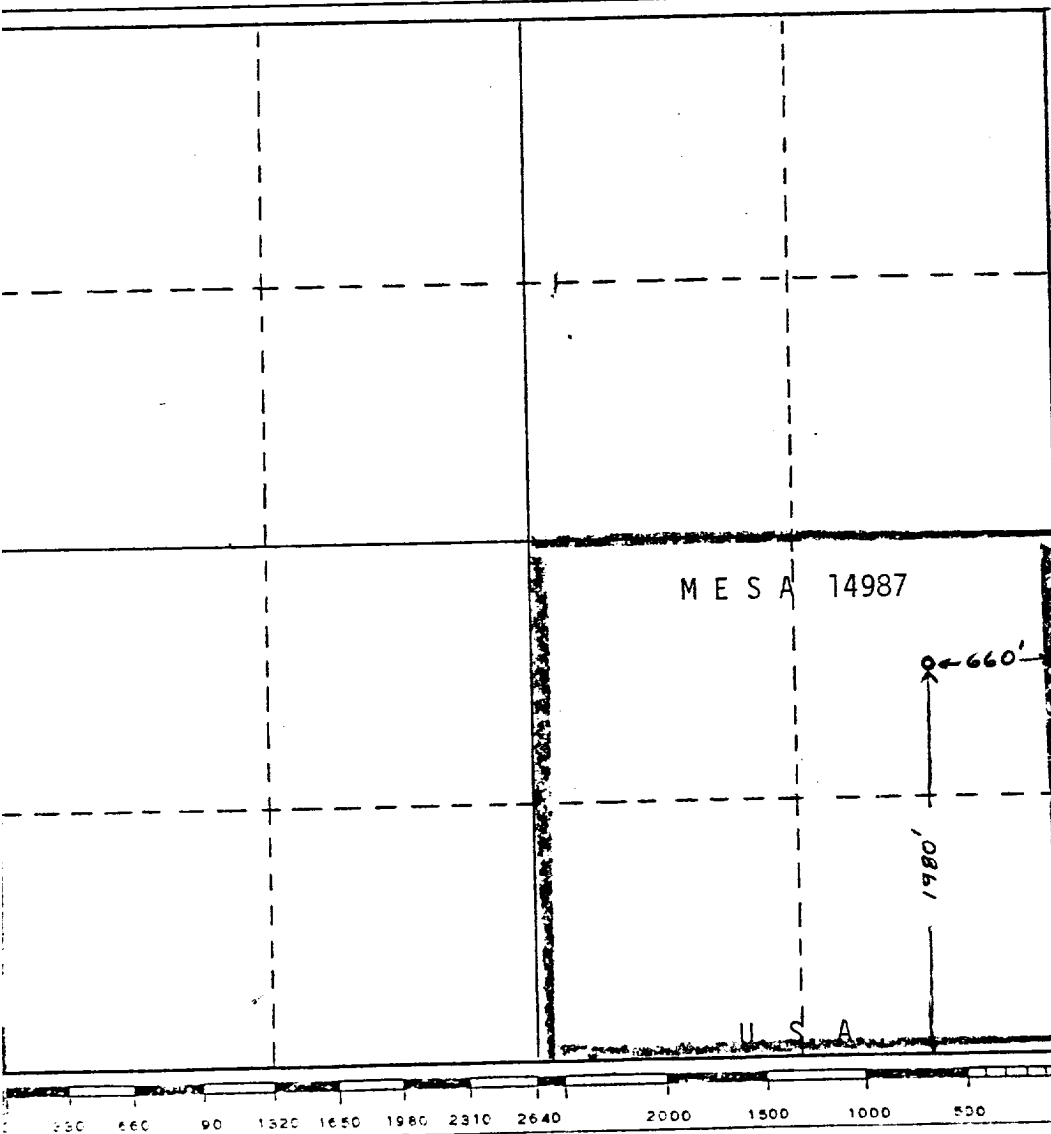
Operator Mesa Petroleum Co.		Lease GARCIA FEDERAL		Well No. 1	
Section 11	Township 8 South	Range 24 East	County Chaves		
Actual Footage Location of Well: 1980 feet from the South line and 660 feet from the East line					
Sound Level Elev. 3585.3'	Producing Formation Abo	Pool Undesignated	Dedicated Acreage: SE/4 160 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

R. E. Mathis

Name

R. E. Mathis

Position

Regulatory Coordinator

Company

Mesa Petroleum Co.

Date

March 27, 1981

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

J. West

Certificate No.

MESA PETROLEUM CO.
GARCIA FEDERAL #1
1980' FSL & 660' FEL, SEC 11, T8S, R24E
CHAVES COUNTY, NEW MEXICO

RECORD OF INCLINATION

<u>(Depth)</u>	<u>(Deviation)</u>
317'	1 1/2°
576'	1°
1110'	2 1/4°
1471'	2 1/2°
1822'	2 1/2°
2333	2 1/2°
3014'	2 3/4°
3573'	2 3/4°
4850'	4 1/2°

C. C. Wheeler
BY: C. C. WHEELER, DIVISION ENGINEER

Subscribed and sworn to before me this 31st day of March, 1981.

Cindy Lee Sheppard
Notary Public in and for Midland County,
Texas.

Commission Expires: 7-27-81