

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONS COMMISSION
SUBMIT IN **DD**
ARTESIA, NM
Instructions on
reverse side)

FOR APPROVED
882100MB NO. 1004-0137
Expires: December 31, 1991

451

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☒ DEEP-EN ☐ PLUG BACK ☒ DIFF. REVR ☐
2. NAME OF OPERATOR: **MARALO, INC.**
3. ADDRESS AND TELEPHONE NO.: **P. O. BOX 832, MIDLAND, TX 79702** (915) **684-2442**
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):
At surface **660' FNL & 860' FEL, SEC. 8, T25S, R29E**
At top prod. interval reported below **660' FNL & 860' FEL**
At total depth **660' FNL & 860' FEL**

5. LEASE DESIGNATION AND SERIAL NO.: **NM-55929**
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT AGREEMENT NAME:
8. FARM OR LEASE NAME, WELL NO.: **EXXON "8" FEDERAL #1**
9. API WELL NO.: **30-015-25894**
10. FIELD AND WELLS, OR WILDCAT: **ST. WILLIAM Lake BS**
UNDESIG. BONE SPRING
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: **SEC. 8, T25S, R29E**

14. PERMIT NO.: DATE ISSUED:
15. DATE STUDDERED: **05-09-94** 16. DATE T.D. REACHED: **06-07-88** 17. DATE COMPL. (Ready to prod.): **05-26-94** 18. ELEVATIONS (DF, RKB, RT, CR, ETC.): **2934.4** 19. ELEV. CASINGHEAD:
20. TOTAL DEPTH, MD & TVD: **13,879** 21. PLUG BACK T.D., MD & TVD: **9716'** 22. IF MULTIPLE COMPL., HOW MANY?: 23. INTERVALS DRILLED BY: **0-13,777** ROTARY TOOLS: CABLE TOOLS:
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: **8542' - 8601' BONE SPRING (2ND)** 25. WAS DIRECTIONAL SURVEY MADE: **NO**
26. TYPE ELECTRIC AND OTHER LOGS RUN: **GR/CBL/CCL** 27. WAS WELL CORRED: **NO**

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
20"	94# & 133#	637'	26"	1800 SX CIRC'D	0
13-3/8"	68#	2875'	17-1/2"	2700 SX CIRC'D	0
9-5/8"	43.5, 47, 53.5#	10,100'	12-1/4"	900 SX	0

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
7-5/8"	9785'	13,777'	900 SXS	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	8643'	-

31. PERFORATION RECORD (Interval, size and number)

SHOT 1 JSPF 8542', 8544', 8551', 8553', 8555', 8571', 8575', 8578', 8585', 8591', 8593', 8595', 8601'. TOTAL 13 HOLES.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
12,150	CIBP SET IN 7-5/8" CSG W/35' CMT TOP
9861 - 9691	170' CEMENT PLUG SET W/55 SXS.
8591 - 8503	SPOTTED 300 GALS 7 1/2% MUD REMOV. ACID
8542 - 8601	ACID'D W/1200 GALS 7 1/2% ACID, FRAC'D W/

33.* PRODUCTION

DATE FIRST PRODUCTION: **06-01-94** PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump): **PUMPING 2" X 1 1/2" X 20' ROD PUMP** WELL STATUS (Producing or shut-in): **PRODUCING**

DATE OF TEST: **06-27-94** HOURS TESTED: **24** CHOKER SIZE: PROD'N. FOR TEST PERIOD: OIL—BSL: **68** GAS—MCF: **54** WATER—BSL: **58** GAS-OIL RATIO: **794**

FLOW, TUBING PRESS.: CASING PRESSURE: CALCULATED 24-HOUR RATE: OIL—BSL: GAS—MCF: WATER—BSL: OIL GRAVITY-API (CORR.): **44.0**

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

35. LIST OF ATTACHMENTS: **C-102, C-104**

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

SIGNED: **Dorothea Owens** TITLE: **REGULATORY ANALYST** DATE: **JUNE 28, 1994**

*(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.
Lamar LM.	2860'	2906'	Limestone
Canyon	2906'	3756'	Sandstone w/Shale & Limestreaks
Cherry Canyon	3756'	5390'	Sandstone w/Lime Streaks
Brushy Canyon	5390'	6656'	Sandstone w/Lime & Shale Streaks
Bone Springs	6656'	7566'	Lime, Shale & Sand
st Bone SpringsSD	7566'	8384'	Sand w/Shale & Lime Streaks
is Bone SpringsSD	8384'	9452'	Sand w/Lime Streak
d Bone SpringsSD	9452'	9852'	Sand & Shale
Wolfcamp	9852'	12164'	Limestone w/Shale Streaks
Strawn	12164'	12381'	Sand & Lime
Upper Atoka	12381'	12491'	Sand w/Shale & Lime Streaks
Atoka Bank	12491'	12518'	Limestone
Middle Atoka	12518'	12552'	Shale Sand & Limestone
Lower Atoka	12552'	12986'	Shale w/Sand & Lime Streak
Upper Morrow	12986'	13366'	Shale & Sand
Middle Morrow	13366'	13644'	Shale & Sand
Lower Morrow	13644'	13650'	T.D. Sand, Shale, Chert & Lime

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE
			DEPTH
Lamar LM.	2860'		
Bell Canyon	2906'		
Cherry Canyon	3756'		
Brushy Canyon	5390'		
Bone Springs	6656'		
Wolfcamp	9852'		
Strawn	12164'		
Upper Atoka	12381'		
Atoka Bank	12491'		
Middle Atoka	12518'		
Lower Atoka	12552'		
Upper Morrow	12986'		
Middle Morrow	13366'		
Lower Morrow	13644'		
T.D.	13650'		