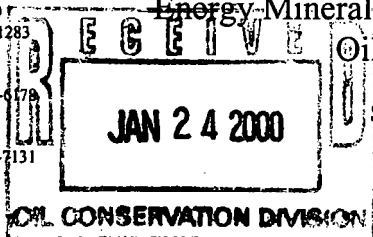


1577

District I - (505) 393-6161  
1625 N. French Dr  
Hobbs, NM 88241-1980  
District II - (505) 748-1283  
811 S. First  
Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Road  
Aztec, NM 87410  
District IV - (505) 827-7131

New Mexico

Energy, Minerals and Natural Resources Department



Oil Conservation Division

2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

Form C-142

Date 06/99

SUBMIT ORIGINAL  
PLUS 2 COPIES  
TO THE SANTA FE  
OFFICE

APPLICATION FOR NEW WELL STATUS

I. Operator and Well

Operator name & address <b>MARALO, LLC</b> <b>P. O. BOX 832, MIDLAND, TEXAS 79702</b>							OGRID Number <b>014007</b>		
Contact Party <b>DOROTHEA LOGAN, REGULATORY ANALYST</b>							Phone <b>(915) 684-7441</b>		
Property Name <b>GOLD RUSH "31" FEDERAL</b>					Well Number <b>2</b>		API Number <b>30-015-30787</b>		
UL	H	Section	Township	Range	Feet From The	North/South Line	Feet From The	East/West Line	County
		<b>31</b>	<b>23S</b>	<b>30E</b>	<b>1980</b>	<b>NORTH</b>	<b>330'</b>	<b>EAST</b>	<b>EDDY</b>

II. Date/Time Information

Spud Date <b>11/24/99</b>	Spud Time <b>9:00PM MST</b>	Date Completed <b>01/06/00</b>	Pool <b>NASH DRAW; BRUSHY CANYON (47545)</b>
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III. Attach copies of Form C-103 or Federal Form 3160-5 showing date/time of drilling commenced and Form C-105 or Federal Form 3160-4 showing well was completed as a producer.

IV. Attach a list of all working interest owners with their percentage interests.

V. AFFIDAVIT:

State of TEXAS )

ss.

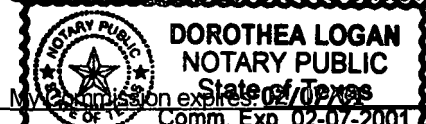
County of MIDLAND )

**RICHARD A. GILL**, being first duly sworn, upon oath states:

1. I am the Operator, or authorized representative of the Operator, of the above-referenced well.
2. To the best of my knowledge, this application is complete and correct.

Signature [Signature] Title PETROLEUM ENGINEER Date JANUARY 20, 2000

SUBSCRIBED AND SWORN TO before me this 20TH day of JANUARY, 2000.



[Signature]  
Notary Public

FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a New Well. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval.

Signature <u>[Signature]</u>	Title <u>P.E. Spe.</u>	Date <u>MAR 06 2000</u>
---------------------------------	---------------------------	----------------------------

VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: 3/6/00

NOTICE: The operator must notify all working interest owners of this New Well certification.

PV2V2010832055

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

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 DRAW; BRUSHY CANYON (47545)

11. County or Parish, State

EDDY CO., NEW MEXICO

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

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

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other **COMMENCE DRILLING OPERATIONS**  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ 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 \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

Date \_\_\_\_\_

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

NASH 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

## 1A. TYPE OF WELL:

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other \_\_\_\_\_

## 1B. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. REMOVAL ☐ 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 &amp; 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 &amp; TVD

7328'

## 21. PLUG, BACK T.D., MD &amp; 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 &amp; 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. +	
				208 SX CL C IN 1". CIRC 13 SX TO PIT	
8-5/8 K-55	32#	3310'	12 1/2"	800 50/50 POZ C, TAIL W/200 CL "C"	
5-1/2 J&K-55	15.5# & 17#	7328'	7-7/8"	450 SX POZ CL C, TAIL W/250 POZ CL C. (TOC @ 1420'	

## 29. LINER RECORD

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)

7157 - 7253' (20 HOLES)

## 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 1½" X24' PUMP				PRODUCING	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BDL.	GAS—MCF.	WATER—BDL.	GAS-OIL RATIO
01/11/00	24	-	→	148	113	132	764
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BDL.	GAS—MCF.	WATER—BDL.	OIL GRAVITY-API (CORR.)	
-	-	→					

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

SOLD

## TEST WITNESSED BY

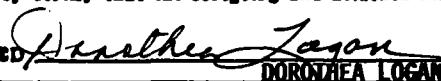
DENNIS MANN (MARALO, LLC)

## 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

  
DORETHA LOGAN

TITLE REGULATORY ANALYST

DATE JANUARY 20, 2000

\*(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.
	-0-	650	REDBED
	650	3310	ANHY & SALT
	3310	4530	SAND & DOLO
	4530	6640	SAND & SHALE
	6640	7328	SAND

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
LAMAR LIME	3466'	(-299')
BELL CANYON SS	3494'	(-327')
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**

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



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, appearing to read "Dorothea Logan".

Dorothea Logan  
Regulatory Analyst  
Maralo, LLC

Enclosures (4 sets of 3 sheets)