

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil & Gas
1301 W. 1st St.
Alamogordo, NM 88501

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NM-92180

a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resrv.,
Other _____

2. Name of Operator

MARALO, LLC (014007)

3. Address

P. O. BOX 832, MIDLAND, TX 79702

3a. Phone No. (include area code)

(915) 684-7441

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 660' FNL & 1650' FEL, SEC. 31, T23S, R30E, EDDY COUNTY, NEW MEXICO

UNIT B

At top prod. interval reported below

SAME

At total depth SAME

14. Date Spudded

09/12/01

15. Date T.D. Reached

09/25/01

16. Date Completed

☐ D & A ☒ Ready to Prod.
11/15/01

18. Total Depth: MD 7303'
TVD 7303'

19. Plug Back T.D.: MD 7247'
TVD 7247'

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

GR/AIT, GR/CBL/CCL

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2	13-3/8 K-55	54.50		670	670	280 35/65 POZ C	112.7	CIR. TO SURF.	-
						250 "C" (TAIL)	59.6		
12-1/4	8-5/8 J-55	32#		3235	3235	900 50/50 POZ	376.6	CIR. TO SURF.	
						200 "C" (TAIL)	47.3		
7-7/8	5-1/2 K-55	15.5, 17		7303	7303	580 35/65 POZ C	222.0	3840' CBL	
						250 "C" (TAIL)	58.7		

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8	7068	-						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BRUSHY CANYON	5858	7158	7085 - 7095	4 JSPF	41	OPEN
B)						

Acid, Fracture, Treatment, Cement Squeeze, Etc.

Amount and Type of Material

Depth Interval	Amount and Type of Material
7095 - 6345	SPOT 750 GALS 7 1/2% MCO ACID
7085 - 7095	FRAC'D PERFS W/65,000 GALS 30# X-LNKD GEL + 184,000# 16/30 SD + 70,000# 16/30 CURABLE RESIN-COATED SD.

28. Production - Interval A

28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
11/15/01	11/20/01	24	→	90	201	211	43.1	.727	PUMPING
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→				2233	PRODUCING	ACCEPTED FOR RECORD

28a. Production - Interval B

28a. Production - Interval B										DEC 6 2001	
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production	Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	ALEXIS C. SWOBODA PETROLEUM ENGINEER		

ACCEPTED FOR RECORD

DEC 8 2001

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

Date NOVEMBER 29, 2001

Name (please print) _____

DOROTHEA LOGAN

REGULATORY ANALYST Title

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions).

1. Electrical/Mechanicals (1 full set req'd.)
2. Geologic Report
3. DST Report
4. Directional Survey
5. Sundry Notice for plugging and cement-ventilation
6. Core Analysis
7. Other:

33. Circle enclosed attachments:

32. Additional remarks (include plugging procedure):

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top	Meas. Depth
	0	670	REDDED & ROCK	LAMAR LS	3394'	
	670	2025	ANHY & SALT	BELL CANYON SS	3424'	
	2025	2434	ANHY	CHERRY CANYON SS	4256'	
	2434	3179	ANHY & SALT	BRUSHY CANYON SS	5858'	
	3179	3235	ANHY	"LOVING" SS	7061'	
	3235	3411	60% ANHY, 40% LIME	BONE SPRING	7158'	
	3411	4316	50% SAND, 30% LIME			
	4316	5233	80% SAND, 10% SHALE, 10% LIME			
	5233	6510	SAND			
	6510	7035	90% SAND, 10% LIME			
	7035	7303	LIMESTONE			

RECEIVED
2001 NOV 30 AM 11 29
BUREAU OF LAND MGMT.
CARLSBAD FIELD OFFICE

LMAR LS 3394
BELL CANYON SS 3424
CHERRY CANYON SS 4256
BRUSHY CANYON SS 5858
"LOVING" SS 7061
BONE SPRING 7158

31. Formation (Log) Markers

30. Summary of Porous Zones (Include Aquifers):

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.

30. Summary of Porous Zones (Include Aquifers):

SOLD

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

280. Production - Interval C									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	Production Method
			↖	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			↖	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

28b. Production - Interval C