

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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B.L.M. - MAIL ROOM

1993 FEB -9 AM 9:18

STATE OFFICE

SANTA FE, NEW MEXICO

Lease Designation and Serial No.

SF-078362

If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Marcus No. 6

9. API Well No.

30-039-23692

10. Field and Pool, or Exploratory Area

Lybrook - Gallup

11. County or Parish, State

Rio Arriba, NM

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

BANNON ENERGY INCORPORATED

3. Address and Telephone No.

3934 FM 1960 WEST, SUITE 240, HOUSTON, TX 77068 (713) 537-9000

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

655' FNL, 945' FEL
Sec 1-T23N-R7W

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 P&A

- ☐ 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.)*

See Attached for Proposed Plugging Procedure

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MAR 5 1993

OIL CON. DIV.
DIST. 3

93 FEB 24 PM 2:01
070 FARMINGTON, NM

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SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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

Signed Andrew S. Low Title Operations Manager

Date 2-2-93

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date MAR 01 1993

AREA MANAGER

Title 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

AIMOCD

Bannon Energy Incorporated
Marcus No. 6

Proposed Plugging Procedure

Casing: 8 5/8", 24.0 lb, @268' w/225 sxs
TOC - Surface
4 1/2", 10.50 lb, @5640'. FC-5600'
First Stage-350 sxs, TOC 4173' (cal)
Stage collar - 2143'
Second stage 300 sxs (729 ft.³)
TOC-233'

Formation Tops

Ojo Alamo	1405	Menefee	3485
Kirtland	1475	Pt. Lookout	4215
Fruitland	1920	Mancos	4430
PC	1955	Gallup	5305
Lewis	2045	TC	5645
Chacra	2385	PBTD	5600
Cliffhouse	2835		

Perfs 5308-5508

PROCEDURE

1. Spot 50 sx plug across perfs. 5508'-5308'. Let cement set overnight. Tag cement top. Minimum 50' above top perforation.
2. Perforate casing at 2935'.
3. Squeeze 65 sxs through perfs at 2935'.
4. Spot 25 sxs inside casing 2935' to 2605'.
5. Perforate casing at 2410'.
6. Squeeze 40 sxs through perfs at 2410'.
7. Spot 80 sxs inside casing 2410' to 1355'.
8. Spot 10 sxs inside casing 318' to 218'.
9. Spot 10 sx surface plug.
10. Cut-off well head and casing. Install P&A marker.
11. Remove all production equipment, surface lines and safety anchors.
12. Rehabilitate location and access road.
13. Proposed starting date - March 1, 1993.
14. Gel mud will be used to separate cement plugs.

CURRENT
WELL SCHEMATIC

12 1/4" Hole

24.0 lb/ft $8\frac{5}{8}$ CSG @ 268 ft

Top of Cement at 233'
7 3/8" Hole

Stage Tool @ 2143 ft

MARKERS

Ojo Alamo	1405
Kirtland	1475
Peterson Cliffs	1955
Lewis	2045
Chaco	2385
Cliffhouse	2835
Menefee	3485
Pt. Lookout	4215
Manaos	4430
Gallup (U.)	5305
Gallup (L.)	5435

TREATMENT

45,000 gelled o.i
115,000 lbs 20-40 sd.

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070 FARMINGTON, NM

2 $\frac{3}{8}$ Hg @ 5331'

5308-5508 GALLUP

5308-5318 }
5436-5439 } 30 ft shot
5441-5445 } 1 hole/ft
5479-5482 }
5498-5508 }

PBTV. 5584'

BP@5590'

10.5 lb/ft 4 1/2 csq @ 5640 ft

T.O. 5645'

CMT

250sx
65-35 poemix
50sx
Class B next

Conf.

350 sq
50-50 perm,
486 cu ft

IN REPLY REFER TO
(019)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA
1235 LA PLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401

Attachment to Notice of

Re: Permanent Abandonment

Intention to Abandon

Well: C Marcus

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal Leases."
2. Mark Kelly with the Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907
3. Blowout prevention equipment is required.
4. The following modifications to your plugging program are to be made (when applicable):

- 1.) Spot Gallup plug from 5558' to 5210'. (Top of Gallup @ 5200')
- 2.) Move Mesquite plug (Top of mud @ 3485'). Perforate @ 3535' and place a cement plug from 3535' to 3735' inside and outside the casing plus 100 lb excess.
- 3.) Spot a cement plug from 2003' to 1258' (Top of Osage @ 1308') inside the casing. Tag top of plug.
- 4.) Our records indicate that the top of the cement is at 400', determined by a Temperature Survey.

Office Hours: 7:45 a.m. to 4:30 p.m.

Perforate @ 318' and circulate cement to the surface.

**The plug @ 2410' is Not Necessary.