

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 ☒ Gas ☐ Well ☒ Well ☐ Other

2. Name of Operator

CORDILLERA ENERGY, INC. (Aut Snyder Oil Corp.)

3. Address and Telephone No.

5802 HIGHWAY 64, FARMINGTON, NM 87401 Phone: (505) 632-8056

4. LOCATION OF WELL (Footage, Sec., T., R., M., or Survey Description)

990' FNL & 990' FEL - UL "A"
SEC. 26, T26N, R04W

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name

JICARILLA APACHE

7. If Unit or CA, Agreement Designation

JICARILLA CONTRACT #106

8. Well Name and No.

LOWE #3

9. API Well No.

30-39-06551 06328

10. Field and Pool, Or Exploratory Area

TAPACITO PICTURED CLIFFS

11. County or Parish, State

RIO ARRIBA, NEW MEXICO

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 ☐ Change of Plans
☐ Recompletion ☐ New Construction
☐ Plugging Back ☐ Non-Routine Fracturing
☐ Casing Repair ☐ Water Shut-Off
☐ Altering Casing ☐ Conversion to Injection
☐ Other _____ ☐ 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.)

Above referenced well was plugged and abandoned in accordance with attached Plug & Abandonment Report January 21st, 2002.

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

Signed

Ray E. Ekstein

Title

PRODUCTION TECHNICIAN

Date

March 1, 2002

(This space for Federal or State office use)

Approved by

Isi Patricia M. Heater

Title

Lands and Mineral Resources

Date

MAR 7 2002

Conditions of Approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and wilfully to make 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

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979
FARMINGTON, NM 87499
505-325-2627 • FAX: 505-325-1211

Cordillera Energy Inc

January 23, 2002

Lowe #3

Page 1 of 1

990' FNL & 990' FEL, Section 26, T-26-N, R-4-W

Rio Arriba County, NM

Jicarilla Contract #106

API 30-039-06551

Plug & Abandonment Report

Cementing Summary:

Plug #1 with retainer at 3482', spot 56 sxs cement above retainer from 3482' to 2988' to cover Pictured Cliffs perforations and Fruitland, Kirtland and Ojo Alamo tops.

Plug #2 with retainer at 1275', mix and pump 48 sxs cement, squeeze 30 sxs outside 5-1/2" casing from 1325' to 1225' and leave 18 sxs inside casing to cover Nacimiento top.

Plug #3 with 99 sxs cement pumped down the 5-1/2" casing from 215' to surface, circulate good cement out bradenhead.

Plugging Summary:

Notified BLM 1/17/02

1-16-02 Safety Meeting. While roading rig to location driveline parted. Repaired and then it broke again. SD for repairs.

1-17-02 Repair rig. Road rig and equipment to J-25. Roads muddy. Chain up rig and equipment. SDFD.

1-18-02 MO, RU. Layout relief line to pit. Blow down 120# tubing and 120# on casing. Kill well with 30 bbls water. ND wellhead. NU BOP, test. TOH and tally 115 joints 2-3/8" EUE tubing, total 3565'. TIH and set 5-1/2" DHS retainer at 3482'. Pressure test tubing to 1500#, OK. Sting out of retainer. Circulate well clean with 85 bbls water. Pressure test casing to 500# for 10 min, held OK. Plug #1 with retainer at 3482', spot 56 sxs cement above retainer from 3482' to 2988' to cover Pictured Cliffs perforations and Fruitland, Kirtland and Ojo Alamo tops. PUH. SI well & SDFD.

1-21-02 Safety Meeting. Finish TOH with tubing. RU A-Plus wireline truck. Perforate 3 HSC squeeze holes at 1325'. Establish rate into squeeze holes 1 bpm at 750#. Set 5-1/2" DHS retainer at 1275'. Sting into retainer and establish rate into squeeze holes 1-1/2 bpm at 1100#. Plug #2 with retainer at 1275', mix and pump 48 sxs cement, squeeze 30 sxs outside 5-1/2" casing from 1325' to 1225' and leave 18 sxs inside casing to cover Nacimiento top. TOH and LD tubing. Perforate 3 HSC squeeze holes at 215'. Attempt to establish circulation out bradenhead with 36 bbls. Reverse hoses and establish circulation out casing with 10 bbls water. Reverse hose again. Plug #3 with 99 sxs cement pumped down the 5-1/2" casing from 215' to surface, circulate good cement out bradenhead. Shut in well and WOC. ND BOP. Dig out and cut off wellhead. Found cement at surface in casing and annulus. Mix 12 sxs cement to install P&A marker. RD and MOL.
T. Munoz with JAT, on location

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 should be submitted with a Sundry Notice. Questions? Call Pat Hester at (505) 761-8786.

1. All fences, production equipment, purchaser's equipment, concrete slabs, deadman (anchors), flowlines, risers, debris and trash must be removed from the location. Non-retrieved flowlines and pipelines will be abandoned in accordance with State Rule 714. Information supporting the non-retrieval will be included in the subsequent report or final abandonment Sundry Notice.

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 can be remediated on-site according to these guidelines or disposed of in an approved 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" in depth before reseeding.

4. Access roads will be shaped to conform to the natural terrain and left as rough as possible to deter vehicle travel. Access will be ripped to a minimum of 12" in depth, water barred and reseeded. All erosion problems created by the development must be corrected prior to acceptance of release. Water bars should be spaced as shown below along the fall line of the slope:

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

5. All disturbed areas will be seeded with the prescribed certified seed mix (reseeding may be required). Seed mix must be certified weed free to avoid the introduction of noxious weeds. Refer to the original APD for seed mix.

6. Notify Surface Managing Agency seven (7) days prior to seeding so that they may be present to witness.

7. The period of liability under the bond of record will not be terminated until the well is inspected and the surface rehabilitation approved.

Other Surface Managing Agencies (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, a letter from the fee owner stating that the surface restoration is satisfactory will be provided to the office. Questions? Call Pat Hester at (505) 761-8786.