

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
June 19, 2008

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-039-21334
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. NMSF 078912
7. Lease Name or Unit Agreement Name: Lindrith Unit Com
8. Well Number 91
9. OGRID Number 162928
10. Pool name or Wildcat South Blanco Pictured Cliffs
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 7168' GL

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other
2. Name of Operator Energen Resources Corporation
3. Address of Operator 2010 Afton Place, Farmington, NM 87401
4. Well Location Unit Letter <u>N</u> : <u>1130'</u> feet from the <u>South</u> line and <u>1800'</u> feet from the <u>West</u> line Section <u>29</u> Township <u>24N</u> Range <u>02W</u> NMPM County <u>Rio Arriba</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 7168' GL

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☒
CASING/CEMENT JOB ☐

RCVD JUL 2 '13
OIL CONS. DIV.
DIST. 3

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Energen Resources permanently plugged and abandoned the Lindrith Unit Com 91 according to the attached procedure.

OCD was notified that bradenhead pressure was 30psi at the beginning of P&A operations. Pressure bled off and did not build back up, so no bradenhead gas samples were able to be taken. Received verbal authorization to continue P&A activities.

Approved for plugging of wellbore only.

Liability under bond is retained pending.

Receipt of C-103 (Subsequent Report of Well Plugging) which may be found @ OCD web

Spud Date page under forms
www.emnrd.state.us/oed

Rig Release Date:

4/4/13

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Collin Placke TITLE District Engineer DATE 7/1/13
Type or print name Collin Placke E-mail address: cplacke@energen.com PHONE 505.325.6800

For State Use Only

APPROVED BY [Signature] TITLE Deputy Oil & Gas Inspector, District #3 DATE 7/5/13
Conditions of Approval (if any): AV

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979

Farmington, New Mexico 87499

505-325-2627 *fax: 505-325-1211

Energen Resource Corporation
Lindrieth Unit Com #91

April 4, 2013
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1130' FSL and 1800' FWL, Section 29, T-24-N, R-02-W
Rio Arriba County, NM
Lease Number: Fee
API #30-039-21334

Plug and Abandonment Report Notified NMOCD and BLM on 3/28/13

Plug and Abandonment Summary:

- Plug #1** with existing CIBP at 2995' with 12 sxs Class B cement inside casing from 2995' to 2560' to isolate the Pictured Cliffs interval and cover the Fruitland, Kirtland and Ojo Alamo tops.
- Plug #2** with CR at 1382', mix and pump 44 sxs Class B cement, squeeze 35 sxs outside 2-7/8" casing and leave 9 sxs inside casing to cover the Nacimiento top.
- Plug #3** mix and pump 57 sxs Class B cement down 2-7/8" casing from 160' to surface, circulate good cement to pit.
- Plug #4** spot 28 sxs Class B cement to top off surface casing and install P&A marker.

Plugging Work Details:

- 3/28/13 MOL and RU. Check well pressures: casing 50# and bradenhead 20#. Note: no tubing in well. Layout relief lines and blow well down. ND wellhead. NU BOP and test. Change over for 1-1/4" tubing. Round trip 2-1/4" gauge ring to 3030'. PU 2-7/8" wireline CIBP and RIH; set at 3006'. SI well. SDFD.
- 3/29/13 Check well pressures: casing 45# and bradenhead 30#. Blow well down. RU Basin Wireline Truck. Top well off with 17 bbls of water. Run CBL from 3006' (top of existing CIBP) to surface. Log shows TOC at 2350'. No bond from 2350' to 610' and bond from 610' to 210'. No cement to surface. Emailed log to Collin Placke, Energen and Charlie Perrin, NMOCD for review. SI well. SDFD.
- 4/1/13 Open up well; no pressures. Casing on a vacuum. Bradenhead was left open to vent. SI bradenhead for 10 minutes; pressure was 5#. TIH with 92 joints tubing workstring and tag existing CIBP at 2995'. Circulate well clean with 16 bbls of water. Attempt to pressure test casing 750#; leak 1 bpm. Spot Plug #1 with existing CIBP at 2995' with 12 sxs Class B cement inside casing from 2995' to 2560' to isolate the Pictured Cliffs interval and cover the Fruitland, Kirtland and Ojo Alamo tops. TOH with tubing. SI well and WOC. Note: supervisor and 2 hands stayed behind to check bradenhead pressure and catch gas sample. After 2 hours bradenhead pressure was less than 1#; unable to catch sample. SDFD.

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Energen Resource Corporation
Lindrith Unit Com #91

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Plugging Work Details Cont'd:

- 4/2/13 Check well pressures: casing 0# and bradenhead less than 1#; unable to catch gas sample. TIH with tubing and tag Plug #1 good at 2572'. Attempt to pressure test casing; leak 1 bpm at 750#. C. Perrin, NMOCD, approved to continue P&A as approved. TOH with tubing. Perforate 3 bi-wire squeeze holes at 1382'. PU 2-7/8" wireline cement retainer and RIH; set at 1382'. PU stinger and TIH. Attempt to pressure test casing; same results. Sting into CR and establish rate into squeeze holes 2 bpm at 950#. Plug #2 with CR at 1382', mix and pump 44 sxs Class B cement, squeeze 35 sxs outside 2-7/8" casing and leave 9 sxs inside casing to cover the Nacimiento top. TOH and LD tubing. SI well. SDFD.
- 4/3/13 Check well pressures: casing 23# and bradenhead 0#. Open up well and blow down pressure. TIH with tubing and tag Plug #2 good at 1100'. TOH and LD tubing. Attempt to pressure test casing, leak 1 bpm at 700#. Perforate 3 bi-wire squeeze holes at 160'. Note: John Durham with NMOCD approved procedure change. Perform dye test; bradenhead circulated 1.5 bbls and circulated dye in returns after 9.5 bbls. Note: John Durham approved procedure change. Plug #3 mix and pump 57 sxs Class B cement down 2-7/8" casing from 160' to surface, circulate good cement to pit. SI well and WOC. Dig out wellhead. ND BOP. Issue Hot Work Permit. Cut off wellhead. Found cement at surface in 8-5/8" x 2-7/8" annulus and down 46' in 2-7/8" casing. RD rig and equipment. Plug #4 spot 28 sxs Class B cement to top off surface casing and install P&A marker. SDFD.
- 4/4/13 MOL.

John Durham, NMOCD representative, was on location.