

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

5. Lease Designation and Serial No.
SF - 078924

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Grace Federal 21-1

9. API Well No.
30-039-22105

10. Field and Pool, or Exploratory Area
Escrito Gallup

11. County or Parish, State
Rio Arriba, NM

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 INCORPORATED (713) 537-9000

3. Address and Telephone No.

3934 FM 1960 WEST, STE 240, HOUSTON, TX 77068

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

1650' FSL, 1730' FWL
Sec. 21, T24N, 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 _____
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion or 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 plugging procedure

RECEIVED
MAR 5 1993
OIL CON. DIV. I
DIST. 3

0701-10-10001, NM
MARCH -5 1993 11:37

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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

Signature DeWayne Blance Title New Mexico Foreman

Date 2/17/93

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date

APPROVED

MAR 10 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

Bannon Energy, Inc.
Grace Federal No. 21-1

Proposed Plugging Procedure

Casing: 8 5/8", 24.0 lb @ 311' w/ 225 sxs
TOC- surface
4 1/2", 10.50 lb @ 6230'
cent. w/ 500 sxs
TOC- 4360' {CBL}

Formation Tops

Ojo Alamo	- 1668	Menefee	- 3912
Kirtland	- 1755	Pt. Lookout	- 4636
Fruitland	- 2139	Mancos	- 4882
PC	- 2368	Gallup	- 5650
Lewis	- 2449	PBTD	- 6162
Chacra	- 2769	TD	- 6230
Cliff House	- 3892		

Perfs: 5656- 6128

Procedure

1. Spot 60 sx plug across perfs 6128'- 5656'. Let cement set overnight. Tag cement top. Minimum 50' above top perforation
2. Perforate casing at 3976'. Squeeze 50 sxs through perfs.
3. Spot 25 sxs inside casing 3967' to 3842'.
4. Perforate casing at 2443'. If circulation can be obtained through perforation and out bradenhead, then squeeze 425 sxs through perforation. If circulation is not obtained, then 150 sxs will be squeezed through perfs. to cover the PC and Fruitland zones.
5. Spot 35 sxs inside casing 2443' to 2080'.
6. { If circulation is not obtained in line 4}. Perforate casing at 1718'. Squeeze 40 sxs through perforations at 1718'.

7. Spot 25 sxs inside casing 1718' to 1418'.
8. Spot 10 sxs inside casing 361' to 261'.
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 access road.
13. Proposed starting date, April 1, 1993.
14. Gell mud will be used to seperate cement plugs.

DAKER OIL TOOLS, INC.

SERVING THE WORLD

DATE

WELL NO. 21-1

LEASE Grace Federal

FIELD Escrito

21 24N 7W

Rio Arriba

SF-078924

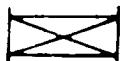
- 12 1/4" hole, 8 5/8", 24.016 @ 311' w/ 225 sxs (265 ft³)
TOC - SURFACE

Formation Tops

Ojo Alamo	-	1668
Riptland	-	1778
Fruitland	-	2139
PC	-	2368
Lewis	-	2449
CHACRA	-	2768
Cliffhouse	-	3892
Menefee	-	3912
Pt. Lookout	-	4636
MANCOS	-	4882
Gallup	-	5650
PBTD	-	6162
TD	-	6230

- perfs 5656 - 6128

- 7 7/8" hole, 4 1/2", 10.5016 @ 6230'
500 sxs (775 ft³)
TOC - 4360 (CBL)



BRIDGE PLUG



PACKER



CENTRALIZER



SCRATCHER



BASKET



PERFORATION

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: 1 - Gracie Federal 21

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 6182' to 5600' inside the casing. (Top of Gallup @ 5650')

2.) Perforate @ 1863', place a cement plug from 1863' to 1618' inside & outside of the casing plus 100' excess.
(O.S. Alum. - 1813' to 1668')

3.) If cement does not circulate to the surface, perforate @ 361' and circulate cement to the surface.

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