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Form C-103 Submit 3 Copies To Appropriate District State of New Mexico Energy, Minerals and Natural Resources May 27, 2004 District I WELL API NO. 1625 N. French Dr., Hobbs, NM 87240 30-045-23540 District II OIL CONSERVATION DIVISION 1301 W. Grand Ave., Artesia, NM 88210 5. Indicate Type of Lease 1220 South St. Francis Dr. District III STATE 🔀 FEE 1000 Rio Brazos Rd., Aztec, NM 87410 Santa Fe, NM 87505 District IV 6. State Oil & Gas Lease No. 1220 S. St. Francis Dr., Santa Fe, NM 87505 SUNDRY NOTICES AND REPORTS ON WELLS 7. Lease Name or Unit Agreement Name: (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A Wright State Com DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 8. Well Number 1. Type of Well: Oil Well Gas Well X Other 2. Name of Operator 9. OGRID Number Energen Resources Corporation 162928 3. Address of Operator 10. Pool name or Wildcat 2198 Bloomfield Highway, Farmington, NM 87401 Blanco Mesaverde 4. Well Location feet from the South Unit Letter line and feet from the line Township Range San Juan 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5858' KB or Closure Pit or Below-grade Tank Application 🔯 Pit type Wkovr Depth to Groundwater >100' Distance from nearest fresh water well 1000' Distance from nearest surface water >1000' Pit Liner Thickness: Below-Grade Tank: Volume\_\_\_\_\_ \_bbls; Construction Material \_ 12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK ALTERING CASING **TEMPORARILY ABANDON CHANGE PLANS** COMMENCE DRILLING OPNS. PLUG AND **ABANDONMENT PULL OR ALTER CASING** CASING TEST AND MULTIPLE COMPLETION **CEMENT JOB** OTHER: 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 plugged and abandoned the Wright State Com #1A on 12/08/05 as per the attached plugging procedure. I hereby certify that the information above is true and complete to the best of my knowledge and relief. I further certify that any pit or belowgrade tank has been/will be constructed or closed according to NMOCD guidelines X , a general permit or an fattached) alternative OCD-approved plan SIGNATURE. Regulatory Analyst TITLE\_\_\_\_ E-mail address: vdonaghe@energen.com Type or print name Vicki Donaghey Telephone No. 505.325.6800 For State Use Only DEPUTY OIL & GAS INSPECTOR, DIST

TITLE

APPROVED BY

Conditions of Approval, if any:

## A-PLUS WELL SERVICE, INC.

P.O. BOX 1979

Farmington, New Mexico 87499 505-325-2627 \* fax: 505-325-1211

Energen Resources Corporation Wright State Com #1A

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805' FSL & 990' FEL, Section 36, T-32-N, R-13-W San Juan County, NM Lease Number: Fee API #30-045-23540

Plug and Abandonment Report

Notified BLM on 11/30/05 Notified NMOCD on 12/5/05

## **Work Summary:**

11/30/05 MOL. RU. Check well pressures: casing and tubing 360#. Bled well down to 150#. Kill well with 40 bbls of water. ND wellhead. NU BOP. SDFD.

12/1/05 Check well pressures: casing and tubing 340#. Bled well down to 140#. Pump 40 bbls of water down casing and 20 bbls of water down tubing to kill well. TOH and tally 148 joints 2.375" tubing, total 4526'. Note: LD 4 joints bad tubing. TIH with 4.5" DHS cement retainer; set at 4404'. Pressure test tubing to 1000# for 3 minutes. Circulate casing clean with 50 bbls of water. Attempt to pressure test casing to 500#, bled down to 0# in 1 minute.

**Plug #1** with CR at 4404', spot 59 sxs Type III cement (77 cf) inside casing from 4044' up to 3606' to cover the Mesaverde perforations and top. PUH and WOC. SDFD.

12/2/05 Open well; no pressure. Attempt to pressure test casing to 500#; bled down to 0# in 1 minute. RIH with wireline and tag cement low at 3890'. TIH with tubing and tag cement at 3890'. PUH to 3884'.

**Plug #1A** spot 30 sxs Type III cement (40 cf) inside casing from 3884' to 3450' to cover the Mesaverde top.

PUH and WOC. Attempt to pressure test casing; leak. RIH with wireline and tag cement at 3538'. Perforate 3 squeeze holes at 2910'. TIH with 4.5" DHS cement retainer; set at 2848'. Pressure test casing to 500# for 3 minutes. Attempt to establish rate into squeeze holes; pressured up to 800#.

**Plug #2** with CR at 2848', spot 10 sxs Type III cement (13 cf) inside casing from 2848' up to 2700' to cover the Chacra top.

PUH to 2136'.

**Plug #3** with 41 sxs Type III cement (54 cf) inside casing from 2136' to 1595' to cover the Pictured Cliffs and Fruitland tops. PUH. SDFD.

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## **Work Summary - Continued:**

12/5/05 TIH with open-ended tubing to 1243'; POH. RIH with wireline and tag cement at 1579'. Perforate 3 squeeze holes at 1220'. Establish circulation out bradenhead with 6 bbls of water. NMOCD approved procedure change due to bradenhead water flow. TOH and LD tubing. Establish circulation out bradenhead with 2 bbls of water. Plug #4 mix and pump 260 sxs Type III cement (343 cf) down 4.5" casing from 1220'; ran out of cement. Displace cement to 800' in 4.5" casing and circulate good cement out bradenhead. Shut in well. SDFD.

12/6/05 TIH with tubing and tag cement at 839'.

Plug #5 mix and pump 63 sxs Type III cement (83 cf) from 839' to surface with good cement returns out casing valve.

TOH and LD tubing. ND BOP. Dig out and cut off wellhead. Found cement at surface in annulus and casing. Mix 10 sxs Type III cement and install P&A marker. RD and MOL.

H. Villanueva, NMOCD representative, was on location 12/5/05.