

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. BIA 14-20-603-1372
2. Name of Operator CORDILLERA ENERGY, INC.	6. If Indian, Allottee or Tribe Name NAVAJO
3. Address and Telephone No. 5802 HIGHWAY 64, FARMINGTON, NM 87401 Phone: (505) 632-8056	7. If Unit or CA, Agreement Designation
4. LOCATION OF WELL (Footage, Sec., T., R., M., or Survey Description) 1850' FSL & 710' FEL - UL "I" SEC. 11, T25N, R10W	8. Well Name and No. NAVAJO #3
	9. API Well No. 30-045-05483
	10. Field and Pool, Or Exploratory Area BASIN DAKOTA
	11. County or Parish, State SAN JUAN, NEW MEXICO

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

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other _____	<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 directionall 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 as outlined in attached report.

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

Signed Kay S. Chute Title PRODUCTION TECHNICIAN Date December 7, 2001

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

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.

FOR RECORD

*See Instruction on Reverse Side

11/2001

SHIRAZ OFFICE

NMOCD

A-PLUS WELL SERVICE, INC.

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

November 28, 2001

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Cordillera Energy Incorporated

Navajo #3

1850' FSL 710' FEL, Section 11, T-25-N, R-10-W
San Juan County, NM
Lease No. BIA 14-20-603-1372
API No. 30-045-05483

Plug & Abandonment Report

Cementing Summary:

Plug #1 with 51 sxs cement inside casing from 6640' to 6204' to fill Dakota perforations and cover top.

Plug #2 with 30 sxs cement with 2% CaCl₂ inside casing from 5618' to 5354' to cover Gallup top.

Plug #2b with 30 sxs cement inside casing from 5555' to 5291' to cover Gallup top.

Plug #3 with retainer at 3581', mix and pump 47 sxs cement, squeeze 30 sxs outside from 3634' to 3534' and leave 17 sxs inside to cover Mesaverde top.

Plug #4 with retainer at 2016', mix and pump 134 sxs cement, squeeze 92 sxs outside casing from 2082' to 1770' and leave 41 sxs inside casing to cover Fruitland and Pictured Cliffs tops.

Plug #5 with retainer at 1335', mix and pump 117 sxs cement, squeeze 77 sxs outside from 1395'; pressured up to 2000#, so spot 40 sxs above retainer to 1044' to cover Kirtland and Ojo Alamo tops.

Plug #6 with 107 sxs cement pumped down the 5-1/2" casing from 315' to surface, circulate good cement out bradenhead.

Plugging Summary:

Notified BLM on 11/19/01

11-19 MO, RU. Layout relief lines to pit. Blow down 480# casing pressure and 350# tubing pressure. ND wellhead; found jam nuts rusted. Use slap nuts to unseat donut. NU BOP and test. TOH with 60 joints 1-1/2" EUE tubing. SI well. SDFD.

11-20 Safety Meeting. Blow down 280# tubing and casing pressure. Continue to TOH with tubing and tally total of 209 joints. While TOH with tubing, well started flowing. Killed well twice with total 80 bbls water. RU A-Plus wireline truck. RIH with 4-3/4" gauge ring to 4533', unable to go deeper. POH. J. Morris with BLM, approved procedure change. TIH with open-ended tubing to 6640'. Plug #1 with 51 sxs cement inside casing from 6640' to 6204' to fill Dakota perforations and to cover top. PUH and WOC. Shut in well. SDFD.

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1850' FSL 710' FEL, Section 11, T-25-N, R-10-W
San Juan County, NM
Lease No. BIA 14-20-603-1372
API No. 30-045-05483

Plug & Abandonment Report

Plugging Summary Continued:

- 11-21** Safety Meeting. TIH with tubing and tag cement at 6062'. PUH to 5618'. Load casing with 58 bbls water and circulate well clean. Attempt to pressure test casing, bled down to 200# in 5 min. Plug #2 with 30 sxs cement with 2% CaCl₂ inside casing from 5618' to 5354' to cover Gallup top. PUH with tubing. Shut in well and WOC. TIH and tag cement at 5555', cement fell back below Gallup top. Attempt to pressure test casing, bled down to 375# in 10 min. Plug #2b with 30 sxs cement inside casing from 5555' to 5291' to cover Gallup top. PUH. Shut in well. SDFD.
- 11-22** Safety Meeting. TIH with tubing and tag cement at 5396'. Pressure test casing to 500#, held OK. TOH with tubing. Perforate 3 HSC squeeze holes at 3634'. Establish rate into squeeze holes 2 bpm at 200#. TIH and set 5-1/2" DHS retainer at 3581'. Pressure test tubing to 2000#, OK. Plug #3 with retainer at 3581', mix and pump 47 sxs cement, squeeze 30 sxs outside from 3634' to 3534' and leave 17 sxs inside to cover Mesaverde top. TOH with tubing. Perforate 3 HSC squeeze holes at 2082'. Establish rate into squeeze holes 1-1/2 bpm at 500#. Set 5-1/2" PlugWell wireline retainer at 2016'. TIH and sting into retainer. Establish rate of 1-1/2 bpm at 500#. Plug #4 with retainer at 2016', mix and pump 134 sxs cement, squeeze 92 sxs outside casing from 2082' to 1770' and leave 41 sxs inside casing to cover Fruitland and Pictured Cliffs tops. PUH. Shut in well. SDFD.
- 11-23** Safety Meeting. Perforate 3 HSC squeeze holes at 1395'. Establish rate into squeeze holes 1-1/2 bpm at 700#. Set 5-1/2" PlugWell wireline retainer at 1335'. TIH and sting into retainer. Establish rate into squeeze holes 1-1/2 bpm at 700#. Plug #5 with retainer at 1335', mix and pump 117 sxs cement, squeeze 77 sxs outside from 1395'; pressured up to 2000#, so spot 40 sxs above retainer to 1044' to cover Kirtland and Ojo Alamo tops. TOH and LD tubing. Perforate 3 HSC squeeze holes at 315'. Establish circulation out bradenhead with 15 bbls water. Plug #6 with 107 sxs cement pumped down the 5-1/2" casing from 315' to surface, circulate good cement out bradenhead. Shut in well and WOC. Dig out and cut off wellhead. Found cement down 6' in both the 5-1/2" casing and the 8-5/8" casing annulus. Mix 16 sxs cement to fill casing and annulus and then install P&A marker. RD and MOL.
- J. Morris with BLM representative, was on location November 26.