

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

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)

1790' FNL, 1650' FWL, Sec. 16, T30N, R4W N.M.P.M.

RECEIVED
OCT 12 1999

OIL CON. DIV.
DIST. 3

5. Lease Designation and Serial No.

SF-079485

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

San Juan 30-4 Unit

8. Well Name and No.

San Juan 30-4 Unit #34

9. API Well No.

30-039-20777

10. Field and Pool, or exploratory Area

E. Blanco PC

11. County or Parish, State

Rio Arriba County NM

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 Plug & Abandon
☐ 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.)*

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 Tom Graham Title Production Foreman

Date 9/20/99

(This space for Federal or State office use)

Approved by A. T. C. Title A. T. C.

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

PLUG AND ABANDONMENT PROCEDURE

9-9-99

San Juan 30-4 Unit #34
East Blanco Pictured Cliffs
1790' FNL and 1650' FWL, Section 16, T30N, R4W
Rio Arriba County, New Mexico

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

1. Install and test location rig anchors. Dig for waste fluid disposal. Comply with all NMOCD, BLM, and Energen safety regulations. MOL and RU daylight pulling unit. Blow well down; kill with water if necessary. ND wellhead and NU BOP and stripping head; test BOP.
2. TOH and inspect 137 joints 1-1/4" IJ tubing, if necessary LD tubing and PU workstring. Round-trip 2-7/8" gauge ring or casing scraper to 4190'.
3. **Plug #1 (Pictured Cliffs perforations, Fruitland, Kirtland and Ojo Alamo tops, 4190' - 3525')**: Rig up wire line unit and set 2-7/8" CIBP at 4190'. TIH with open ended tubing and load casing with water. Pressure test to 500#. If casing does not test, spot or tag subsequent plugs as necessary. Mix and spot 20 sxs Class B cement (in 2 stages) above CIBP inside 2-7/8" casing to isolate Pictured Cliffs perforations and to cover tops through the Ojo Alamo tops. TOH with tubing.
4. **Plug #2 (Nacimiento top, 2480' - 2380')**: Perforate 3 bi-wire squeeze holes at 2480'. Set 2-7/8" wireline retainer at 2430'. TIH and sting into CR. Establish rate into squeeze holes. Mix 55 sxs Class B cement, squeeze 50 sxs cement outside 2-7/8" casing and leave 5 sxs cement inside casing to cover Nacimiento top. TOH and LD tubing.
5. **Plug #3 (8-5/8" Surface Casing at 143')**: Perforate 2 bi-wire squeeze holes at 193'. Establish circulation out bradenhead valve with water. Mix and pump approximately 70 sxs Class B cement down 2-7/8" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
6. 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. Backfill pit and clean up location.

San Juan 30-4 Unit #34

Current

East Blanco Pictured Cliffs

NW Section 16, T-30-N, R-4-W, Rio Arriba County, NM

Today's Date: 9/9/99

Spud: 10/2/73

Completed: 12/6/73

Elevation: 7452' (GL)

12-1/4" hole

8-5/8" 24# Casing set @ 143',
Cement with 118 cf (Circulated to Surface)

Workover History

Jun '74: Ran 1-1/4" tubing.

May '75: Set bottom hole choke in tubing at 4400'.

Jun '98: Attempt to swab, tight at 50'.

Jul '98: Tubing repair: Casing unloading drilling mud; replace bad joints, tested with packer.

Aug '98: Attempt to swab, tight at 30'.

Oct '98: Pull tubing and ran new; swab well, recovered 60 bbls fluid and LCM, plugged tubing.

Apr '99: Tubing Cleanout: Pull tubing, found 3 joints plugged with LCM; made 4 swab runs.

May '99: Swab well: made 4 runs, recover 1 bbls.

May '99: Casing Test: Pull tubing; clean out with air, returns drilling mud; test casing with RBP and packer, multiple casing leaks from 3101' to 678'; can circulate out bradenhead; land tubing.

Nacimiento @ 2430'

TOC @ 2700' (T.S.)

7-7/8" hole to
6-3/4" at ?

1-1/4" Tubing set at 4432'
(137 joints, IJ, 2 33#)

Ojo Alamo @ 3575'

Kirtland @ 3810'

Fruitland @ 4005'

Pictured Cliffs @ 4180'

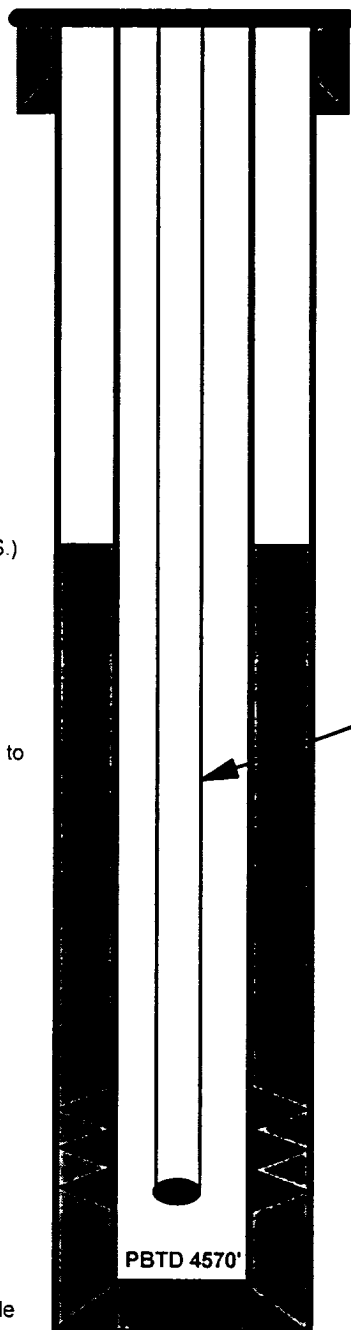
Pictured Cliffs Perforations:
4240' - 4484'

PBTD 4570'

6-3/4" hole

2-7/8" 6.4# J-55 Casing set @ 4580'
Cemented with 309 cf

TD 4580'



San Juan 30-4 Unit #34

Proposed P & A

East Blanco Pictured Cliffs

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7-7/8" hole to
6-3/4" at ?

6-3/4" hole

8-5/8" 24# Casing set @ 143'
Cement with 118 cf (Circulated to Surface)

Perforate @ 193'

Plug #3 193' - Surface
Cmt with 70 sxs Class B

Cmt Retainer @ 2430'

Plug #2 2480' - 2380'
Cmt with 55 sxs Class B.
50 sxs outside casing
and 5 sxs inside.

Perforate @ 2480'

TOC @ 2700' (T.S.)

Plug #1 4190' - 3525'
Cmt with 20 sxs Class B.
(2 stages of 10 sxs each).

Set CIBP @ 4190'

Pictured Cliffs Perforations:
4240' - 4484'

2-7/8" 6.4#, J-55 Casing set @ 4580'
Cemented with 309 cf

PBTD 4570'

TD 4580'

