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

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

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
SF-079090

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
San Juan 32-5 Unit

1. Type of Well
[ ] Oil Well [X] Gas Well [ ] Other

8. Well Name and No.
San Juan 32-5 Unit #3

2. Name of Operator
ENERGEN RESOURCES CORPORATION

RECEIVED
OCT 12 1999
OIL CON. DIV.
DIST. 3

9. API Well No.
30-039-~~08010~~ 82343

3. Address and Telephone No.
2198 Bloomfield Highway, Farmington, NM 87401

10. Field and Pool, or exploratory Area
Basin Dakota

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
170' FSL, 103' FEL, Sec. 22, T32N, R6W, N.M.P.M.

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	
[X] Notice of Intent	[X] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[ ] Other _____	[ ] 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.)*

It is intended to plug and abandon this well per the attached procedure.

14. I hereby certify that the foregoing is true and correct
Signed Don Graham Title Production Foreman Date 9/20/99

(This space for Federal or State office use)
Approved by WAYNE TOWNSEND Title A.T.L. Date 10/7/99
Conditions of approval, if any:

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**

San Juan 32-5 Unit #3
Basin Dakota
170' FSL and 103' FEL, Section 22, T-32-N, R-6-W
Rio Arriba 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. Install and test location rig anchors. 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 tally 95 joints 2-3/8" tubing (2945'); visually inspect the tubing. PU additional workstring.

3. **Plug #1 (Mesaverde top,):** TIH with open ended tubing to 5400'. Load casing with water and attempt to circulate. Mix 17 sxs Class B cement and spot a balanced plug inside casing to cover Mesaverde top. TOH with tubing. (Note – casing leaks are above this plug.)

5. **Plug #2 (Pictured Cliffs top, 3020' - 2920'):** Perforate 3 HSC squeeze holes at 3020'. Set 5-1/2" CR at 3250'. Establish rate into squeeze holes. Mix 46 sxs Class B cement, squeeze 29 sxs outside casing and leave 17 sxs inside casing to cover Pictured Cliffs top. TOH with tubing.

6. **Plug #3 (Fruitland and Kirtland tops, 2720' – 2450'):** Perforate 3 HSC squeeze holes at 2720'. Set 5-1/2" CR at 2500'. Mix 115 sxs Class B cement. squeeze 80 sxs outside casing and leave 35 sxs inside to cover Fruitland and Kirtland tops. TOH with tubing.

7. **Plug #4 (Ojo Alamo top, 2360' – 2260'):** Perforate 3 HSC squeeze holes at 2360'. Set 5-1/2" CR at 2310'. Mix 46 sxs Class B cement, squeeze 29 sxs outside casing and leave 17 sxs inside casing to cover Ojo Alamo top. TOH with tubing.

8. **Plug #5 (Nacimiento top, 1135' – 1035'):** Perforate 3 HSC squeeze holes at 1135'. Set 5-1/2"CR at 1085'. Mix 46 sxs Class B cement, squeeze 29 sxs outside casing and leave 17 sxs inside casing to cover Nacimiento top. TOH and LD tubing.

9. **Plug #6 (8-5/8" casing shoe at 610'):** Establish rate into casing leak between 645' and 672' to circulate to surface out bradenhead. Mix and pump approximately 215 sxs Class B cement from 672' to surface, circulate good cement out bradenhead. Shut in well and WOC.

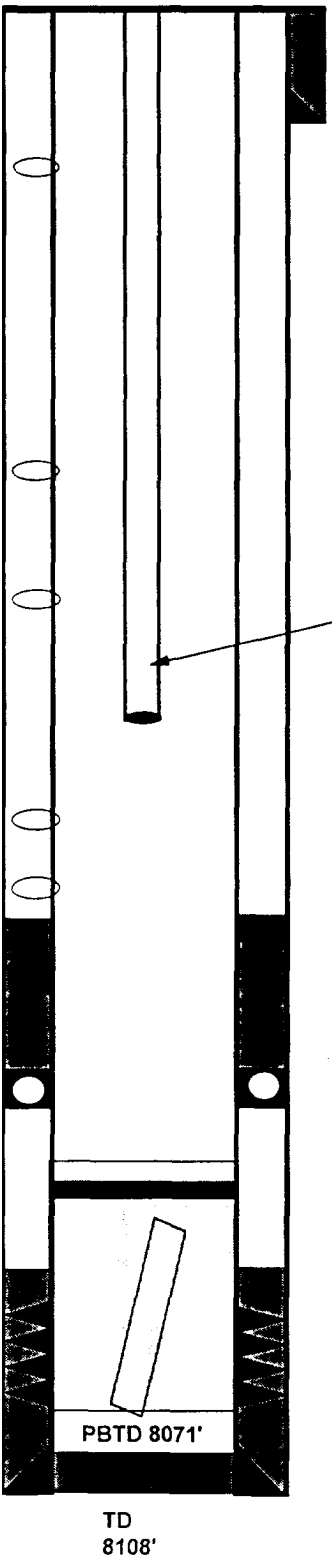
10. ND BOP and cut off wellhead below surface casing. Top off casing and annulus with cement as needed. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Juan 32-5 Unit #3

Current

Basin Dakota

2, T-32-N, R-6-W, Rio Arriba County, NM



8-5/8" 24# Casing set @ 610'
350 sxs cement (Circulated to Surface)

WORKOVER HISTORY

Apr '98: Swab well: found bridge at 1000' in tubing.

Aug '98: *Tubing Repair: Pull tubing, found parted at* 2427'; fished for 4 days; top at 5893'. SD for AFE approval.

Jul '99: Fish Tubing: Worked for 5 days to cut off at 6857'; ran CBL; ran casing scraper; set CR at 6996', then P&A Dakota with 170 sxs cmt below retainer and 10 sxs above; isolated multiple casing leaks; land tubing.

2-3/8" Tubing set at 2945'
(95 joints)

Top of Cement @ 4700' (7/99 CBL)

DV tool @ 5895'
Cmt w/ 150 sxs (215 cf)

Jul '99: Top of fish at 6857', P&A Dakota Zone w/ 180 sxs cement

Jul '99: Cmt Retainer @ 6696'

Top of Cmt @ 7180' (Calc, 75%)

Dakota Perforations:
7840' - 8044'

5-1/2" 17#, N-80 Casing Set @ 8108'
Cemented with 150 sxs (215 cf)

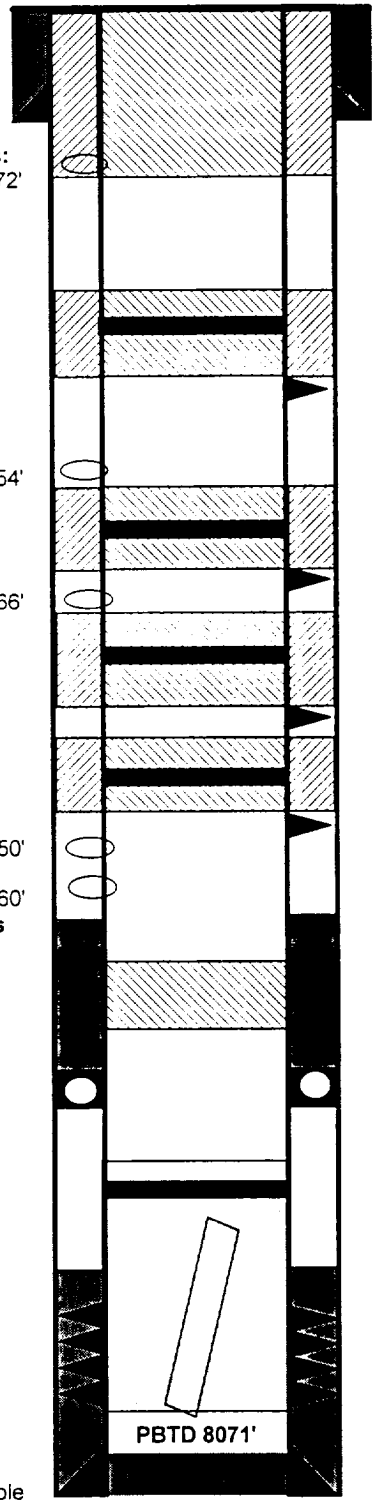
San Juan 32-5 Unit #3

Proposed P&A

Basin Dakota

SE, Section 22, T-32-N, R-6-W, Rio Arriba County, NM

Today's Date: 9/9/99
Spud: 11/12/61
Comp: 1/16/62
Elevation: 6322' GL
6333' KB



8-5/8" 24# Casing set @ 610'
350 sxs cement (Circulated to Surface)

Plug #6 672' - Surface
Cmt with 215 sxs Class B

Nacimiento @ 1085'

Cmt Retainer @ 1085'

Perforate @ 1135'

Plug #5 1135' - 1035'
Cmt with 46 sxs Class B
29 sxs outside casing
and 17 sxs inside.

Ojo Alamo @ 2310'

Cmt Retainer @ 2310'

Perforate @ 2360'

Plug #4 2360' - 2260'
Cmt with 46 sxs Class B
29 sxs outside casing
and 17 sxs inside.

Kirtland @ 2500'

Fruitland @ 2670'

Cmt Retainer @ 2500'

Perforate @ 2720'

Plug #3 2720' - 2450'
Cmt with 115 sxs Class B
80 sxs outside casing
and 35 sxs inside.

Pictured Cliffs @ 2970'

Cmt Retainer @ 2970'

Perforate @ 3020'

Plug #2 3020' - 2920'
Cmt with 46 sxs Class B
29 sxs outside casing
and 17sxs inside.

Top of Cement @ 4700' (7/99 CBL)

Plug #1 5400' - 5300'
Cmt with 17 sxs Class B

Mesaverde @ 5350'

DV tool @ 5895'
Cmt w/ 150 sxs (215 cf)

Jul '99: Top of fish at 6857', P&A
Dakota Zone w/ 180 sxs cement

Gallup @ 6850'

Jul '99: Cmt Retainer @ 6696'

Top of Cmt @ 7180' (Calc, 75%)

Dakota @ 7839'

Dakota Perforations:
7840' - 8044'

5-1/2" 17#, N-80 Casing Set @ 8108'
Cemented with 150 sxs (215 cf)