

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil & Gas Division

811 S. 1st Street
Artesia, NM 88210-2834

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

MARBOB ENERGY CORPORATION

3. Address and Telephone No.

P.O. DRAWER 217 ARTESIA, NEW MEXICO 88210

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1345 FNL 1345 FWL SEC 26 T-17-S R-29-S UNIT F

5. Lease Designation and Serial No.

LC028784 - C

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

NMNM8525X

8. Well Name and No.

BURCH KEELY UNIT #170

9. API Well No.

30-015-03114

10. Field and Pool, or Exploratory Area

GRBG JACKSON SR Q GRBG SA

11. County or Parish, State

EDDY COUNTY, NM

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
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

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.)*

- 1) SET 5 1/2 CIBP AT 3250' CAP W/35' CEMENT
- 2) LOAD HOLE W/MUD
- 3) SPOT 30 SACKS AT 7" 2755' SHOE AND 5 1/2 LINER TOP TAG CEMENT TOP AT 2600'
- 4) PERFERATE 7" CASING AT BOTTOM SALT 764' SQUEEZE W/50 SACKS TAG CEMENT TOP AT 660'
- 5) PERFERATE 7' CASING AT 8 5/8 SHE 440' SQUEEZE W/50 SACKS TAG CEMENT TOP AT 260' THIS PLUG WILL ALSO COVER THE TOP OF SALT AT 314'
- 6) PERFERATE 7" CASING AT 50' CIRCULATE CEMENT TO SURFACE SET P.A. MARKER

I hereby certify that the foregoing is true and correct

Signed Raymond Maldonado

Title Supervisor

Date 2-5-97

(This space for Federal or State office use)

Approved by Adam Selander

Title PETROLEUM ENGINEER

Date 2/5/97

Conditions of approval, if any:

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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.

*See instruction on Reverse Side

BUREAU OF LAND MANAGEMENT
Roswell District
2909 West Second Street
Roswell, New Mexico 88201
505-627-0272

**Permanent Abandonment of Federal Wells
Conditions of Approval**

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. **Plugging operations** shall commence within 90 days from the approval date of this Notice of Intent to Abandon.
2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Eddy County call (505) 887-6544; for wells in Lea County call (505) 393-3612.
3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.
4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.
5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either class "C", for up to 7,500 feet of depth, mixed at 14.8 lbs./gal. with 6.3 gallons of fresh water per sack or class "H", for deeper than 7,500 feet plugs, mixed at 16.4 lbs./gal. with 4.3 gallons of fresh water per sack.
6. **Dry Hole Marker:** All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: Well name and number, the name of the operator, the lease serial number, the surveyed location (the quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer; such as metes and bounds).
7. **Subsequent Plugging Reporting:** Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. Show date well was plugged.

Following the submittal and approval of the Subsequent Report of Abandonment, surface restoration conditions of approval will be developed and furnished to you.

(rev. 2/1/96)

BEFORE

COMPANY MARBOB ENERGY CORPORATION
LEASE & WELL NO. BURCH KEELY #170
FORMATION _____
COUNTY & STATE EDDY NM



RAYMOND MALDONADO
SUPERVISOR, P & A OPERATIONS
BUS. (505)393-9171
FAX (505)393-3848
MOBILE (505)390-0540

TOP SALT 314'

8 5/8" 391 CEMENT W/75 SACKS

BOTTOM SALT 714'

5 1/2 LINER TOP 2649

7" 2705' CEMENT W/100 SACKS

5 1/2 LINER BOTTOM 3283 CEMENT W/ 35 SACKS TOC 2850'

TD OPEN HOLE 3283' 3361' - 3450' NOW HOLE

CONVERSION FACTORS

MULTIPLY	By	TO OBTAIN
Barrels	5.6146	Cubic Feet
Cubic Feet	7.4808	Gallons
Gallons	0.1337	Cubic Feet
Pounds/gal.	7.4808	Pounds/Cu. Ft.

PIPE VOLUMES

0.00545 x I.D. in inches = Cu. Ft./Ft.
0.0407 x I.D. in inches = Gals./Ft.
0.00097 x I.D. in inches = Bbls./Ft.

HYDROSTATIC PRESSURE

FOR WATER:
0.434 x Depth in Feet = PSI.
FOR OTHER FLUIDS:
0.434 x Depth x Sp. Gr. = PSI.

AFTER

PERFERATE
CASING AT 50' LEASE & WELL NO. BURCH KEELY #170
CIRCULATE FORMATION
CEMENT TO COUNTY & STATE EDDY, N.M.
SURFACE



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SUPERVISOR, P & A OPERATIONS
BUS. (505)393-9171
FAX (505)393-3848
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PERFERATE CASING AT 440' SQUEEZE W/50 SACKS CEMENT TAG CEMENT TOP AT 260'

BOTTOM SALT 714'

PERFERATE CASING AT 764' SQUEEZE W/ 50 SACKS CEMENT TAG CEMENT TOP
AT 660'

5 1/2 LINER TOP 2649

7" 2705' CEMENT W/100 SACKS

\$POT 30 SACKS CEMENT FROM 2755' - 2600' AND TAG CEMENT TOP

SET 5 1/2 CIBP 3250' CAP W/35' CEMENT

5 1/2 LINER BOTTOM 3283' CEMENT W/35 SACKS

TOC 2850

TD OPEN HOLE 3283' 3361' 3450' NOW OPEN HOLE

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Cubic Feet	7.4806	Gallons
Gallons	0.1337	Cubic Feet
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