

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See instructions on
reverse side)

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

NM-64606

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

PROHIBITION FEDERAL UNIT

8. FARM OR LEASE NAME, WELL NO.

PROHIBITION FEDERAL UNIT #3

9. API WELL NO.

30-025-32142

10. FIELD AND POOL, OR WILDCAT

BOOTLEG RIDGE, DELAWARE, NM

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

SEC. 12, T22S, R32E

12. COUNTY OR
PARISH

LEA

13. STATE

NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ N.M. Oil Cons. Division

b. TYPE OF COMPLETION:

NEW
WELL ☐

WORK
OVER ☐

DEEP-
EN ☐

PLUG
BACK ☒

DIFF.
RENR. ☒

P.O. Box 1980

Hobbs, NM 88241

2. NAME OF OPERATOR

MARALO, INC.

3. ADDRESS AND TELEPHONE NO.

P. O. BOX 832, MIDLAND, TX 79702

(915) 684-7441

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

At surface 990' FEL & 1980' FNL

At top prod. interval reported below

SAME

At total depth

SAME

14. PERMIT NO.

DATE ISSUED

15. DATE COMPLETED
08/03/98

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

08/13/98

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

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD
13,780'

21. PLUG, BACK T.D., MD & TVD
11,540'

22. IF MULTIPLE COMPL.,
HOW MANY*

23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
8820 - 8835' DELAWARE

25. WAS DIRECTIONAL
SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN
GR/CBL/CCL

27. WAS WELL CORRED

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54#	1200'	17-1/2"	950 SXS CIRC'D	
9-5/8"	36#	4750'	12-1/4"	1750 SXS CIRC'D	
7"	26 & 29#	12050'	8-1/2"	1600 SXS TOC @ 3560'	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	11638'	15209'	300 SXS CIRC'D		2-7/8"	8738'	8738'

31. PERFORATION RECORD (Interval size and depth)

8820 - 8835' (32 HOLES)

(ORIG. SGD.) GARY GOURLEY

BLM

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
13,600'	SET 4 1/2" CIBP W/35' CEMENT
11,688 - 11,516'	25 SX PLUG ACROSS 4 1/2" LINER TOP
8,820 - 8,835'	1500 GALS 7 1/2% MCA, FRAC'D W/11,000 GALS YF130 W/29,000# 20/40 RESIN SAND

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
08/13/98		FLOWING				PRODUCING	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
09/02/98	24	18/64"		28	73	-0-	2607
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
90 PSI	-					44.2	

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

SOLD

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

SUNDRY DETAILING OPERATIONS

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

SIGNED Donna Lagan

TITLE REGULATORY ANALYST

DATE SEPTEMBER 9, 1998

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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.
SURFACE ROCK & REDBED ANHYDRITE	0	860	
SALT	860	1950	
ANHY & SALT	1950	3135	
ANHY	3135	4325	
	4325	5800	
DOLomite	5800	6911	
DOLO & SAND	6911	7700	
E & SAND	7700	8750	
SHALE & LIME	8750	9125	
SAND & LIME	9125	9775	
SHALE & LIME	9775	10465	
DOLO & LIME	10465	11450	
LIME, SHALE & SAND	11450	12050	
SAND & LIME	12050	12340	
SHALE & LIME	12340	12590	
SHALE	12590	12970	
SHALE & LIME	12970	13200	
SHALE	13200	13535	
CHERT, LIME & SHALE	13535	13835	
LIME	13835	13847	
LIME & SHALE	13847	14028	
LIME	14028	14133	
LIME & SHALE	14133	14274	
LIME, SHALE, CHERT	14274	14324	
LIME & SHALE	14324	14387	
LIME, SHALE & SAND	14387	14473	
LIME & SHALE	14473	14647	
LIME, SHALE & SAND	14647	14905	
SAND	14905	14912	
SHALE & SAND	14912	14944	
LIME, SHALE & SAND	14944	15198	
SHALE & LIME	15198	15220	

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
RUSTLER	930'	+2707'
BELL CANYON SS	4727'	-1090'
CHERRY CANYON SS	5607'	-1970'
MANZANITA MARKER	5933'	-2296'
BRUSHY CANYON SS	6884'	-3247'
BONE SPRING MARKER	8663'	-5026'
AVALON SAND	8820'	-5193'
1ST BONE SPRING SAND	9815'	-6178'
2ND BONE SPRING SAND	10408'	-6781'
3RD BONE SPRING SAND	11778'	-8151'
STRAWN	13450'	-9813'
ATOKA CLASTICS	13620'	-9983'
ATOKA LIME	13842'	-10,205'
MORROW CLASTICS	14212'	-10,575'
ZONNE SAND	14408'	-10,763'
PADUCA SAND	14568'	-10,931'
LOTOS SAND	14710'	-11,073'
TEAL SAND	14834'	-11,197'
LOWER MORROW	14938'	-11,301'