

Submit 1 Copy To Appropriate District Office  
 District I  
 1625 N. French Dr., Hobbs, NM 88240  
 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  
 October 13, 2009

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

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		WELL API NO. 30-039-005518
2. Name of Operator Energen Resources		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
3. Address of Operator 2010 Afton Place, Farmington, NM 87401		6. State Oil & Gas Lease No.
4. Well Location Unit Letter <u>M</u> : <u>800'</u> feet from the <u>South</u> line and <u>990'</u> feet from the <u>West</u> line Section <u>09</u> Township <u>24N</u> Range <u>03W</u> NMPM Rio Arriba County		7. Lease Name or Unit Agreement Name Lindrith Unit
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6876' GL		8. Well Number Lindrith Unit #20
9. OGRID Number 162928		10. Pool name or Wildcat Pictured Cliffs

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

<b>NOTICE OF INTENTION TO:</b> PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input checked="" type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/>		<b>SUBSEQUENT REPORT OF:</b> REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

See Attached Procedure for detailed plans to Plug and Abandon the Lindrith Unit #20

RCVD DEC 21 '09

OIL CONS. DIV.

DIST. 3

Notify NMOCD 24 hrs prior to beginning operations

Spud Date:

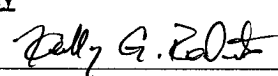
Rig Release Date:

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

SIGNATURE  TITLE District Engineer DATE 12/11/2009

Type or print name Martín Cabrera E-mail address: mcabrera@energen.com PHONE: (505)486-4739

For State Use Only

APPROVED BY:  TITLE Deputy Oil & Gas Inspector, District #3 DATE DEC 3 1 2009

Conditions of Approval (if any):



## PLUG AND ABANDONMENT PROCEDURE

October 22, 2009

### Lindrith Unit #20

South Blanco Pictured Cliffs

800' FSL, 990' FWL, Section 9, T24N, R3W, Rio Arriba County, New Mexico

API 30-039-05518 / Long \_\_\_\_\_ / Lat: \_\_\_\_\_

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 will be Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. This project requires a NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
2. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
3. Rods: Yes\_\_\_\_, No X, Unknown\_\_\_\_.  
Tubing: Yes\_\_\_\_, No X, Unknown\_\_\_\_, Size \_\_\_\_\_, Length \_\_\_\_\_.  
Packer: Yes\_\_\_\_, No X, Unknown\_\_\_\_, Type \_\_\_\_\_.  
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.
3. PU workstring. Round-trip 5.5" casing scraper or wireline gauge ring to 2990' or as deep as possible.
4. **Plug #1 (Pictured Cliffs interval, Fruitland, Kirtland and Ojo Alamo tops, 2990' – 2514')**: TIH and set 5.5" CR at 2990'. Pressure test tubing to 1000#. Load casing with water and circulate well clean. **Note: suspect casing leak.** Pressure test casing to 500#. *If the casing does not test, then spot or tag subsequent plugs as appropriate.* Mix 60 sxs Class B cement and spot a balanced plug inside the casing above the CR to isolate the Pictured Cliffs interval and cover through the Ojo Alamo top. TOH.
5. **Plug #2 (Nacimiento top, 1179' – 1079')**: Perforate 3 HSC squeeze holes at 1179'. If the casing tested, then attempt to establish rate into the squeeze holes. Set a 5.5" cement retainer at 1129'. Establish rate below CR. Mix and pump 60 sxs Class B cement, squeeze 43 sxs outside the casing and leave 17 sxs inside the casing to cover the Nacimiento top. TOH and LD tubing.
6. **Plug #3 (9.625" Surface casing shoe, 182' - Surface)**: Perforate 3 squeeze holes at 182'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix approximately 80 sxs Class B cement and pump down the 5.5" casing to circulate good cement out bradenhead. Shut in well and WOC.
7. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.