

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OPERATOR'S COPY

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
MARALO, LLC (014007)

3. Address and Telephone No.
P. O. BOX 832, MIDLAND, TX 79702 (915) 684-7441

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**1980' FNL & 330' FEL, SEC 31, T23S, R30E, EDDY CO., NM
UL. H**

5. Lease Designation and Serial No.
NM-92180

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
GOLD RUSH "31" FEDERAL #2 (21118)

9. API Well No.
30-015-30787

10. Field and Pool, or Exploratory Area
NASH DRAM; BRUSHY CANYON (47545)

11. County or Parish, State
EDDY CO, NEW MEXICO

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other COMMENCE DRILLING OPERATIONS
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

11/24/99 ROAD AND LOCATION COMPLETE. CELLAR INSTALLED. 40' - 20" CONDUCTOR SET & CEMENTED TO SURFACE. RATHOLE & MOUSEHOLE DRILLED. PITS LINED. PREP TO MI, RU WEK DRILLING RIG #1.

11/25/99 REDBED. SPUD WELL @ 9:00 PM MST 11/24/99. LOST CIRCULATION @ 12.15AM MST 11/25/99. 4 HRS WO WATER.

11/26/99 REDBED. 610' IN 11-1/4 HRS. DEPTH OUT 650'. TOH & SLM, 3-1/2 HRS RU CASERS & RAN 13-3/8" GUIDE SHOE + 1 JT 13-3/8" 54.5# K-55 ST&C + 13-3/8" FLOAT COLLAR + 14 JTS 13-3/8" 54/5# K-55 ST&C CSG. SET @ 650'. CEMENT 13-3/8" CST W/12 BBLs GEL SPACER + 200 SXS CLASS "H" W/12# GILS, 1% CACL, 1/4# CF + 365 SXS CLASS "C" W/1/4# CF, 6% BEN, 2% CACL + 200 SXS CLASS C W/2% CACL. CEMENT DID NOT CIRCULATE. 4 HRS. WOC. 1-1/4 HR RIH W/1" & TAG 150' CEMENT W/50 SXS CLASS "C" W/6% CACL, 1-1/2 HRS. WOC & TAG @ 139'. 1/2 HR. CEMENT W/50 SXS CLASS "C" W/6% CACL, 1-1/2 HRS WOC.

11/27/99 SALT. 1/2 HR. RUN 1" & TAG @ 100'. 1 HR CEMENT W/60 SXS CLASS "C" W/6% CACL, 1-1/2 HRS WOC. RIH, TAG @ 42', CEMENT W/48 SXS CLASS "C" W/6% CACL & CIRCULATE 13 SXS CEMENT TO PIT. ALL CEMENT WITNESSED BY JIM AMOS, BLM/CARLSBAD, NM. 3-3/4 HRS CUT OFF 13-3/8" CSG, 8-1/2 HRS WELD ON 13-3/8" HEAD, TEST TO 1000 PSI. NU HYDRIL. 1-1/2 HRS TIH W/BIT #2. 1-1/4 HR DRILLED CEMENT & FLOAT, START DRILLING CEMENT @ 12:00 AM MST 11/27/99. START DRILLING FORMATION @ 1:15AM MST 11/27/99.

14. I hereby certify that the foregoing is true and correct

Signed *Donna L. Logan* Title REGULATORY ANALYST Date NOVEMBER 29, 1999

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

NM-92180

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
GOLD RUSH "31" FEDERAL #2 (21118)

9. API WELL NO.
30-015-30787

10. FIELD AND POOL, OR WILDCAT
MASH DRAW; BRUSHY CANYON (47545)

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
SEC 31, T23S, R30E

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 _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. REMV. Other _____

2. NAME OF OPERATOR
MARALO, LLC (014007)

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 UNIT H
1980' FNL & 330' FEL of SEC. 31, T23S, R30E, EDD CO. NM
At top prod. interval reported below
SAME
At total depth
SAME

14. PERMIT NO. _____ DATE ISSUED _____

15. DATE SPUDDED 11/24/99 16. DATE T.D. REACHED 12/07/99 17. DATE COMPL. (Ready to prod.) 01/06/00 18. ELEVATIONS (DF, RKB, RT, OR, ETC.)* 3157' 19. ELEV. CASINGHEAD ----

20. TOTAL DEPTH, MD & TVD 7328' 21. PLUG BACK T.D., MD & TVD 7287' PBTD 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS 0 - TD CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
7157 - 7253' LOVING SAND 25. WAS DIRECTIONAL SURVEY MADE
NO

26. TYPE ELECTRIC AND OTHER LOGS RUN
GR/CNL/LDT & GR/AIT, GR/CNL, GR/CBL/CCL 27. WAS WELL CORED
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
13-3/8 K-55	54.50#	650'	17 1/2"	200 SX CL H + 565 SX CL C - NO CIRC. +	
8-5/8 K-55	32#	3310'	12 1/2"	208 SX CL C IN 1". CIRC 13 SX TO PIT	
5-1/2 J&K-55	15.5# & 17#	7328'	7-7/8"	800 50/50 POZ C, TAIL W/200 CL "C"	
				450 SX POZ CL C, TAIL W/250 POZ CL C. (TOC @ 1420')	

29. LINER RECORD 30. TUBING RECORD BY TEMP SURVEY

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	7253'	-

31. PREPARATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7157 - 7253'	ACIDIZE W/1500 GALS 7 1/2% MCA
7157 - 7253'	FRAC'D W/34,000 GALS 35# XLKD GEL W/ 101,500# 16/30 MESH OTTAWA SD + 19,000# 16/30 MESH RESIN COAT SD.

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
01/06/00	PUMPING 2" X 1 1/2" X24' PUMP	PRODUCING					
DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
01/11/00	24	-	→	148	113	132	764
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
-	-	→					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
SOLD TEST WITNESSED BY DENNIS MANN (MARALO, LLC)

35. LIST OF ATTACHMENTS

TEMPERATURE SURVEY, DEVIATION SURVEY, C-104, LOGS (2 SETS OF 2)

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

SIGNED Dorndrea Logan TITLE REGULATORY ANALYST DATE JANUARY 20, 2000
DORNDREA LOGAN

*(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):

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
	-0-	650	REDBED			
	650	3310	ANHY & SALT			
	3310	4530	SAND & DOLO	LAMAR LIME	3466'	(-299')
	4530	6640	SAND & SHALE	BELL CANYON SS	3494'	(-327')
	6640	7328	SAND	CHERRY CANYON SS	4352'	(-1185')
				MANZANITA MARKER	4500'	(-1333')
				BRUSHY CANYON SS	5956'	(-2789')
				LOVING SS	7147'	(-3980')
				BONE SPRING LIME	7264'	(-4097')

WORKING INTEREST PARTICIPANTS

**GOLD RUSH "31" FEDERAL #2
EDDY COUNTY, NEW MEXICO**

OPERATION: DRILL AND COMPLETE

WI PARTICIPANT	WORKING INTEREST	APPROVAL DATE
LOWE PARTNERS, LP P.O. BOX 832 MIDLAND, TX 79702	.66666670	9/15/99
APACHE CORPORATION ATTN: JANELLE MANLEY 2000 POST OAK BLVD, SUITE 100 HOUSTON, TX 77056	.26682630	NON-CONSENT 10/7/99
LOUIS DREYFUS NAT GAS 14000 QUAIL SPRINGS PRKWY SUITE 600 OKLAHOMA CITY, OK 73134	.06650700	10/26/99



January 20, 2000

New Mexico Energy Minerals and Natural
Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

RECEIVED

JAN 24 REC'D

OIL CONSERVATION DIV.
SANTA FE

RE: Application for New Well Status
Gold Rush "31" Federal #2
API No. 30-015-30787
Eddy County, New Mexico

Dear Sir:

Submitted herein is Form C-142 (original and 2 copies) Application for New Well Status for the above referenced well with the following attachments in triplicate:

Form 3160-5 BLM approved Sundry Notice showing date/time of drilling commencement
Form 3160-4 BLM Well Completion Report showing well was completed as a producer
List of Working Interest Owners with their percentage interests

Should you have further Certification of Approval questions regarding this well, please do not hesitate to call me.

Sincerely,

A handwritten signature in cursive script that reads "Dorothea Logan".

Dorothea Logan
Regulatory Analyst
Maralo, LLC

Enclosures (4 sets of 3 sheets)