

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

CORDILLERA ENERGY, INC.

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 FMC 2990
80 FSL & 1553' FEL - UL "Q"
SEC. 11, T26N, R04W
26

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

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

☐

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.)

It is our intention to plug & abandon above mentioned well within the next month as described in attached Plug & Abandonment procedure.

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

Signed

Kay S. Ekster

Title

PRODUCTION TECHNICIAN

Date

January 7, 2002

(This space for Federal or State office use)

Approved by

/s/ Brian W. Davis

Title

Lands and Mineral Resources

Date

JAN 16 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

PLUG AND ABANDONMENT PROCEDURE 01/02/02

Lowe #3-26

Tapacito Pictured Cliffs

990' FNL & 990' FEL, Section 26, T26N, R4W

Rio Arriba County, NM

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type II, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. Install and/or test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and Cordillera safety rules and regulations. ND wellhead and NU BOP, test BOP.
2. TOH and tally 115 joints 2-3/8" tubing, total 3585'. Round-trip 5-1/2" gauge ring to 3490'.
3. **Plug #1 (Pictured Cliffs perforations and Fruitland, Kirtland and Ojo Alamo tops, 3490' – 3046')**: TIH and set a 5-1/2" CR at 3490'. Pressure test tubing to 1000#. Load casing with water and circulate the well clean. Pressure test casing to 500#. If casing does not test, then spot or tag subsequent plugs as necessary. Mix 56 sxs cement and spot a balanced plug inside casing above the CIBP to cover the Pictured Cliffs perforations and Fruitland, Kirtland and Ojo Alamo tops. TOH with tubing.
4. **Plug #2 (Nacimiento top, 1325' – 1225')**: Perforate 3 HSC squeeze holes at 1325'. Establish rate into squeeze holes if casing tested. Set a 5-1/2" cement retainer at 1275'. Establish rate into squeeze holes. Mix and pump 47 sxs cement, squeeze 30 sxs outside the casing and leave 17 sxs inside casing to cover the Nacimiento top. TOH and LD tubing
5. **Plug #3 (8-5/8" Surface casing, 215' - surface)**: Perforate 3 HSC squeeze holes at 215'. Establish circulation out bradenhead valve. Mix and pump approximately 75 sxs cement down 5-1/2" casing to circulate good cement out bradenhead valve. Shut well in and WOC.
6. ND BOP and cut off casing below surface. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

Lowe #3-26

Proposed P&A

Tapacito Pictured Cliffs

NE, Section 26, T-26-N, R-4-W, Rio Arriba County, NM

Today's Date: 01/02/02

Spud: 1/24/64

Completed: 3/4/64

Elevation: 6929' GL
6935' KB

15" hole

Nacimiento @ 1275'

Ojo Alamo @ 3096'

Kirtland @ 3198'

Fruitland @ 3308'

Pictured Cliffs @ 3504'

8-5/8" 32# Casing set @ 165'
Cmt w/100 sxs (Circulated to Surface)

Perforate @ 215'

Plug #3: 215' - Surface
Cement with 75 sxs

Cmt Retainer @ 1275'

Perforate @ 1325'

Plug #2: 1325' - 1225'
Cement with 47 sxs,
30 outside casing
and 17 inside.

TOC @ 2664' (Calc, 75%)

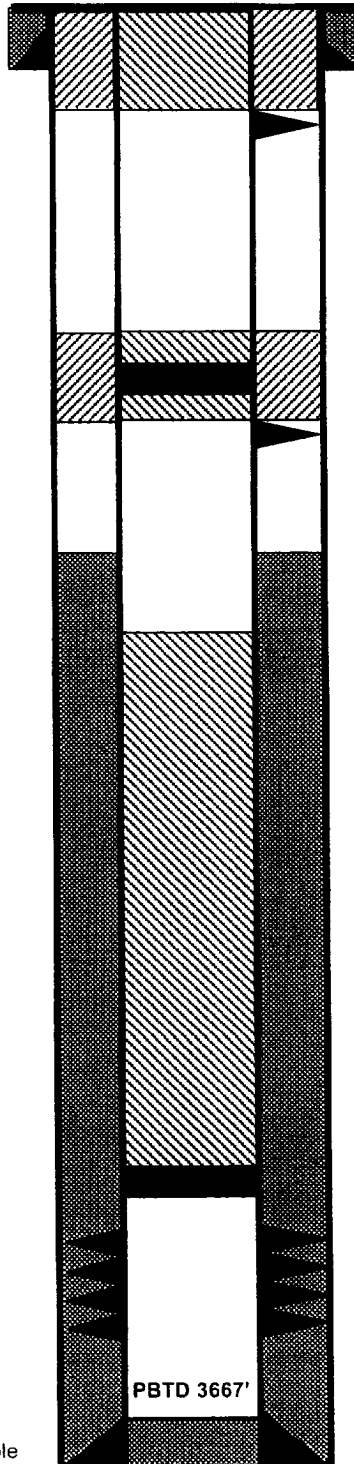
Plug #1: 3490' - 3046'
Cement with 56 sxs

Set CIBP @ 3490'

Pictured Cliffs Perforations:
3540' - 3611'

5-1/2" 15.5# Casing set @ 3703'
Cement with 175 sxs (240 cf)

7-7/8" hole



PBTD 3667'

TD 3703'

Lowe #3-26

Current

Tapacito Pictured Cliffs

NE, Section 26, T-26-N, R-4-W, Rio Arriba County, NM

Today's Date: 01/02/02

Spud: 1/24/64

Completed: 3/4/64

Elevation: 6929' GL
6935' KB

15" hole

8-5/8" 32# Casing set @ 165'
Cmt w/100 sxs (Circulated to Surface)

WELL HISTORY

Aug 99: Pull and LD 1" tubing, TIH with 2-3/8" tubing and bailer; clean out from 3582' to 3667'; Land tubing at 3585'. Swab well.

Nacimiento @ 1275'

TOC @ 2664' (Calc, 75%)

Ojo Alamo @ 3096'

2-3/8" Tubing set at 3585'
(115 joints)

Kirtland @ 3198'

Fruitland @ 3308'

Pictured Cliffs @ 3504'

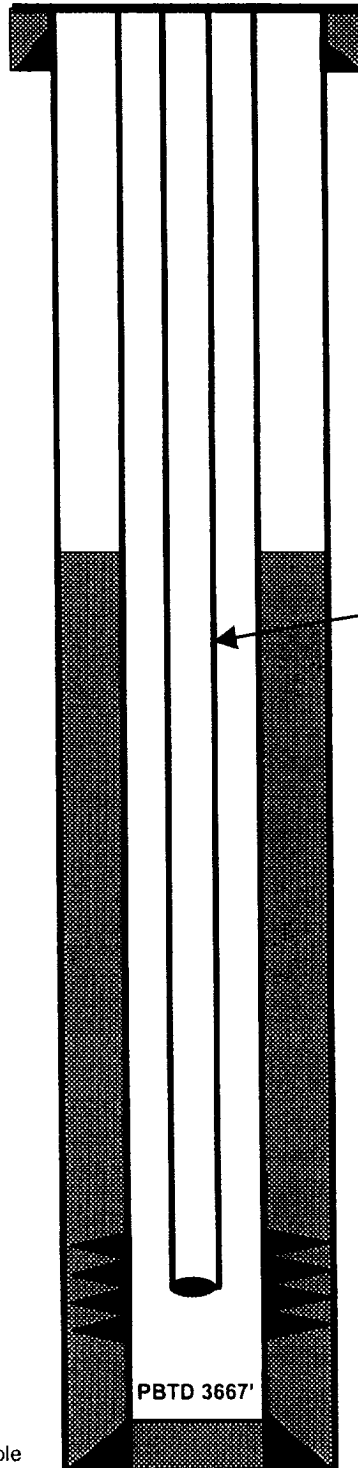
Pictured Cliffs Perforations:
3540' - 3611'

PBTD 3667'

7-7/8" hole

5-1/2" 15.5# Casing set @ 3703'
Cement with 175 sxs (240 cf)

TD 3703'



IN REPLY REFER TO
3162.3-1 (017)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT
Albuquerque Field Office
435 Montano N.E.
Albuquerque, New Mexico 87107

Company Cordillera Energy Corporation (aka Snyder Oil Corp.)

Well No. Lowe No. 3

Location 990' FNL & 990' FEL Sec. 26, T26N, R4W, NMPM

Lease No. Jicarilla Contract 106

Government Contacts:

Bureau of Land Management , Albuquerque Field Office Office 505.761.8700
Manager: Steve Anderson, Assistant Field Manager 505.761.8982
Petroleum Engineer: Brian W. Davis 505.761.8756, Home 505.323-8698,
Pager 505.969-0146, Cell 505.249.7922,
Petroleum Engineering Technician: Bryce Hammon, Office 505.759.1823, x-31, Cell 505.320.9741
BLM Geology / Environmental Contact: Patricia M. Hester 505.761.8786

GENERAL REQUIREMENTS
FOR
OIL AND GAS OPERATIONS FEDERAL & INDIAN LEASES

1. Plugging operations authorized are subject to the "General Requirements for Permanent Abandonment of Wells on Federal and Indian Leases."
2. For wells on Indian leases, Bryce Hammond with the Jicarilla Nation Tribal Oil and Gas Office is to be notified at least 24 hours (48 hours if possible) before the plugging operations commence. His phone number is (505) 759-1823, x-31 office, (505) 320-9741 cell. Office hours are 7:45 a.m. to 4:30 p.m.
3. Blowout prevention equipment is required.
4. The sundry is approved with the following change:

Note: This lease is still under the Snyder Oil Corp, subsequent assignment have not been approved by the BLA. Please file Subsequent Reports under the Snyder Oil Corp. name.

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.