

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

ENERGEN RESOURCES CORPORATION

3a. Address

2198 Bloomfield Highway, Farmington, NM 87401

3b. Phone No. (include area code)

505-325-6800

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

1835' FNL, 1465' FWL, Sec. 26, T24N, R03W, N.M.P.M.

5. Lease Serial No.

SF-078914

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

Lindrith Unit

8. Well Name and No.

Lindrith Unit NP 116

9. API Well No.

30-039-23828

10. Field and Pool, or Exploratory Area

South Blanco Pictured Cliffs

11. County or Parish, State

Rio Arriba NM

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

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|-----------------------------------------------|------------------------------------------------------|----------------------------------------------------|-----------------------------------------|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other |
| <input type="checkbox"/> Change Plans | <input checked="" type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

It is intended to plug and abandon this well as per the attached plugging procedure.

RECEIVED
BLM
04 AUG 18 AM 10:34
DIO ALBUQUERQUE, N.M.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Vicki Donaghey

Title

Regulatory Analyst

Date 08/10/04

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

/s/ David R. Sitzler

Division of Multi-Resources

Title

Date AUG 18 2004

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, 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.

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979
Farmington, New Mexico 87499
505-325-2627 * fax: 505-325-1211

July 27, 2004

Energen Resources Corp.
2198 Bloomfield Highway
Farmington, NM 87401

Attn: Don Graham

Re: Cost Estimate - **Lindrith Unit #116**
NW, Section 26, T24N, R3W
Rio Arriba County, New Mexico

PC Well

Gentlemen:

A-Plus Well Service is pleased to provide you with this estimate to plug and abandon the referenced well. We have evaluated the attached plugging procedure and **A-Plus** agrees to provide:

- a double drum pulling unit with crew (24 rig hours),
- crew travel (pickup for 3 days with 8 hours travel),
- cement services (cementer 2.5 days and 160 sxs cement),
- two 4-1/2" wireline cement retainers,
- perforations (twice),
- storage tank and water,
- wellhead removal,
- and an installed P&A marker,

necessary for the plugging of this well.

It is our understanding that **Energen** will provide a tubing workstring if necessary, pit suitable for waste fluid holding and disposal of waste fluid from this well.

A-Plus will plug the referenced well for **\$15,620.00 plus tax**. If needed, additional Type III cement is \$11.74 per sack, FOB location and a 4-1/2" cement retainer is \$950.00.

Please review this proposal and advise us of any questions you may have. This cost estimate is based on the information that you have provided and the planned plugging procedure. In the event the planned procedure is modified or deviated from, then any additional work or services provided by A-Plus will be paid for by the operator in accordance with A-Plus' current price schedule.

We look forward to the opportunity to work for you.

Sincerely,

Bill Clark

PLUG AND ABANDONMENT PROCEDURE

7/27/04

Lindrith Unit #116

Blanco Pictured Cliffs

1835' FNL & 1465' FWL, Section 26, T24N, R3W
Rio Arriba County, New Mexico, API #30-039-23828

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 III, mixed at 14.8 ppg with a 1.32 cf/sx yield.

1. Install and test location rig anchors. Prepare blow pit. Comply with all NMOCD, BLM, and Energen safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line and blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP.
2. TOH and tally 1-1/4" tubing, total 3301'. If necessary LD tubing and PU workstring. Roundtrip 4.5" casing scraper or gauge ring to 3178'.
3. **Plug #1 (Pictured Cliffs perforations and Fruitland, Kirtland and Ojo Alamo tops, 3178' ✓ 2733')**: TIH and set 4-1/2" CR at 3178'. Pressure test the tubing to 1000#. Load casing with water and circulate the well clean. Pressure test casing to 800#. If casing does not test, then spot or tag subsequent plugs as appropriate. Spot 34 sxs Type III cement (45 cf) inside casing above CR to isolate the Pictured Cliffs perforations and cover through the Ojo Alamo top. TOH with tubing.
4. **Plug #2 (Nacimiento top, 1770 - 1670')**: Perforate 3 squeeze holes at 1770'. Attempt to establish rate into squeeze holes if the casing pressure tested. Set 4-1/2" cement retainer at 1720'. Establish rate into squeeze holes. Mix and pump 46 sxs Type III cement, squeeze 35 sxs outside the casing and leave 11 sxs inside casing. TOH and LD tubing.
5. **Plug #3 (8-5/8" Surface casing, 190' - Surface)**: Perforate 3 squeeze holes at 190'. Establish circulation out the bradenhead valve with water. Mix and pump approximately 60 sxs Type III cement down the 4-1/2" casing to circulate good cement out bradenhead valve. Shut well in and WOC.
6. ND BOP and cut off casing below surface casing flange. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

CONDITIONS OF APPROVAL FOR PERMANENT ABANDONMENT

Operator Energen Resources Corp Well Name Lindrith NP 116

1. Plugging operations authorized are subject to the "General Requirements for Permanent Abandonment of Wells on Federal Leases."
2. For wells on Federal leases, Alfonso Atencio with the Cuba Field Office is to be notified at least 24 hours (48 hours if possible) before the plugging operations commence. His phone number is (505) 289-3748, ext 218. Office hours are 7:45 a.m. to 4:30 p.m.

For wells on Jicarilla leases notify Bryce Hammond with the Jicarilla Apache Tribe at least 24 hours (48 hours if possible) before the plugging operations commence. His phone number is (505) 759-1783 ext. 28.

3. Blowout prevention equipment is required.
4. The following modifications to your plugging program are to be made :

None