

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

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

Form C-103
Revised May 08, 2003

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. 30-045-20872
2. Name of Operator ENERGEN RESOURCES CORPORATION	5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
3. Address of Operator 2198 Bloomfield Highway; Farmington, NM 87401	6. State Oil & Gas Lease No. E-3148-7
4. Well Location Unit Letter <u>H</u> : <u>1600</u> feet from the <u>North</u> line and <u>1000</u> feet from the <u>East</u> line Section <u>36</u> Township <u>26 N</u> Range <u>11 W</u> NMPM County <u>San Juan</u>	7. Lease Name or Unit Agreement Name: Burroughs State Com
	8. Well Number 2
	9. OGRID Number
	10. Pool name or Wildcat Basin Dakota
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6434 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.

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 4/1/04

Type or print name Don Graham Telephone No. 505-325-6800

(This space for State use)

APPROVED BY Charles R. TITLE DEPUTY OIL & GAS INSPECTOR, DIST. III DATE APR - 5 2004
Conditions of approval, if any:

PLUG & ABANDONMENT PROCEDURE

3/29/04

Burroughs State Com #2

Basin Dakota

1600' FNL & 1000' FEL, Section 36, T-26-N, R-11-W

San Juan Co., New Mexico, API #30-045-20872

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. Release R3 packer at 4043'. TOH and tally 2-3/8" tubing, total 6281'. LD packer. Visually inspect tubing while POH and if necessary LD tubing and PU workstring.
3. Round trip 4-1/2" casing scraper or gauge ring to 6145'.
4. **Plug #1 (Dakota perforations and top, 6145'–6045')**: TIH and set a 4-1/2" cement retainer at 6145'. Pressure test tubing to 1000#. Load casing with water and circulate well clean if possible, known casing problems 2740' – 3200' and casing did not test after last workover. Mix 16 sxs cement and spot a balanced plug above retainer inside casing to cover the Dakota top. Note: Excess cement due to casing leak. LD tubing to 5125' and POOH standing back remaining tubing.
5. **Plug #2 (Gallup top, 5175' – 5075')**: RU wireline. GIH and perforate 3 HSC holes at 5175'. POH with guns. If casing pressure tested prior to perforating, establish injection into perforations. TIH and set a 4-1/2" cement retainer at 5125'. Mix and pump 51 sxs cement, squeeze 39 sxs outside casing and leave 16 sxs inside to cover the Gallup top. Note: Excess cement due to casing leak. LD tubing to 2495' and POOH standing back remaining tubing.
6. **Plug #3 (Mesaverde top, 2495'–2395')**: RU wireline. GIH and perforate 3 HSC holes at 2495'. POH with guns. If casing pressure tested prior to perforating, establish injection into perforations. TIH and set a 4-1/2" cement retainer at 2445'. Load and circulate well and pressure test casing to 500#. Mix and pump 51 sxs cement, squeeze 39 sxs outside casing and leave 16 sxs inside to cover the Mesaverde top. Note: Excess cement due to casing leak. LD tubing to 1610'.
7. **Plug #4 (Pictured Cliffs and Fruitland tops, 1610' – 1205')**: Mix 35 sxs cement and spot a balanced plug to cover the Pictured Cliffs and Fruitland tops. LD tubing to 683'. Note: If casing does not pressure test after setting CR at 2445' above, increase cement volume on plug #4.
8. **Plug #5 (Kirtland and Ojo Alamo tops, 733' – 530')**: RU wireline. GIH and perforate 3 HSC holes at 733'. POH with guns. If casing pressure tested prior to perforating, establish injection into perforations. TIH and set a 4-1/2" cement retainer at 683'. Mix and pump 99 sxs cement, squeeze 79 sxs outside casing and leave 20 sxs inside to cover the Mesaverde top. LD remaining tubing.
9. **Plug #5 (8-5/8" casing shoe and surface, 268' – surface)**: RIH and perforate 3 squeeze holes at 268'. Establish circulation out the bradenhead valve with water. Mix and pump approximately 75 sxs cement down the 4-1/2" casing to circulate good cement out bradenhead valve. Shut well in and WOC.
10. 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.