

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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No.  JICARILLA APACHE
2. Name of Operator CORDILLERA ENERGY, INC. (aka Snyder Oil Corp)	7. If Unit or CA, Agreement Designation  JICARILLA CONTRACT #97
3. Address and Telephone No. 5802 HIGHWAY 64, FARMINGTON, NM 87401 Phone: (505) 632-8056	8. Well Name and No. TRIBAL C2A
4. LOCATION OF WELL (Footage, Sec., T., R., M., or Survey Description) 1635' FSL & 1130' FWL - UL "L" SEC. 6. T26N. R03W	9. API Well No. 30-39-21377
	10. Field and Pool, Or Exploratory Area BLANCO MESAVERDE
	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	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> 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 <u>Kay S. Webster</u>	Title <u>PRODUCTION TECHNICIAN</u> Date <u>January 10, 2002</u>
(This space for Federal or State office use)	
Approved by <u>Brian W. Davis</u>	Title <u>Lands and Mineral Resources</u> Date <u>JAN 16 2002</u>
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 & ABANDONMENT PROCEDURE

12/17/01

### **Tribal C #2A**

Blanco Mesaverde  
1635' FSL & 1130' FWL, Section 6, T-26-N, R-3-W  
Rio Arriba Co., New Mexico  
API #30-039-21377

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 is ASTM Type II, mixed at 15.6ppg with a yield of 1.18 cf/sx.

1. Install and test location rig anchors. Prepare blow pit. Comply with all NMOCD, BLM, and Cordillera safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line. Blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP.
2. PU on tubing to release Model "G" seal assembly from Model F packer at 5815'. TOH and tally 1-1/2" EUE tubing, total 183 joints. LD seal assembly. Inspect tubing, if necessary use a workstring. Run a 4-1/2" wireline gauge ring or casing scraper to 5340'.
3. **Plug #1 (Mesaverde perforations, 5340' – 5240')**: TIH and set 4-1/2" cement retainer at 5340'. Pressure test tubing to 1000#. Load casing with water and circulate well clean. Pressure test casing to 500#. Mix 12 sxs cement and spot a balanced plug inside casing the CR to isolate the Mesaverde perforations. If casing does not test, spot or tag subsequent plugs as appropriate. PUH to 4025'.
4. **Plug #2 (7" Casing shoe and Pictured Cliffs top, 4025' – 3625')**: Mix 68 sxs cement and spot a balanced plug inside casing to cover 7" casing shoe and PC top. PUH to 3495'.
5. **Plug #3 (Fruitland, Kirtland and Ojo Alamo tops, 3495' – 3125')**: Mix 79 sxs cement and spot a balanced plug inside casing to cover through the Ojo Alamo top. TOH with tubing.
6. **Plug #4 (Nacimiento top, 1820 – 1720')**: Perforate 3 HSC squeeze holes at 1820'. Establish rate into squeeze holes if casing tested. Set a 7" cement retainer at 1770'. Establish rate into squeeze holes. Mix and pump 54 sxs cement, squeeze 26 sxs outside the casing and leave 28 sxs inside casing to cover the Nacimiento top. TOH and LD tubing.
7. **Plug #5 (10-3/4" casing shoe, 357' - Surface)**: Perforate 2 HSC squeeze holes at 357'. Establish circulation out bradenhead valve. Mix 160 sxs cement and pump down the 7" casing from 357' to surface, circulate good cement out bradenhead valve. Shut in well and WOC.
8. ND BOP and cut off wellhead below surface casing. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

# Tribal C #2A

Current

Blanco Mesaverde

SW, Section 6, T-26-N, R-3-W, Rio Arriba County, NM

API #30-039-2377

Today's Date: 12/17/01  
Spud: 6/4/77  
Comp: 9/10/77  
Elevation: 6955' GL

15" Hole

Nacimiento @ 1770' \*  
Estimate

Ojo Alamo @ 3175'

Kirtland @ 3420'

Fruitland @ 3455'

Pictured Cliffs @ 3675'

8-3/4" Hole

Mesaverde @ 5460'

6-1/4" Hole to TD

TD 6180'

10-3/4" 40.5# Casing set @ 307'  
300 sxs cement (Circulated to Surface)

## WELL HISTORY

**Aug '78:** Pull tubing; set Model F packer.

**Apr '87:** Replace one joint of tubing.

**Jan '99:** Swab well; 15 runs and recover  
86 bbls water.

TOC @ 2050' (TS)

1-1/2" EUE Tubing at 5844'  
(mule shoe, F nipple, 2 joints,  
seal assemble then 181 joints)

TOL @ 3875'

TOC @ 3916' (CBL)

7" 23#, K-55 Casing @ 3975'  
Cemented with 400 sxs

Mesaverde Perforations:  
5390' – 5728'

Baker Model "F" Packer @ 5815'  
with Model G locator seal assembly.

Mesaverde Perforations:  
5844' – 6060'

4-1/2" 10.5# Liner from 3875' to 6115'  
Cemented with 210 sxs  
(Reversed gel water with a  
trace of cement off TOL)

# **Tribal C #2A**

## **Proposed P&A**

Blanco Mesaverde

SW, Section 6, T-26-N, R-3-W, Rio Arriba County, NM

API #30-039-2377

Today's Date: 12/17/01  
Spud: 6/4/77  
Comp: 9/10/77  
Elevation: 6955' GL

15" Hole

Nacimiento @ 1770' \*  
Estimate

Ojo Alamo @ 3175'

Kirtland @ 3420'

Fruitland @ 3455'

Pictured Cliffs @ 3675'

8-3/4" Hole

Mesaverde @ 5460'

6-1/4" Hole to TD

TD 6180'

10-3/4" 40.5# Casing set @ 307'  
300 sxs cement (Circulated to Surface)

**Perforate @ 357'**      **Plug #5: 357' – Surface**  
Cement with 160 sxs

**Cmt Retainer @ 1733'**      **Plug #4: 1820' – 1720'**  
Cement with 54 sxs,  
**Perforate @ 1783'**      26 sxs outside casing  
and 28 inside.

TOC @ 2050' (TS)

**Plug #3: 3495' – 3125'**  
Cement with 79 sxs

**Plug #2: 4025' – 3625'**  
TOL @ 3875'      Cement with 68 sxs

TOC @ 3916' (CBL)

7" 23#, K-55 Casing @ 3975'  
Cemented with 400 sxs  
**Plug #1: 5340' – 5240'**  
**Set CIBP @ 5340'**      Cement with 12 sxs

Mesaverde Perforations:  
5390' – 5728'  
Baker Model "F" Packer @ 5815'  
with Model G locator seal assembly.

Mesaverde Perforations:  
5844' – 6060'

4-1/2" 10.5# Liner from 3875' to 6115'  
Cemented with 210 sxs  
(Reversed gel water with a  
trace of cement off TOL)

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. Tribal No. C2A

Location 1635' FSL & 1130' FWL Sec. 6, T26N, R3W, NMPM

Lease No. Jicarilla Contract 97

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 BIA. 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 can 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.