

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. 03-045-08334
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. E-9229
7. Lease Name or Unit Agreement Name: New Mexico A Com
8. Well Number 1
9. OGRID Number 162928
10. Pool name or Wildcat Basin Dakota

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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	
4. Well Location Unit Letter <u>H</u> : <u>1850</u> feet from the <u>North</u> line and <u>790</u> feet from the <u>East</u> line Section <u>16</u> Township <u>29N</u> Range <u>12W</u> NMPM County <u>San Juan</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5776' top of tubing head	

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.

Energen Resources intends 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 Don Graham TITLE Production Superintendent DATE 3/29/04

Type or print name Don Graham

Telephone No. 505-325-6800

(This space for State use)

APPROVED BY Charles H. TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #2 DATE MAR 31 2004  
Conditions of approval, if any:

## PLUG & ABANDONMENT PROCEDURE

3/23/04

### New Mexico A #1

Basin Dakota

1850' FNL & 790' FEL, Section 16, T-29-N, R-12-W  
San Juan Co., New Mexico, API #30-045-08334

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 204 joints 2-3/8" tubing and seal assembly, total 6310'. Visually inspect tubing while POH and if necessary LD tubing and PU workstring.
3. Round trip 4-1/2" casing scraper of gauge ring to 6300'. MU pump lines on bradenhead. Load Bradenhead annulus and pressure test to 250 psi. Note: Track number of bbls to load annulus to find cement top in 8-5/8" x 4-1/2" annulus.
4. **Plug #1 (Dakota perforations and top, 6300'–6200')**: TIH and set a 4-1/2" cement retainer at 6300'. Pressure test tubing to 1000#. Load casing with water and circulate well clean. Pressure test casing to 800#. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix 12 sxs cement and spot a balanced plug above retainer inside casing to cover the Dakota top. LD tubing to 5475'.
5. **Plug #2 (Gallup top, 5475' – 5375')**: Mix 12 sxs cement and spot a balanced plug to cover the Gallup top. LD tubing to 3406' and POOH with remaining stands.
6. **Plug #3 (Mesaverde top, 3406'–3306')**: RU wireline. GIH and perforate 3 HSC holes at 3406'. POH with guns. If casing pressure tested prior to perforating, establish injection into perforations. TIH and set a 4-1/2" cement retainer at 3356'. Mix and pump 51 sxs cement, squeeze 39 sxs outside casing and leave 12 sxs inside to cover the Mesaverde top. LD tubing to 1850'.
7. *Chavira* **Plug #4 (Pictured Cliffs and Fruitland tops, 1850' – 1440')**: Mix 35 sxs cement and spot a balanced plug to cover the Pictured Cliffs and Fruitland tops. LD tubing to 580'.
8. **Plug #5 (Kirtland and Ojo Alamo tops, 8-5/8" casing shoe, 580' – Surface)**: If the 8-5/8" x 4-1/2" annulus did test to 250 psi, then mix and pump approximately 44 sxs cement to circulate good cement out the 4-1/2" casing valve. POOH and LD remaining tubing. If 8-5/8" x 4-1/2" annulus did not test to 250 psi, POOH with tubing. RIH and perforate 3 squeeze holes at 350'. Establish circulation out the bradenhead valve with water. Mix and pump approximately 82 sxs cement down the 4-1/2" casing to circulate good cement out bradenhead valve. Shut well in and WOC.
9. 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.