

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. Lease Designation and Serial No.
Contract 413

6. If Indian, Allottee or Tribe Name
Jicarilla Apache

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Chacon Jicarilla No. 1

9. API Well No.
30-039-20526

10. Field and Pool, or Exploratory Area
Ballard Pictured Cliffs

11. County or Parish, State
San Juan County, New Mexico

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil ☒ Gas ☐ Other

2. Name of Operator

Roddy Production Company, Inc.

3. Address and Telephone No.

P.O. Box 2221, Farmington NM 87499 (505) 325-5750

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

Surface location; 790' FSL x 790' FWL, Section 15, T23N, R3W

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

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

☒ 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 depth for all markers and zones pertinent to this work.)*

Roddy Production intends plug and abandon the above referenced well bore. The proposed P&A procedure and well bore diagram is attached. P&A operations will commence as soon as all regulatory approvals are obtained (estimated start date 2/10/06).

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

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

Signed Robert R. Griffie
Robert R. Griffie

Title Operations Manager

Date: 1/27/06

(This space for Federal or State office use)

Approved by Wayne Townsend

Title P. E.

Date 1/30/06

Conditions of approval, if any:

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

OPERATOR

Chacon Jicarilla No. 1
P&A Procedure

Prepared by: R. Griffiee, Operations Manager
1/27/06

See Well Bore Diagram for additional detail.

1. Prepare location. Dig small earthen pit and install liner (for cement circulation). Install and/or test rig anchors.
2. MIRU well service rig.
3. ND well head, NU BOPE.
4. TOH and lay down 1 1/2" tubing.
5. RU Blue Jet and run CBL. Determine TOC.
6. PU 2 3/8" tubing. TIH open ended to bottom perforations at 3194'.

Note: the following cement calculations assume that the original TOC is at 2800'. The volumes and procedure may be modified based on the CBL log in step 5.

See modifications to plugging program

Plug #1, Bottom P/C perforation to 50' above Fruitland (top of Fruitland @ ~~3005'~~)

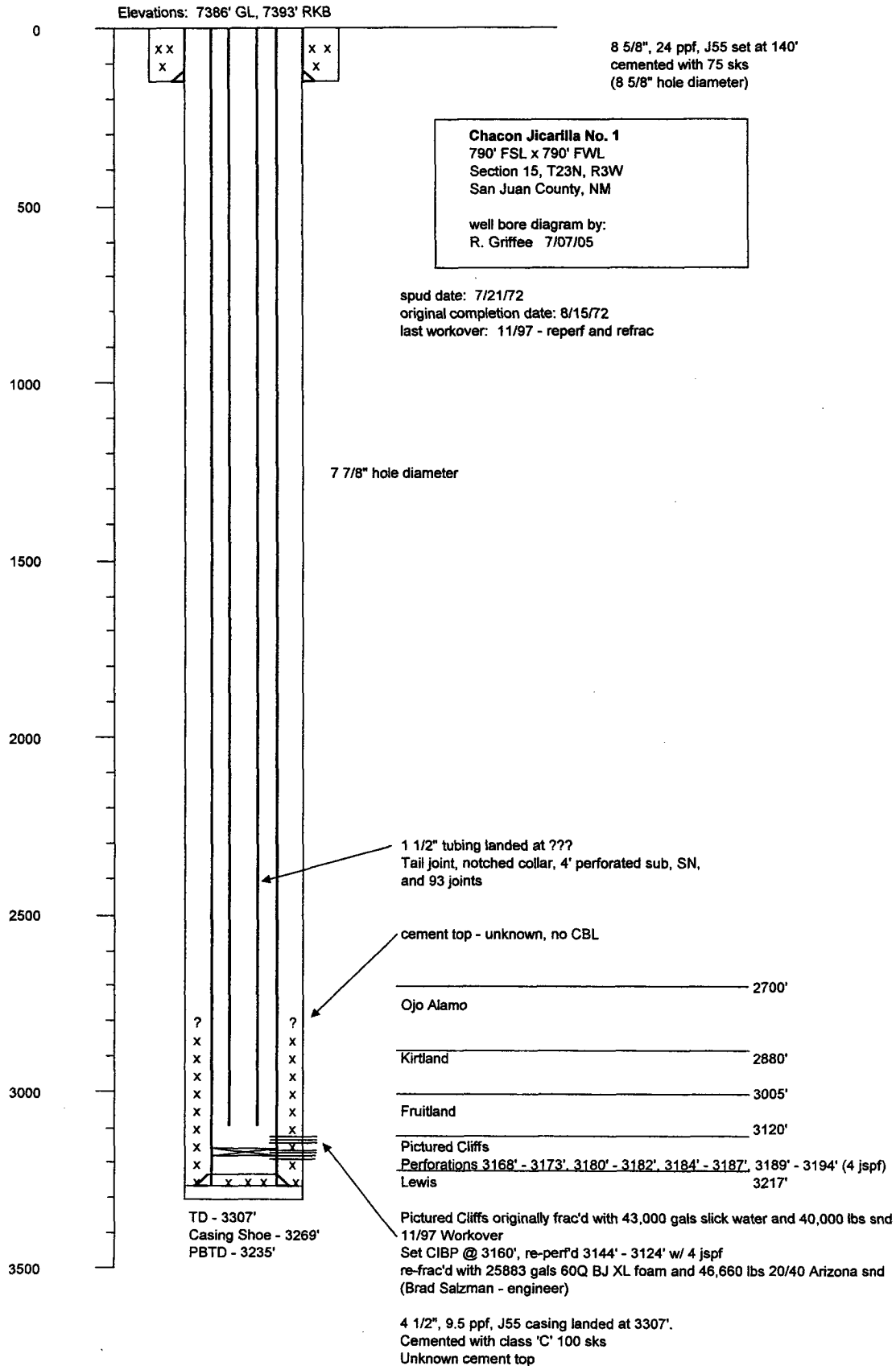
7. Spot 30 sk balanced plug (slurry volume calculated at 50% excess to casing volume from 3194' to 2955').
8. POOH to 2000', reverse out tubing. TOH and lay down all but 2700' of tubing.
9. Perforate 2 squeeze holes at 2750' and 2 squeeze holes at 190'.
10. PU test packer, TIH and set at 2700'. Establish suicide circulation through squeeze holes. TOH.
11. PU cement retainer, TIH and set at 2700'

Plug #2, 100' plug inside and outside casing (top of Ojo Alamo at ~~2700'~~)

12. Squeeze cement under retainer with 45 sks. Sting out of retainer and spot 6 sk balanced plug on top of retainer.
13. TOH, lay down remaining tubing.
14. Establish circulation down casing through, squeeze holes at 190', up casing hole annulus, and through braden head valve to surface.

Plug #3, 50' below casing shoe to surface inside and outside casing.

15. Pump Plug #3, 90 sks or when cement circulates to surface through Braden head valve.
16. Cut off well head, install dry hole marker.
17. Reclaim location as per BLM and Jicarilla requirements.





United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Farmington Field Office
1235 La Plata Highway, Suite A
Farmington, New Mexico 87401

Attachment to Notice of Intent for Permanent Abandonment

Well: Chacon Jicarilla No. 1

CONDITIONS OF APPROVAL:

- 1.) Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Leases".
- 2.) Farmington Field Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.
- 3.) The following modifications to your plugging program are to be made:
 - A.) Plug #1 (PC/Fruitland – top Fruitland @ 2953') – Spot cement plug from the deeper of PBTD or 3194' to 2903' with a minimum of 50' of excess cement. **Note: The results of the CBL may make it necessary to adjust the depth of perforating. Reverse circulate casing at a depth sufficient to get perforation deep enough for cement coverage. See Plug #2 Ojo Alamo.**
Wait on cement and tag top of cement plug.
 - B.) Plug #2 (Ojo Alamo interval 2695' to 2882') The interval inside and outside the casing from 2932' to 2645' is to be covered with cement. (50' below and above Ojo Alamo) Excess cement outside the casing is to be calculated on 100% of annular volume and excess cement inside the casing is to be a minimum of 50'.
 - C.) Add a cement plug inside and outside the casing from 1495' to 1395' to cover the Nacimiento. (Nacimiento top at 1445') Excess cement outside the casing is to be calculated on 100% of annular volume and excess cement inside the casing is to be a minimum of 50'.

**GENERAL REQUIREMENTS FOR
PERMANENT ABANDONMENT OF WELLS ON FEDERAL AND INDIAN LEASES
FARMINGTON FIELD OFFICE**

1.0 The approved plugging plans may contain variances from the following minimum general requirements.

1.1 Modification of the approved plugging procedure is allowed only with the prior approval of the Authorized Officer, Farmington Field Office.

1.2 Requirements may be added to address specific well conditions.

2.0 Materials used must be accurately measured. (densimeter/scales)

3.0 A tank or lined pit must be used for containment of any fluids from the wellbore during plugging operations and all pits are to be fenced with woven wire. These pits will be fenced on three sides and once the rig leaves location, the fourth side will be fenced.

3.1 Pits are not to be used for disposal of any hydrocarbons. If hydrocarbons are present in the pit, the fluids must be removed prior to filling in.

4.0 All cement plugs are to be placed through a work string. Cement may be bull-headed down the casing with prior approval. Cement caps on top of bridge plugs or cement retainers may be placed by dump bailer.

4.1 The cement shall be as specified in the approved plugging plan.

4.2 All cement plugs placed inside casing shall have sufficient volume to fill a minimum of 100' of the casing, or annular void(s) between casings, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.

4.3 Surface plugs may be no less than 50' in length.

4.4 All cement plugs placed to fill annular void(s) between casing and the formation shall be of sufficient volume to fill a minimum of 100' of the annular space plus 100% excess, calculated using the bit size, or 100' of annular capacity, determined from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.

4.5 All cement plugs placed to fill an open hole shall be of sufficient volume to fill a minimum of 100' of hole, as calculated from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug. In the absence of a caliper log, an excess of 100% shall be required.

5.0 All cement plugs spotted across, or above, any exposed zone(s), when; the wellbore is not full of fluid or the fluid level will not remain static, and in the case of lost circulation or partial returns during cement placement, shall be tested by tagging with the work string.

5.1 The top of any cement plug verified by tagging must be at or above the depth specified in the approved plan, without regard to any excess.

5.2 Testing will not be required for any cement plug that is mechanically contained by use of a bridge plug and/or cement retainer, if casing integrity has been established.

5.3 Any cement plug which is the only isolating medium, for a fresh water interval or a zone containing a prospectively valuable deposit of minerals, shall be tested by tagging.

6.0 Before setting any cement plugs the hole needs to be rolled. All wells are to be controlled by means of a fluid that is to be of a weight and consistency necessary to stabilize the wellbore. This fluid shall be left in place as filler between all plugs.

6.1 Drilling mud may be used as the wellbore fluid in open hole plugging operations.

6.2 The wellbore fluid used in cased holes shall be of sufficient weight to balance known pore pressures in all exposed formations.

7.0 A blowout preventer and related equipment (BOPE) shall be installed and tested prior to working in a wellbore with any exposed zone(s); (1) that are over pressured, (2) where the pressures are unknown, or (3) known to contain H₂S.

8.0 Within 30 days after plugging work is completed, file a Sundry Notice, Subsequent Report of Abandonment (Form 3160-5), five copies, with the Field Manager, Bureau of Land Management, 1235 La Plata Highway, Suite A, Farmington, NM 87401. The report should show the manner in which the plugging work was carried out, the extent, by depth(s), of cement plugs placed, and the size and location, by depth(s), of casing left in the well. Show date well was plugged.

9.0 All permanently abandoned wells are to be marked with a permanent monument as specified in 43 CFR 3162.6(d). Unless otherwise approved.

10.0 If this well is located in a Specially Designated Area (SDA), compliance with the appropriate seasonal closure requirements will be necessary.

All of the above are minimum requirements. Failure to comply with the above conditions of approval may result in an assessment for noncompliance and/or a Shut-in Order being issued pursuant to 43 CFR 3163.1. You are further advised that any instructions, orders or decisions issued by the Bureau of Land Management are subject to administrative review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4.700.

BLM CONDITIONS OF APPROVAL

The following surface rehabilitation Conditions of Approval must be complied with as applicable, before this well can be approved for final abandonment (see 43 CFR 3162.3-4). **Surface rehabilitation work shall be completed within one year of the actual plugging date. Notification for completion of this work can be submitted with a Sundry Notice.**

1. All fences, production equipment, purchaser's equipment, concrete slabs, deadman (anchors), flowlines, risers, debris and trash must be removed from the location.
2. Production pits will be closed according to the Unlined Surface Impoundment Closure Guidelines, as approved in the Environmental Assessment of December 1993. Any oil stained soils may be remediated on-site according to these guidelines or disposed of in an approved disposal facility.
3. The well pad will be shaped to the natural terrain and left as rough as possible. All compacted areas and areas devoid of vegetation shall be ripped to a minimum of 12" before seeding.
4. Access roads will be shaped to conform to the natural terrain and left as rough as possible to detour vehicular travel. Access will be ripped to a minimum of 12" in depth and waterbarred prior to seeding. All erosion problems created by the development must be corrected prior to acceptance of release. Waterbars should be spaced as shown below:

% Slopes	Spacing Interval
Less than 20%	200'
2 to 5%	150'
6 to 9%	100'
10 to 15%	50'
Greater than 15%	30'

All water bars should divert to the downhill side of the road.

5. All disturbed areas will be seeded with the prescribed certified seed mix (reseeding may be required).
6. Notify Surfacing Managing Agency seven (7) days prior to seeding so that they may be present for that option.
7. The period of liability under the bond of record will not be terminated until the lease is inspected and the surface rehabilitation approved.

Other SMA's may vary slightly in their restoration requirements. It is your responsibility, as the operator, to obtain surface restoration requirements from other SMA's. We need to be provided with a copy of these requirements. Any problems concerning stipulations received from other SMA's should be brought to us.

On private land, we should be provided with a letter from the fee owner stating that the surface restoration is satisfactory.