Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

| SF- | 80 | 05 | 66 | , |
|-----|----|----|----|---|
|-----|----|----|----|---|

SUNDRY NOTICES AND REPORTS ON WELLS

| 6. | If Indian, | Allottee | or Tribe | Name |
|----|------------|----------|----------|------|

Water Shut-Off

Conversion to Injection

Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

| Do not use this form for proposals to drill of | or to deepen or reentity to a different reservoir. | |
|--|--|---|
| Use "APPLICATION FOR | PERMIT - " for such proposals BUQUERQUE, N.M. | |
| | IN TRIPLICATE | 7. If Unit or CA, Agreement Designation |
| 1. Type of Well Oil Well Gas Well Other | 8. Well Name and No. Ruddock 7A | |
| 2. Name of Operator ENERGEN RESOURCES CORPORATION | | 9. API Well No. |
| 3. Address and Telephone No. 2198 Bloomfield Highway; Farmington, NM 87401 | | 30 - 039 - 22873 10. Field and Pool, or exploratory Area |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1990' FNL, 1100' FEL, Sec. 3, T25N, R3W, N.M.P.M. | | Blanco Mesaverde |
| H | | 11. County or Parish, State Rio Arriba NM |
| 12. CHECK APPROPRIATE BOX(s |) TO INDICATE NATURE OF NOTICE, REPORT | Γ, 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 |

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Casing Repair

Altering Casing

Energen plugged and abandoned this well on 8/4/00 as per the attached plugging summary.

Final Abandonment Notice



| 4. I hereby certify that the foregoing is true and correct Signed | Title Dr | rilling and Completion Foreman | Date 8/17/00 |
|--|----------|--------------------------------|--------------|
| (This space for Federal or State office use) Approved by /S/ David R. Sitzler | _ Title | Lands and Mineral Resources | SEP 3 2000 |
| Conditions of approval, if any: Swhee reliable | at | tached _ | |

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 Corp. **Ruddock #7A**Unit E, SE, NW Section 3, T-25-N, R-3-W
Rio Arriba County, NM
SF-080566
API 30-039-22873

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Plug & Abandonment Report

Cementing Summary:

Plug #1 spot 12 sxs Class B cement inside casing from 5633' to 5475' to cover Mesaverde top.

Plug #2 with 55 sxs Class B cement inside casing from 4058' to 3342' to cover Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops.

Plug #3 with retainer at 1870', mix 55 sxs Class B cement, squeeze 39 sxs outside 4-1/2" casing from 1920' to 1820' and leave 16 sxs inside casing to 1710' to cover Nacimiento top.

Plug #4 with 175 sxs Class B cement pumped down 4-1/2" casing from 577' to surface, circulate cement out bradenhead.

Plugging Summary:

Notified BLM on 8-1-00

- MO, RU. Dig out bradenhead valve and check pressure; none. Layout relief line to pit. Open up well; no pressures. ND wellhead and NU BOP, test. TOH and tally 177 joints 2-3/8" J-55 EUE tubing, seating nipple and sawtooth collar. TIH with plugging sub and 111 joints tubing. Shut in well and SDFD due to lightning.
- Safety Meeting. Continue to TIH with tubing; tag cement at 5633'. Load casing with ½ bbl water and pressure test to 500# for 15 min, held OK. Plug #1 spot 12 sxs Class B cement inside casing from 5633' to 5475' to cover Mesaverde top. Plug #2 with 55 sxs Class B cement inside casing from 4058' to 3342' to cover Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops. TOH with tubing. RU A-Plus wireilne truck and perforate 3 HSC squeeze holes at 1920'. Set 4-1/2" wireline PlugWell retainer at 1870'. TIH and sting into retainer. Establish rate into squeeze holes 1 bpm at 1000#. Plug #3 with retainer at 1870', mix 55 sxs Class B cement, squeeze 39 sxs outside 4-1/2" casing from 1920' to 1820' and leave 16 sxs inside casing to 1710' to cover Nacimiento top. TOH with tubing. Perforate 3 HSC squeeze holes at 577'. Establish circulation out bradenhead with 16 bbls water. Shut in well, SDFD.
- O8-04 Safety Meeting. Pump 3-1/2 bbls water down casing and establish circulation out bradenhead. Plug #4 with 175 sxs Class B cement pumped down 4-1/2" casing from 577' to surface, circulate cement out bradenhead. Shut in well and WOC. ND BOP and dig out wellhead; cut off. Old cement on outside of surface pipe. Found cement 15' down in 4-1/2" casing and 3' down in annulus. Mix 10 sxs Class B cement, fill casing and annulus; then install P&A marker. RD and move off. J. Valencia, BLM was location.

BLM CONDITIONS OF APPROVAL

The following surface rehabilitation Conditions of Approval must be complied with as applicable, before this well can be approved for final abandonment (see 43 CFR 3162.3-4). Surface rehabilitation work shall be completed within one year of the actual plugging date. Notification for completion of this work can be submitted with a Sundry Notice. Questions? Call Pat Hester at (505) 761-8786.

- 1. All fences, production equipment, purchaser's equipment, concrete slabs, deadman (anchors), flowlines, risers, debris and trash must be removed from the location. Non-retrieved flowlines and pipelines will be abandoned in accordance with State Rule 714. Information supporting the non-retrieval will be included in the subsequent report or final abandonment Sundry Notice.
- 2. Production pits will be closed according to the Unlined Surface Impoundment Closure Guidelines, as approved in the Environmental Assessment of December 1993. Any oil stained soils can be remediated on-site according to these guidelines or disposed of in a an approved facility.
- 3. The well pad will be shaped to the natural terrain and left as rough as possible. All compacted areas and areas devoid of vegetation shall be ripped to a minimum of 12" in depth before reseeding.
- 4. Access roads will be shaped to conform to the natural terrain and left as rough as possible to deter vehicle travel. Access will be ripped to a minimum of 12" in depth, water barred and reseeded. All erosion problems created by the development must be corrected prior to acceptance of release. Water bars should be spaced as shown below along the fall line of the slope:

| % Slope | Spacing Interval |
|------------------|------------------|
| Less than 20% | 200' |
| 2 to 5 % | 150' |
| 6 to 9 % | 100' |
| 10 to 15 % | 50' |
| Greater than 15% | 30' |

- 5. All disturbed areas will be seeded with the prescribed certified seed mix (reseeding may be required). Seed mix must be certified weed free to avoid the introduction of noxious weeds. Refer to the original APD for seed mix.
 - 6. Notify Surface Managing Agency seven (7) days prior to seeding so that they may be present to witness.
- 7. The period of liability under the bond of record will not be terminated until the well is inspected and the surface rehabilitation approved.

Other Surface Managing Agencies (SMA's) may vary slightly in their restoration requirements. It is your responsibility, as the operator, to obtain surface restoration requirements from other SMA's. We need to be provided with a copy of these requirements. Any problems concerning stipulations received from other SMA's should be brought to us. On private land, a letter from the fee owner stating that the surface restoration is satisfactory will be provided to the office. Questions? Call Pat Hester at (505) 761-8786.