

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(See instructions on
reverse side)Form approved.
Budget Bureau No. 42-R355.6.

5. LEASE DESIGNATION AND SERIAL NO.

NM 33943

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

MELENA FEDERAL

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

WILDCAT ABO

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

SEC 15, T9S, R24E

12. COUNTY OR
PARISH

CHAVES

13. STATE

NEW MEXICO

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.

3. ADDRESS OF OPERATOR

1000 VAUGHN BUILDING/MIDLAND TX 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface 660' FNL & 1980' FWL

At top prod. interval reported below

SAME

At total depth

SAME

14. PERMIT NO.

DATE ISSUED

2-4-81

15. DATE SPUDDED

2-9-81

16. DATE T.D. REACHED

2-23-81

17. DATE COMPL. (Ready to prod.)

7-8-81

18. ELEVATIONS (DF, REB, RT, GR, ETC.)*

3589.9' GR

19. ELEV. CASINGHEAD

3590'

20. TOTAL DEPTH, MD & TVD

3776'

21. PLUG, BACK T.D., MD & TVD

3745'

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

ALL

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

3368'---3390', ABO

25. WAS DIRECTIONAL
SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-CCL/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
13 3/8"	48#	871'	17 1/2"	400LT/100Thixset/450Lt/200	"C" -
8 5/8"	24#	1600'	11"	350 Lt/400Thixset/350Lt/300	"C" -
4 1/2"	10.5#	3775'	7 7/8"	450Lt/300Pozmix	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	3320'	-

31. PERFORATION RECORD (Interval, size and number)

3368'---3390', .25" entry, 23 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3368'---3390'	A/2000GaT 7 1/2% HCL +35BS
	F/40,000GaT 75QuaT Foam+60,000#
	20/40Sd

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
7-8-81	1 HOUR	-	→	-	-	-	-
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
100	100	→	-	CAOF = 42	-	-	

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

VENTED

TEST WITNESSED BY

E.L. BUTTROSS, JR.

35. LIST OF ATTACHMENTS

C-122, C-102 (ABO), 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. Martin

TITLE

REGULATORY COORDINATOR

DATE AUGUST 3, 1981

XC: USGS (4), TLS, (See Instructions and Spaces for Additional Data on Reverse Side), LMC, CTY, EEB, TW, K, ROSWELL, FILE

ROSWELL, NEW MEXICO

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				SAN ANDRES GLORIETA ABO	215' 1085' 3237'	

WELL LOCATION AND ACREAGE DEDICATION PLAT

Effective 1-1-85

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

Owner Mesa Petroleum Co.		Lease MELANA FEDERAL		Well No. 7	
Section C	Section 15	Township 9 SOUTH	Range 24 EAST	County CHAVES	
Location of Well: 660 feet from the NORTH line and 1980 feet from the WEST line					
Producing Formation ABO		Pool WILDCAT		Dedicated Acreage: NW/4 160 Acres	

Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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.

1980'	660'
EMCELS A	
ET AL	
NM 33943	

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

7-29-87

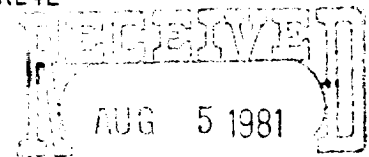
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer
and/or Land Surveyor

Certificate No.

MESA PETROLEUM CO.
MELENA FEDERAL #1
660' FNL & 1980' FWL, SEC 15, T9S, R24E
CHAVES COUNTY, NEW MEXICO



RECORD OF INCLINATION

OIL & GAS
NEW MEXICO GEOLOGICAL SURVEY
JEWELL, NEW MEXICO

DEPTH

DEVIATIONS

295'	1°
900'	3/4°
1280'	6°
1390'	6°
1464'	6°
1515'	6°
1600'	5 1/4°
1914'	4 1/2°
2410'	2 1/2°
3776'	2°

A handwritten signature in cursive script, appearing to read "R. E. Mathis".

BY: R. E. MATHIS, REGULATORY COORDINATOR

Subscribed and sworn to before me this 3rd day of August, 1981.

A handwritten signature in cursive script, appearing to read "Joe Moore".

Notary Public in and for Midland County, Texas.

Commission Expires: 6-26-85