Form 3160-5 (June 1990)

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

| FORM APPROVED |            |         |     |        |  |  |  |
|---------------|------------|---------|-----|--------|--|--|--|
| Æ             | Sudget Bur | eau No. | 10  | 04-013 |  |  |  |
|               | Expires:   | March 3 | 31, | 1993   |  |  |  |

| / | Lease | Designation | and | Serial | No. |
|---|-------|-------------|-----|--------|-----|
| _ | ~ ~   |             |     |        |     |

| SUNDRY NOTICES AN  | MIC 96  |   |
|--|---|---|
| Do not use this form for proposals to drill of   | 6. If Indian, Allottee or Tribe Name  |   |
| Use "APPLICATION FOR   | Jicarilla Apache  |   |
| SUBMIT   | 7. If Unit or CA, Agreement Designation   |   |
| 1. Type of Well  Oil X Gas Well Other  2. Name of Operator ENERGEN RESOURCES CORPORATION  3. Address and Telephone No. 2198 Bloomfield Highway, Farmington  4. Location of Well (Footage, Sec., T., R., M., or Survey De 1450' FSL, 990' FEL, Sec. 11, T26N, | scription)  | 8. Well Name and No. Jicarilla 96 10  9 API Well No. 30-039-06540  10. Field and Pool, or exploratory Area Gavilan Pictured Cliffs  11. County or Parish, State Rio Arriba NM |
| 12. CHECK APPROPRIATE BOX(s  | ) TO INDICATE NATURE OF NOTICE, REPORT,   | OR OTHER DATA   |
| TYPE OF SUBMISSION   | TYPE OF ACTION  |   |
| Notice of Intent   | X Abandonment   | Change of Plans   |
| X Subsequent Report  | Recompletion Plugging Back  | New Construction Non-Routine Fracturing   |
| Final Abandonment Notice   | Casing Repair Altering Casing Other   | Water Shut-Off Conversion to Injection Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)                    |
| give subsurface locations and measured and true vert   | pertinent details, and give pertinent dates, including estimated date of startinical depths for all markers and zones pertinent to this work.)* |   |

This well was plugged and abandoned on 9/15/99 as per the attached plugging summary.

14. I hereby certify that the foregoing is true and correct Title Production Foreman Lands and Mineral Resources (This space for Federa) or State office use) ruia ! Title

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

# A - PLUS WELL SERVICE, INC.

## P.O. BOX 1979 FARMINGTON, NM 87499 505-325-2627 • FAX: 505-325-1211

Energen Resources Corporation

Jicarilla 96 #10

1450' FSL and 990' FEL Sec. 11, T-26-N, R-3-W

Rio Arriba County, NM

Jicarilla Contract #96

September 17, 1999

Plug & Abandonment Report

### Cementing Summary:

- Plug #1&2 with CIBP at 3565', spot 16 sxs Class B cement above to 2980' to isolate Pictured Cliffs perforations and cover Fruitland and Ojo Alamo tops.
- Plug #3 with retainer at 1705', mix 38 sxs Class B cement, squeeze 30 sxs outside 2-7/8" casing from 1751' to 1651' and leave 8 sxs inside to 1455' to cover Nacimiento top.
- Plug #4 with 103 sxs Class B cement pumped down 2-7/8" casing from 348' to surface, circulate 1 bbl good cement out bradenhead.

### **Plugging Summary:**

Notified BLM and Jicarilla Tribe on 9/13/99

- 9-13-99 Road rig and equipment to location; set rig on jacks. SDFD.
- 9-14-99 Safety Meeting. RU rig and layout relief line to pit. Pressures: tubing 40# and casing 120#, blow well down. Pump 20 bbls water down casing to kill well. ND wellhead and strip on 2-7/8" wellhead with BOPs, test. TOH with 108 joints 1-1/4" IJ tubing, total 3404'. RU A-Plus wireline truck and roundtrip 2-7/8" gauge ring to 3570'. RIH and set 2-7/8" CIBP at 3565'. TIH with 1-1/4" tubing and tag CIBP. Load casing with 8 bbls water and circulate well clean. Attempt to pressure test casing to 500#, leak. Combine Plug #1&2 with CIBP at 3565', spot 16 sxs Class B cement above to 2980' to isolate Pictured Cliffs perforations and cover Fruitland and Ojo Alamo tops. TOH and WOC due to casing leak. Shut in well and SDFD.
- 9-15-99 Safety Meeting. Open up well, no pressure. Load casing and attempt to pressure test to 500#, leak. RU A-Plus wireline truck and tag cement at 2850'. Perforate 3 bi-wire shots at 1751'. Then set wireline 2-7/8" cement retainer at 1705'. TIH with 1-1/4" tubing and sting in and out of retainer. Attempt to pressure test casing, leak. Sting into retainer and establish rate into squeeze hole 1 bpm at 600#. Plug #3 with retainer at 1705', mix 38 sxs Class B cement, squeeze 30 sxs outside 2-7/8" casing from 1751' to 1651' and leave 8 sxs inside to 1455' to cover Nacimiento top. TOH with tubing. Perforate 2 squeeze holes at 348' and establish circulation out bradenhead. Plug #4 with 103 sxs Class B cement pumped down 2-7/8" casing from 348' to surface, circulate 1 bbl good cement out bradenhead. Shut in well and WOC overnight. RD rig and equipment; move off location.
- 9-16-99 Road cement equipment to location. Dig out and cut off wellhead, found cement down 20' in 7-5/8" annulus and 40' in 2-7/8" casing. Mix 30 sxs Class B cement, fill casing and annulus, then install P&A marker.

  B. Hammond, Jicarilla Tribe, was on location and approved all procedure changes.