

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

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Bannon Energy Inc., c/o Daggett Inc.

3. Address and Telephone No.

420 W. Elm, Farmington, NM, 87401 (505)326-1772

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

Unit H, ^{1820'}2270' FNL, ^{960'}940' FEL, Section 31, T24N-R7W

5. Lease Designation and Serial No.

NM33005

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

South Blanco Fed. 31-2

9. API Well No.

30 039 22587

10. Field and Pool, or Exploratory Area

Potwin Pictured Cliffs

11. County or Parish, State Extention

Rio Arriba

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 _____
- ☐ 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.)*

Rig up & Nipple up B.O.P., Set bridge plug at 5464 and spot cement from 5464 to 5350
Spot cement plug from ~~3191~~ to ~~3041~~. Perforate and Frac. the Pictured Cliffs at
approximately 2090 to 2110. Frac. with approximately 11,000 gallons of 35# guar based gel.
and 51,000 pounds of 20/40 mesh Ottawa Sand.

See attached Fracture Treatment Design.

RECEIVED
DEC 15 1994
OIL CON. DIV.
DIST. 3

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

DEC 15 1994
11:42

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

Signed Robert J. Johnson

Title Permit Agent for Bannon E. Inc. Date 12/02/94

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

APPROVED

DEC 07 1994

Original Signed: STEPHEN MASON

DISTRICT 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

SEE ATTACHED FOR
CONTENTS OF ATTACHED

ATTACHED FOR
PAGE 1
CONTENTS OF ATTACHED

State of New Mexico
Energy, Minerals & Mining Resources Department
OIL CONSERVATION DIVISION
P. O. Box 6429
Santa Fe, New Mexico 87504-6429

Form C-102

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-22587	Pool Code 83000	Pool Name Potwin-Pictured Cliffs extension
Property Code 1739	Property (Well) Name South Blanco Federal 31	Well Number 2
OGRID No. 1587	Operator Name Bannon Energy, Inc.	Elevation 7015' GR

Surface Location

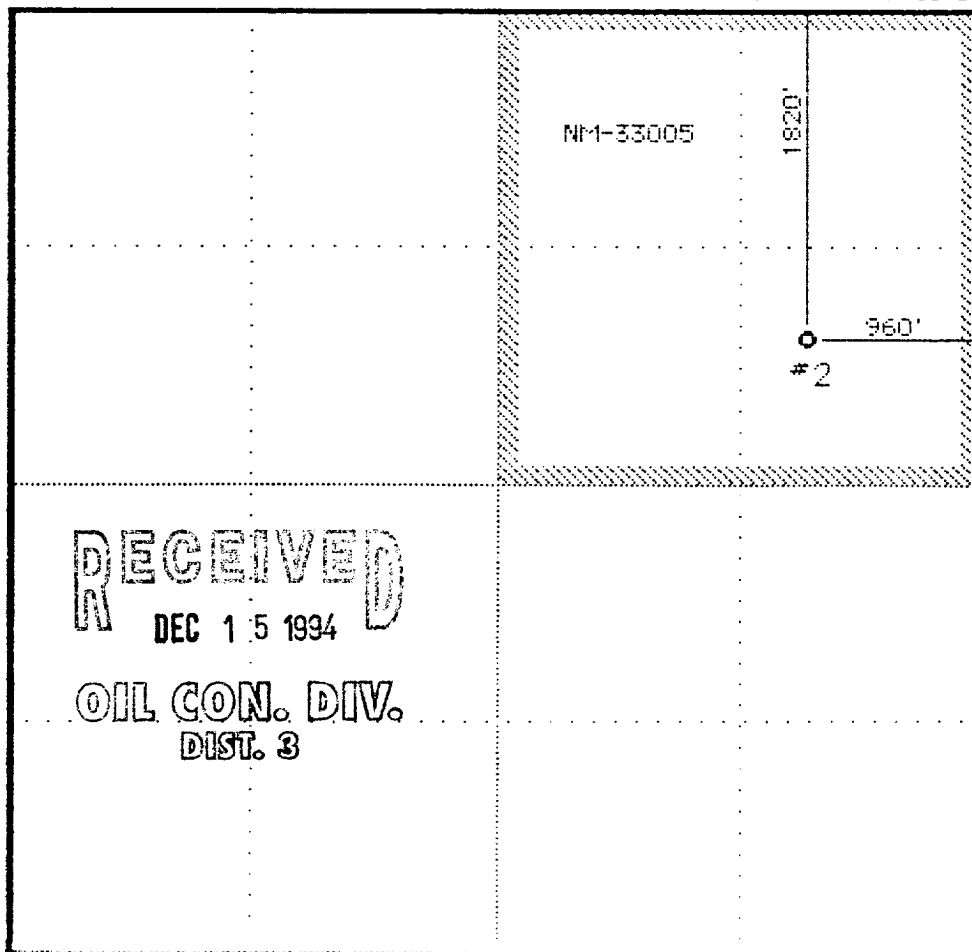
UL or Lot H	Sec. 31	Twp. 24N	Rge. 7W	Lot Idn.	Feet from > 1820	North/South North	Feet from > 360	East/West East	County Rio Arriba
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Bottom Hole Location If Different From Surface

UL or Lot	Sec.	Twp.	Rge.	Lot Idn.	Feet from >	North/South	Feet from >	East/West	County
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Dedication 160	Joint? N	Consolidation	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature

Printed Name

A. R. Kendrick

Title

Agent

Date

12/7/94

SURVEYOR CERTIFICATION

I hereby certify that the well location on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey

Signature and Seal of
Professional Surveyor

The original survey
is on file with
the N.M.O.C.D.

Certificate Number

HYDRAULIC FRACTURE TREATMENT DESIGN
BANNON ENERGY INCORPORATED
~~South Blanco Federal 6-2 (Pictured Cliffs)~~
South Blanco Fed. 31-2

The following treatment should be pumped down 4 1/2 inch casing at 25 BPM:

Stage	Fluid Type	Fluid Volume (gals)	Sand Conc. (ppg)	Stage Sand (lbs)
Prepad	35# Linear Gel	1,000	-	-
Pad	35# CX Borate	2,000	-	-
1	35# CX Borate	1,500	3	4,500
2	35# CX Borate	1,500	6	9,000
3	35# CX Borate	1,500	9	13,500
4	35# CX Borate	2,000	12	24,000
Flush	35# Linear Gel	1 bbls short	-	-

Total Fluid: 11,000 gallons of 35# guar based gel (one 500 bbls tank)

Total Sand: 51,000 pounds of 20/40 mesh Ottawa Sand

Treatment should be flowed back immediately following pumping using forced closure technique.

All water based fracturing fluids should contain biocide to prevent bacteria growth.

Crosslinked fluids should be pre tested to insure good viscosity through pump time and the ability to break back to water following pumping.

Use 2% KCl water as base fluid.

UNITED STATES DEPARTMENT OF THE INTERIOR

**BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE**

1235 La Plata Highway
Farmington, New Mexico 87401

Attachment to Notice of

Re: Plug Back

Intention to Plug Back

Well: **2 South Blanco Federal 31**

CONDITIONS OF APPROVAL

1 **Mike Flaniken** with the Farmington Office is to be notified at least 24 hours before the plug back operations commence (505) 599-8907.

3. The following modifications to your plug back program are to be made (when applicable):

- 1.) Move the Mesaverde cement plug from 3191'-3041' to 3646'-3496'. (Top of Mesaverde @ 3596')