

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

API NO. 30-039-024023

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

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. REVR. ☐ Other JUL 07 1986

2. NAME OF OPERATOR

Mesa Grande Resources, Inc.

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

3. ADDRESS OF OPERATOR

P. O. Box 274, Farmington, New Mexico 87499-0274

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

At surface (P) 790' FEL & 790' FSL

At top prod. interval reported below

At total depth

14. PERMIT NO.

OIL COM. DIV.
DIST. 3

5. LEASE DESIGNATION AND SERIAL NO.

NM-43749

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal Guardian

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT
Gavilan Pictured
Cliffs Extension

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

Section 5, T25N, 2W

12. COUNTY OR PARISH

13. STATE

Rio Arriba New Mexico

15. DATE SPUDDED

3-28-86

16. DATE T.D. REACHED

3-31-86

17. DATE COMPL. (Ready to prod.)

5-2-86

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

7382' KB

19. ELEV. CASINGHEAD

7370' GL

20. TOTAL DEPTH, MD & TVD

3953'

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

3909'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

0-3953'

CABLE TOOLS

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

3792' (Top) to 3903' (Bottom) Pictured Cliffs

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction, FDC/CNL, Cyberlook

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
8-5/8"	24#, J-55	335'	12-1/4"	350 sxs (413 cu.ft)	Circ to surf
4-1/2"	10.5#, J-55	3950' KB	7-7/8"	210 sxs (382.4 cu.ft.)	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
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30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	3830'	----

31. PERFORATION RECORD (Interval, size and number)

Pictured Cliffs: Total 18 holes
2 JSPF from 3850'-3859'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3850'-3859'	700 gal 15% HCl w/additives & 36 - 7/8" ball sealers.
Fracd w/29,	400 gal 70 Q foamed 2% KCl &
35,000# 20/40 sd.	AIR 35 BPM, ATP 1700

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
		Swabbing/Flowing					Shut-In	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO	
4-26-86		1/4"	→	---	---	---	---	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)		
50	100	→	--	75	15	---		
34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY		

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

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

*SEE REMARKS OTHER SIDE

ACCEPTED FOR RECORD

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

David Blandford

TITLE Petroleum Engineer

JUL 25 1986
DATE 7-03-86

FARMINGTON RESOURCE AREA

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

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	MEAS. DEPTH	TOP TRUE VERT. DEPTH
REMARK: Vented, Test was conducted during frac cleanup operations while still getting frac fluid returns. A pitot tube was used to gauge gas. Well is currently logged off. A sundry notice will be submitted when a good test is obtained.					San Jose Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Total Depth		Surface 3533' 3614' 3696' 3792' 3903' 3953'