

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

5. Lease Designation and Serial No.

SF-077972

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
Richardson Com

3E

9. API Well No.

30-045-25091

10. Field and Pool, or exploratory Area

Basin Dakota

11. County or Parish, State

San Juan

NM

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

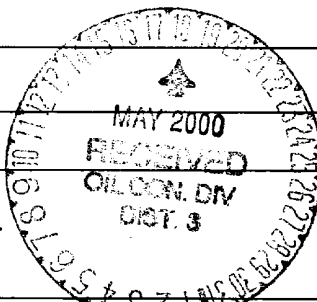
ENERGEN RESOURCES CORPORATION

3. Address and Telephone No.

2198 Bloomfield Highway, Farmington, NM 87401

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

790' FNL, 1120' FWL, Sec. 2, T27N, R13W, N.M.P.M.



12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☒ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other \_\_\_\_\_
- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

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

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.)\*

Energen intends to plug and abandon this well as per the attached plugging procedure.

RECEIVED  
BLM  
00 APR 24 AM 10:47  
DJO ALBUQUERQUE, N.M.

14. I hereby certify that the foregoing is true and correct

Signed

*Monica Papp*

Title Production Assistant

Date 4/21/00

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

5/16/00

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.

\* See Instruction on Reverse Side

RECEIVED

## PLUG & ABANDONMENT PROCEDURE

4/18/00

### **Richardson Com #3E**

Basin Dakota

790' FNL, 1120' FWL, Section 2, T-27-N, R-13-W  
San Juan Co., New Mexico

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

1. Instal and test location rig anchors if necessary. Prepare blow pit. Comply with all NMOCD, BLM, and Energen safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line and blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP.
2. TOH and visually inspect 2-3/8" tubing (201 joints, 6187'). If necessary LD and PU workstring. Note during May 1989 casing repair workover, there were 2 joints with leaks replaced.
3. **Plug #1 (Dakota Interval 6127' – 6027')**: Set 4-1/2" cement retainer at 6127'. Pressure test tubing to 1000#. Load casing with water and circulate well clean. Pressure test casing to 500#. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix 11 sxs Class B cement and spot a plug above the CIBP to isolate Dakota perforations and cover its top. TOH 5150'.
4. **Plug #2 (Gallup top, 5150' – 5050')**: Mix 11 sxs Class B cement and spot a balanced plug inside casing to cover the Gallup top. PUH to 3139'.
5. **Plug #3 (Mesaverde top, 3139' – 3039')**: Mix 11 sxs Class B cement and spot a balanced plug inside casing to cover the Mesaverde top. If casing does not PT after plug #2 then use 25 sxs for plug #3 due to old casing leaks. PUH to 2473'.
6. **Plug #4 (Pictured Cliffs and Fruitland tops, 1620' – 915')**: Mix 29 sxs Class B cement and spot a balanced plug inside casing to cover PC and Fruitland tops. PUH to 372'.
7. **Plug #5 (Ojo Alamo bottom and 9-5/8" casing shoe, 372' - Surface)**: Establish circulation out casing valve. Mix and spot approximately 30 sxs Class B cement from 372' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut in well and WOC.
8. ND BOP and cut off wellhead below surface casing. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

# Richardson Com #3E

Current

Basin Dakota

NW, Section 2, T-27-N, R-13-W, San Juan County, NM

Today's Date: 4/18/00

Spud: 10/5/82

Completion: 10/26/82

Elevation: 6042' GL  
6054' KB

Ojo Alamo is behind casing

Kirtland @ 322'

Fruitland @ 965'

Pictured Cliffs @ 1570'

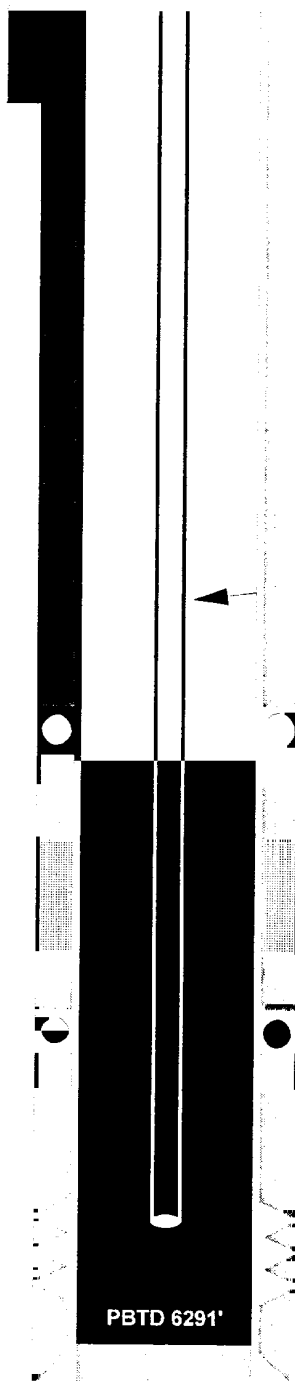
Mesaverde @ 3089'

Gallup @ 5200'

Dakota @ 6210'

12-1/4" hole

7-7/8" hole



Circulated 27 bbls Cement to Surface

9-5/8" 32.3#, H-40 Casing set @ 229'  
Cmt with 224 cf (Circulated to Surface)

## Well History

**May '89: Casing leak:** Pull tubing; set RBP and then isolate leak from 2851' to 3262'; squeezed with 100 sxs, drilled out; no PT; re-squeeze with 150 sxs; PT and then recover RBP; blow well several days, land tubing and move off location.

2-3/8" Tubing Set at 6187'  
(201 joints, EUE)

DV Tool @ 1646'  
Cmt w/800 cf  
TOC @ 2558' (Calc, 75%)

**Casing Leak Repaired May '89:**  
Squeeze 100 sxs then 150 sxs  
from 2851' to 3262'.

DV Tool @ 4333'  
Cmt w/ 539 cf  
TOC @ 4823' (Calc, 75%)

Dakota Perforations:  
6177' - 6272'

4-1/2" 11.6#, K-55 Casing set @ 6334'  
Cemented with 459 cf

TD 6397'