

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

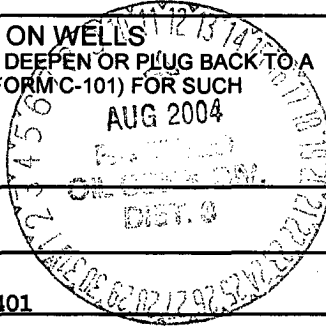
State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised May 08, 2003

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

WELL API NO. 30-045-08389
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. F-6515
7. Lease Name or Unit Agreement Name: Schultz Com A
8. Well Number 5
9. OGRID Number
10. Pool name or Wildcat Aztec Pictured Cliffs

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 2198 Bloomfield Highway; Farmington, NM 87401	
4. Well Location Unit Letter <u>D</u> : <u>990</u> feet from the <u>North</u> line and <u>990</u> feet from the <u>West</u> line Section <u>16</u> Township <u>29N</u> Range <u>10W</u> NMPM County <u>San Juan</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5762 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 COMPLETION ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

- REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
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.

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

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

SIGNATURE Vicki Donaghey TITLE Regulatory Analyst DATE 08/10/04

Type or print name Vicki Donaghey Telephone No. _____

(This space for State use)
APPROVED BY Charles TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 98 DATE AUG 11 2004
Conditions of approval, if any: _____

PLUG & ABANDONMENT PROCEDURE

7/7/04

Schultz Com A #5

Aztec Pictured Cliffs

990' FNL & 990' FWL, Section 16, T-29-N, R-10-W

San Juan Co., New Mexico, API #30-045-08389

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 ASTM Type III, mixed at 14.5 ppg with a 1.39 cf/sx yield.

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. Round-trip 5-1/2" gauge ring to 1028' (tight spot May '04 at 120'). MU DHS CR stinger and TIH while tally and PU 2-3/8" workstring to existing CR at 1662'. Sting into retainer and attempt to establish injection below retainer. Note: When retainer was set in 5/04 a solid bottom was tagged at 1667' and may be unable to establish injection below retainer. **If injection below retainer is established do not sting out of retainer until cement for plug #1 is pumped below retainer.**
3. **Plug #1 (Pictured Cliffs open hole interval and Fruitland Coal top, 2203'–1612')**: Mix and pump 94 sxs Type III cement, squeeze 84 sxs below CR and spot 10 sxs above CR inside 5-1/2" casing to isolate the PC interval and Fruitland Coal top. LD 10 joints of tubing and load hole with water. Circulate well clean and pressure test casing to 500#. LD tubing to 1028' and TOH with remaining tubing. Note: If unable to establish injection below retainer in step 2 above. load the well and spot 10 sxs cement on top of retainer.
4. **Plug #2 (Kirtland and Ojo Alamo tops, 1078' – 804')**: Perforate 3 squeeze holes at 1078'. Attempt to establish rate into squeeze holes if casing pressure tested. TIH and set 5-1/2" casing 1028'. Mix 105 sxs Type III cement, squeeze 72 sxs outside the casing and leave 33 sxs inside casing. TOH and LD tubing.
5. **Plug #3 (8-5/8" casing shoe, 147' – Surface)**: Perforate 3 squeeze holes at 147'. Establish circulation out the bradenhead valve with water. Mix and pump approximately 60 sxs Type III cement down the 5-1/2" casing to circulate good cement out bradenhead valve. Shut well in and WOC. Note: Possible hole in casing at 120'; if casing does not pressure test prior to perforating at 147' set a CR at 90' and pump plug #3.
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.