

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN 1 LOCATE
(See other instructions on reverse side)

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

LEASE DESIGNATION AND SERIAL NO.

NM-81616

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO. 1
CEDAR CANYON "10" FEDERAL

9. API WELL NO.

30-015-27366

10. FIELD AND POOL, OR WILDCAT

CEDAR CANYON BONE SPRINGS

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

SEC. 10, T24S, R29E,

12. COUNTY OR PARISH

EDDY

13. STATE

NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

1b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other ☐

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 1650' FWL & 880' FNL

At top prod. interval reported below 1650' FWL & 880' FNL

At total depth 1650' FWL & 880' FNL

14. PERMIT NO. DATE ISSUED
03-17-93

15. DATE SPUDDED 06-18-93 16. DATE T.D. REACHED 07-06-93 17. DATE COMPL. (Ready to prod.) 07-25-93 18. ELEVATIONS (DP, RKB, RT, GR, ETC.)* 3040.8 19. ELEV. CASINGHEAD -

20. TOTAL DEPTH, MD & TVD 8025' 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., ACCEPTED FOR NOV 22 1993 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 7821 - 7910' BONE SPRINGS 25. WAS DIRECTIONAL SURVEY MADE YES

26. TYPE ELECTRIC AND OTHER LOGS RUN CBL/GR/CCL 27. WAS WELL CORRED YES

28. CASING RECORD (Report all strings set in well)
CBL/GR/CCL CARLSBAD, NEW MEXICO

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.5#	450'	17-1/2"	CIRC'D - 500 SX CLASS "C"	
8-5/8"	32#	2900'	12-1/4"	SURF. - 1610' SX CLASS "C"	
5-1/2"	17#	8024'	7-7/8"	±847' - 660 SX HALCO LT + 440 SX 50/50 POZ MIX	

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	7965'	7706'

31. PERFORATION RECORD (Interval, size and number)
7821' - 7910' (21 holes)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL (MD) 7821 - 7910'
AMOUNT AND KIND OF MATERIAL USED 68,000 GALS SPECTRAFRAC GEL
FRAC AFTER 1500 GALS 7 1/2% NEFE ACID.

33. PRODUCTION
DATE FIRST PRODUCTION 07-26-93 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) FLOWING WELL STATUS (Producing or shut-in) PRODUCING

DATE OF TEST 10-21-93 HOURS TESTED 24 CHOKER SIZE PROD'N. FOR TEST PERIOD 396 OIL—BBL. 580 GAS—MCF. WATER—BBL. GAS-OIL RATIO 1465
FLOW. TUBING PRESS. 1400 CASING PRESSURE - CALCULATED 24-HOUR RATE - OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORE.) 40.8

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) SOLD TEST WITNESSED BY PHILLIP SMITH

35. LIST OF ATTACHMENTS
C-104, LOGS, INCLINATION REPORT, TEMPERATURE SURVEY

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

SIGNED Deanthia Owens TITLE REGULATORY ANALYST DATE OCTOBER 22, 1993

*(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.
ANHY & SALT	450	1617	
ANHY	1617	2145	
ANHY & SALT	2145	2900	
ANHY	2900	4942	
SAND & SHALE	4942	6203	
SHALE	6203	6790	
TIME & SHALE	6790	7735	
ME	7735	8024	

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE SUBSE VERT. DEPTH
LAMAR	3078	20.5
RETL. CANYON	3108	50.5
CHERRY CANYON	4190	1132.5
BRUSHY CANYON	5510	2452.5
BONE SPRINGS	6806	3750.5
1ST BONE SPRINGS	7812	4754.4