Form 3160-5 (April 2004)

### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB NO. 1004-0137 Expires March 31, 2007

5. Lease Serial No.

#### SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an

Jicarilla Contract 99 6. If Indian, Allottee or Tribe Name

| abandoned well. Use Form 3160-3 (APD) for such proposals.  SUBMIT IN TRIPLICATE - Other instructions on reverse side   |                            |  | Jicarilla Apache  7. If Unit or CA/Agreement, Name and/or No |   |
|--|----------------------------|--|--|---|
|  |                            |  |  |   |
| ENERGEN RESOURCES CORPORATION  |                            |  |  | 9. API Well No.                               |
| 3a. Address  |                            | 3b. Phone No. (include ar                      | rea code)  | 30-039-20167                                  |
| 2198 Bloomfield Highway, Farmington, NM 87401  |                            | 505-325-6800                                   |  |   |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)   |                            |  |  | Gavilan Pictured Cliffs                       |
| 990' FNL, 1650' FWL, Sec. 14, T26N, R03W, N.M.P.M.   |                            |  |  |   |
|  |                            |  |  | 11. County or Parish, State                   |
|  |                            |  |  | Rio Arriba NM                                 |
| 12. CHECK APPROPRIATE  | BOX(ES) TO IND             | ICATE NATURE OF                                | NOTICE, REP  | PORT, OR OTHER DATA                           |
| TYPE OF SUBMISSION   | TYPE OF ACTION             |  |  |   |
| Notice of Intent   | Acidize                    | Deepen   | Productio  | n (Start/Resume) Water Shut-Off               |
|  | Alter Casing               | Fracture Treat                                 | Reclamati  | ion Well Integrity                            |
| X Subsequent Report  |                            |  | $\equiv$   |   |
| <del>_</del>   | Casing Repair              | New Construction                               | Recomple   | Other   |
| Final Abandonment Notice   | Change Plans               | X Plug and Abandon                             | Temporar   | ily Abandon                                   |
|  | Convert to Injection       | n Plug Back                                    | Water Dis  | sposal  |
| Energen Resources plugged and abasummary.  | andoned the Jica           | FEB 2000<br>FEB 2000<br>PECEIVE<br>CONS. D     |  | er the attached plugging  200 FEB 2 271 12 59 |
| 14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)  Vicki Donaghey   |                            | Title  Regula  Date 01/31/0  PERAL OR STATE OF |  |   |
| Approved by  |                            | Title  |  | FEB 1 3 2006                                  |
| Conditions of approval, if any, are attached. Approval certify that the applicant holds legal or equitable title to which would entitle the applicant to conduct operations to | o those rights in the subj | arrant or Office                               |  | FARMATCH RELIDER TO                           |

# A-PLUS WELL SERVICE, INC.

P.O. BOX 1979

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

Energen Resources Corporation **Jicarilla 99 #13** 

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990' FSL & 1650' FEL, Section 14, T-26-N, R-3-W Rio Arriba County, NM Lease Number: Jic Contract #99 API #30-039-20167

**Plug and Abandonment Report** 

Notified JAT/ BLM / NMOCD on 12/28/05

## **Work Summary:**

12/28/05 MOL. RU. SDFD.

12/29/05 Check well pressures: casing 90#, tubing 40# and bradenhead 70#. Blow down well. Strip on 4.5" wellhead with companion flange. Strip on BOP, test. TOH and tally 113 joints 1.25" EUE tubing, 8' - 1.25" sub and 2 - 6' 1.25" subs. Round trip 3.5" gauge ring to 3630'. Note: tight spot at 2169'. RIH and set 3.5" PlugWell CIBP at 3630'. TIH with tubing and tag CIBP at 3630'. SDFD.

12/30/05 Load casing with 13 bbls of water. Establish circulation with additional 25 bbls of water. Attempt to pressure test casing, leak 1 bpm at 500#.

**Plug #1** with CIBP at 3630', spot 10 sxs Type III cement (13 cf) inside casing from 3630' up to 3360' to isolate the Pictured Cliffs interval and cover the Fruitland and Kirtland tops.

PUH and WOC. SDFD.

1/3/06 TIH with tubing and tag cement at 3247'. Attempt to pressure test casing, leak 1 bpm at 500#. Perforate 2 bi-wire squeeze holes at 3247'. RIH and set 3.5" Alpha cement retainer at 3227'. TIH with tubing and tag CR. Attempt to pressure test casing; leak. Light blow out bradenhead. Sting into CR. Attempt to establish rate into squeeze holes; pressured up to 700#.

**Plug #2** with CR at 3227', spot 9 sxs Type III cement (12 cf) above cement retainer from 3227' to 2987' to cover the Ojo Alamo top. TOH with tubing. SDFD.

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### Work Summary - Continued:

1/4/06 Attempt to pressure test casing, leak. RIH with wireline and tag cement at 3103'. Perforate 2 squeeze holes at 2168'. RIH and set 3.5" Alpha cement retainer at 2118'. TIH with tubing and sting into CR at 2118'. Establish rate into squeeze holes and above CR.

**Plug #3** with CR at 2118, mix and pump 36 sxs Type III cement (48 cf), squeeze 23 sxs outside 3.5" casing from 2168' to 2068' and leave 13 sxs inside casing to cover the Nacimiento top.

TOH and LD tubing. Shut in well and WOC. RIH with wireline and tag cement at 1462'. Perforate 2 squeeze holes at 313'. Load casing and establish circulation out bradenhead with 3 bbls of water. Circulate well clean with additional 20 bbls of water.

**Plug #4** mix and pump 87 sxs Type III cement (115 cf) down 3.5" casing and circulate good cement returns out bradenhead.

Shut in well and WOC. B. Hammond, JAT, required WOC overnight. SDFD.

1/5/06 Remove bradenhead valve; cement found at surface. ND BOP. Dig out and cut off wellhead. Found cement at surface in casing. Mix 25 sxs Type III cement and install P&A marker.
RD and MOL.

B. Hammond, JAT representative, was on location.