

Form C-103 State of New Mexico Submit 3 Copies To Appropriate District Office Energy, Minerals and Natural Resources May 27, 2004 District I WELL API NO. 1625 N. French Dr., Hobbs, NM 87240 30-045-08334 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 X 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 E-9229 SUNDRY NOTICES AND REPORTS ON WELLS 1 67 7. Lease Name or Unit Agreement Name: (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A New Mexico A Com DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT", (FORM C-101) FOR SUCH PROPOSALS.) 8. Well Number 1. Type of Well: Oil Well Gas Well Other 9. OGRID Number 2. Name of Operator Energen Resources Corporation 162928 10. Pool name or Wildcat 3. Address of Operator 2198 Bloomfield Highway Basin Dakota Well Location 1850 feet from the North 790 feet from the East Unit Letter line and _ line Township Range **NMPM** 16 County San Juan 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5776' top of tubiong head or Closure Pit or Below-grade Tank Application _ Depth to Groundwater _ _ Distance from nearest fresh water well ___ ____ Distance from nearest surface water _ 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** CASING TEST AND **PULL OR ALTER CASING 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. This well was plugged and abandoned on 03/11/05 as per the attached P&A report. I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or belowgrade tank has been/will be constructed or closed according to NMOCD guidelines _____, a general permit ____or an (attached) alternative OCD-approved plan _____ SIGNATURE. . TITLE_ Regulatory Analyst DATE __ E-mail address: vdonache@energen.com Type or print name Vicki Donaghey Telephone No. 505-325-6800 For State Use Only CEPUTY OIL & GAS INSPECTOR, DIST. 413 APPROVED BY_ DATE 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 Corp. New Mexico A Com #1

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1850' FNL & 790' FEL, Section 16, T-29-N, R-12-W San Juan County, NM Lease Number: State E-9229 API #30-045-08334

Plug & Abandonment Report

Work Summary:

Notified NMOCD on 3/7/05

- 3/7/05 MOL and RU rig. Well pressures: 170# tubing, 220# casing, light blow on bradenhead. Blow down well. ND wellhead. NU BOP, test. PU on tubing and work seal assembly free from Model D packer pulling 48,000#. Blow well down to pit. TOH with 2.375" EUE tubing. Shut in well.
- 3/8/05 Continue to TOH with 204 joints tubing. RU wireline and round trip 4.5" gauge ring to 6300'. TIH and set 4.5" DHS CR to 6292'. Pressure test tubing to 1500#. Sting out of CR. Load casing with 150 bbls of water and circulate well clean. Attempt to pressure test casing, leak 2 bpm at 200#. Connect pump line to bradenhead valve. Pump 12.5 bbls water into BH annulus; pressured up to 300# then bled down to 0# in 1 minute. Connect pump line to tubing.

Plug #1 with CR at 6292', spot 16 sxs Type III cement (21 cf) inside the casing above CR up to 6056' to isolate the Dakota perforations and to cover the top. PUH to 5429'. Shut in well and WOC overnight.

3/9/05 TIH with tubing and tag cement at 6076'. Attempt to pressure test casing, leak 1 bpm at 500#. PUH to 5486'.

Plug #2 with 14 sxs Type III cement (18 cf) inside the casing from 5486' up to 5279' to cover the Gallup top.

PUH to 4740'. WOC and then TIH and tag cement at 5342'. Perforate 3 holes at 3410'. Set 4.5" Plug Well wireline CR at 3361'. TIH with stinger and sting into tubing. Plug #3 with CR at 3361', mix and pump 47 sxs Type III cement (62 cf), squeeze 39 sxs outside the casing from 3410' to 3310' and then leave 11 sxs inside up to 3260' to cover the Mesaverde top.

TOH with tubing. Shut in well and WOC overnight.

3/10/05 RU Wireline unit and RIH to tag cement at 3102'. Had to work wireline tools down through paraffin at 1100'. PUH and perforate 3 holes at 2855'. TIH and set 4.5" DHS CR at 2805'. Attempt to establish rate into squeeze holes, pressured up to 2500#. Procedure change approved by D. Davis with NMOCD.

Plug #4 with CR at 2805', spot 12 sxs Type III cement (16 cf) inside the casing above the CR up to 2629' to cover the Chacra top.

TOH with tubing. Shut in well and WOC overnight.

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Energen Resources Corp. **New Mexico A #1**

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1850' FNL & 790' FEL, Section 16, T-29-N, R-12-W San Juan County, NM Lease Number: State E-9229, API #30-045-08334

Plug & Abandonment Report

Work Summary Continued:

3/11/05 TIH with tubing and tag cement at 2651'. PUH to 1855'. RU hot oil unit and circulate casing and tubing clean with hot water. TOH with tubing.

TIH with tubing to 1855'. Attempt to pressure test casing, leak 1 bpm at 500#.

Plug #5 with 40 sxs Type III cement (53 cf) inside the casing from 1855' up to 1264' to cover the Pictured Cliffs and Fruitland tops.

TOH with tubing. WOC and then RIH with wireline and tag cement at 1465'.

TIH with tubing to 1450'. Establish circulation with 2 bbls of water.

Plug #5a with 20 sxs Type III cement (26 cf) inside the casing from 1465' up to 1170' to cover the Pictured Cliffs and Fruitland tops.

TOH with tubing and shut in well to WOC.

Pressure test 4.5" casing to 750#, held OK. RIH with wireline and tag cement at 1180'. Perforate 3 holes in 4.5" casing at 350'; requested by NMOCD. TIH with tubing to 586'.

Plug #6 with 15 sxs Type III cement (20 cf) inside the casing from 586' up to 366' to cover the Kirtland and Ojo Alamo tops.

TOH and LD tubing.

Open bradenhead valve. Attempt to circulate to the surface out the bradenhead by pumping down the casing. No communication. Established rate into squeeze holes at 350' ½ bpm at 1750#.

Plug #7 with 37 sxs Type III cement (49 cf) pumped down the 4.5" casing from surface to 350', pressured up to 2500#.

Shut in casing valve. Connect pump line to the bradenhead valve.

Plug #7a with 30 sxs Type III cement (40 cf) pumped into the bradenhead annulus from surface to 350', pressured up to 2500#. Shut in well and WOC overnight.

3/12/05 ND BOP. Dig out and cut off wellhead. Found cement at the surface in casing and annulus. Install P&A marker with 20 sxs Type III cement. RD and MOL.

D. Davis, NMOCD, was on location.