

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

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)

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

1450' FSL, 1850' FEL, Sec. 22, T24N, R3W, N.M.P.M.

5. Lease Serial No.

SF-078913

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 12

9. API Well No.

30-039-23623

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

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☒ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ Other

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.)

Energen intends to plug and abandon this well as per the attached plugging procedure.

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

Name (Printed/Typed)

Don Graham

Title

Production Superintendent

Date 3/5/03

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

/s/ Brian W. Davis

Division of Multi-Resources

Date MAR 23 2003

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.

1450' FSL
880' FEL
BLM
PLUG & ABANDONMENT PROCEDURE

2/27/03

03 MAR -7 AM 11:35
Lindrith Unit NP #12

South Blanco Pictured Cliffs, N.M.
1450' FSL & 880' FEL, Section 22, T-24-N, R-3-W
Rio Arriba Co., New Mexico, API #30-039-23623

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

1. Install and test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and Energen safety rules and regulations. MOL and RU daylight pulling unit. Blow well down; kill with water if necessary. ND wellhead and NU BOP and stripping head; test BOP.
2. TOH and tally 1-1/4" tubing, total 3226'. If necessary LD tubing and PU workstring. Round-trip 4-1/2" gauge ring to 3147'.
3. **Plug #1 (Pictured Cliffs perforations and Fruitland, Kirtland and Ojo Alamo tops, 3147'-2715')**: TIH and set a 4-1/2" cement retainer at 3147'. Pressure test tubing to 1000#. Load casing with water and circulate well clean. Pressure test casing to 500#. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix 37 sxs cement and spot above retainer inside casing from 3147' to 2715' to cover Pictured Cliffs perforations and Fruitland, Kirtland and Ojo Alamo tops. If casing leaks, then increase cement volume to 50 sxs. WOC and tag cement. TOH with tubing.
4. **Plug #2 (Nacimiento top, 1345' - 1245')**: Perforate 3 squeeze holes at 1345'. Establish rate into squeeze holes if casing tested. Set 4-1/2" retainer at 1295'. Establish rate into squeeze holes. Mix 51 sxs cement and squeeze 39 sxs cement outside 4-1/2" casing and leave 12 sxs cement inside casing to cover the Nacimiento top. POH to 172'.
5. **Plug #3 (8-5/8" casing shoe, 172' - Surface)**: Fill casing and establish circulation. Mix and pump approximately 13 sxs cement down workstring and circulate good cement out 4-1/2" casing. POH and LD all tubing. SI 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.

Lindrith Unit NP #12

Current

03 MAR -7 AM 11:35

South Blanco Pictured Cliffs

SE, Section 22 T-24-N, R-3-W, Rio Arriba County, NM
API #30-039-23623

Today's Date: 02/27/03

Spud: 11/30/84

Completion: 01/16/85

Elevation: 7164' GL

12-1/4" hole

8-5/8", 24#, J55 Casing set @ 122'
Cmt w/ 100 Ft³ (Circulated to Surface)

Cement from 970' to surface

Well History

Jan 02': Fish parted 100% of tbgr. Attempt to test csg. Cut and pull 4-1/2" csg from 950' and tie-back with csg patch. Perforate at 970' and circulate cmt to surface. Clean out and run 1-1/4" tbgr to 3226'. Attempt to swab well in.

TOC @ 2300' (T.S.)

1-1/4" tubing @ 3226'

Nacimiento @ 1295'

Ojo Alamo @ 2765'

Kirtland @ 2960'

Fruitland @ 3060'

Pictured Cliffs @ 3190'

Pictured Cliffs Perforations:
3197' - 3253'

7-7/4" hole

4-1/2", 10.5#, K55 Casing set @ 3345'
Cemented with 289 Ft³

TD 3345'
PDTD 3329'

Lindrith Unit NP #12

Proposed P&A

South Blanco Pictured Cliffs

SE, Section 22 T-24-N, R-3-W, Rio Arriba County, NM

API #30-039-23623

03 MAR -7 AM 11:35

BLN

Today's Date: 02/279/03

Spud: 11/30/84

Completion: 01/16/85

Elevation: 7164' GL

Nacimiento @ 1295'

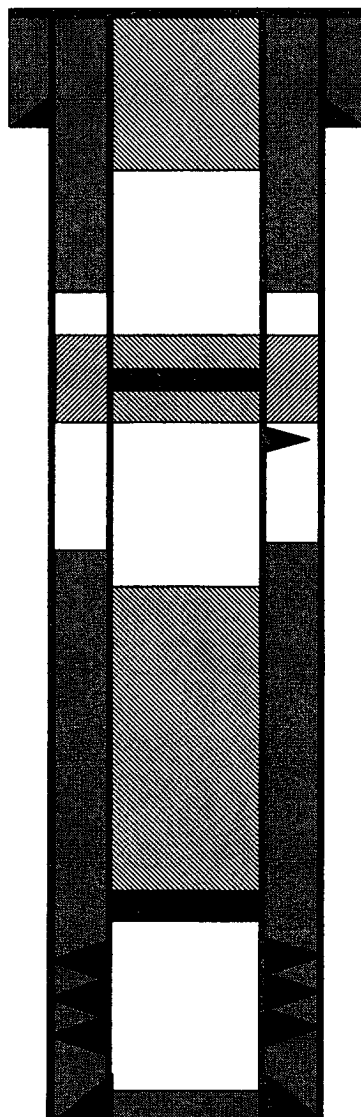
Ojo Alamo @ 2765'

Kirtland @ 2960'

Fruitland @ 3060'

Pictured Cliffs @ 3190'

7-7/4" hole



TD 3345'
PDTD 3329'

8-5/8", 24#, J55, Casing set @ 122'
Cmt w/ 100 Ft³ (Circulated to Surface)

Plug #3: 172' – Surface
Cement with approx. 13 sxs

Cmt Retainer @ 1295'

Perforate @ 1345'

Plug #2: 1345' – 1245'
Cement with 51 sxs,
39 sxs outside casing
and 12 sxs inside.

TOC @ 2300' (T.S.)

Plug #1: 3147' – 2715'
Cement with 37 sxs

Set CR at 3147'

Pictured Cliffs Perforations:
3197' - 3253'

4-1/2", 10.5#, K55 Casing set @ 3345'
Cemented with 289 Ft³