

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)

1650' FSL, 1700' FWL, Sec. 34, T26N, R6W, N.M.P.M.

5. Lease Designation and Serial No.

NMSF-079265

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Klein 12

9. API Well No.

30-039-20256

10. Field and Pool, or exploratory Area

Otero Chacra

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

- ☒ 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 thsi well as per the attached plugging procedure.

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

Signed Monica Papp Title Production Assistant Date 2/8/00

(This space for Federal or State office use)

Approved by /s/ Charlie Beecham Title _____ Date MAR 15 2000
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

NMOCD

Klein #12

Current

Otero Chacra Ext.

SW Section 34, T-26-N, R-6-W, Rio Arriba County, NM

Long _____ / Lat. _____

Today's Date: 11/24/99

Spud: 8/7/69

Completed: 11/3/69

Elevation: 6731' (GL)

Nacimiento @ 515'

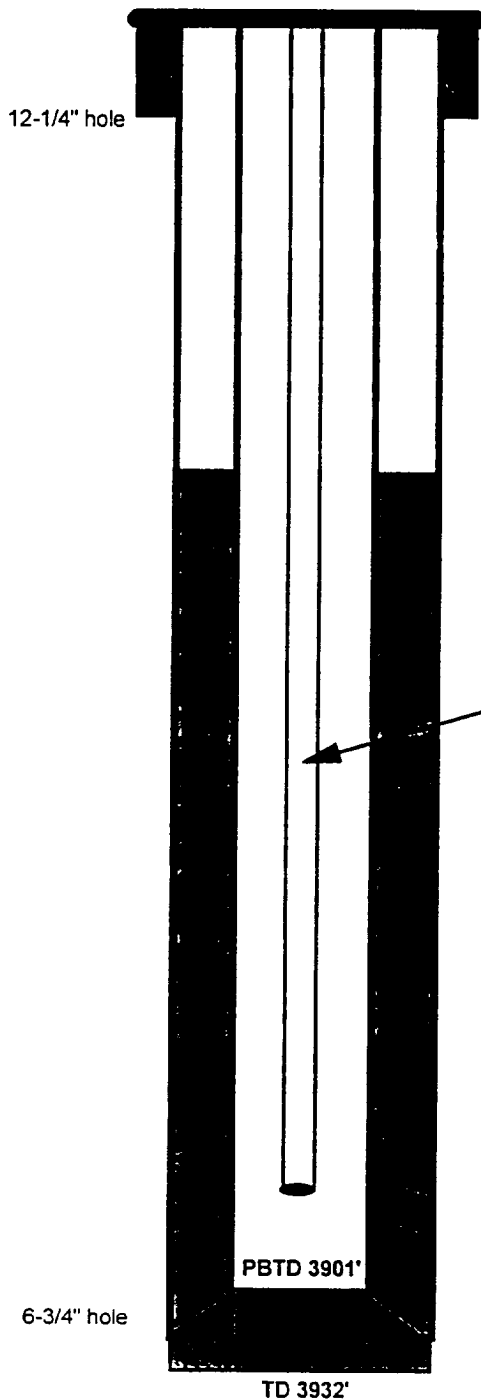
Ojo Alamo @ 2163'

Kirtland @ 2387'

Fruitland @ 2640'

Pictured Cliffs @ 2885'

Chacra @ 3767'



8-5/8" 24#, K-55 Csg set @ 138',
Cement with 85 sxs (Circulated to Surface)

Workover History

Jul '71: Ran 1-1/4" tubing.

Aug '93: Swab well: SITP - 102#, FL at
3400'; made 2-1/2 bbls in 10 runs.

Oct '99: Slickline: Ran 1" impression
block to 3867', indicated sand, no fluid in
hole, no tubing or casing pressure.

TOC @ 1840' (T.S.)

1-1/4" Tubing Set at 3835'
(118 joints, IJ, 2.4#)

Chacra Perforations:
3780' - 3790' (30 spz)
3870' - 3880' (30 spz)

2-7/8" 6.4#, J-55 Csg set @ 3911'
Cmt with 270 sxs (440 cf)

PLUG AND ABANDONMENT PROCEDURE

11-24-99

Klein #12

Otero Chacra

1650' FSL and 1700' FWL, Section 34, T26N, R6W
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 rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and Energen safety rules and regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Blow well down; kill with water as necessary. ND wellhead and NU BOP and stripping head; test BOP.
2. TOH with 118 joints 1-1/4" tubing and inspect. If necessary LD tubing and PU workstring.
3. **Plug #1 (Chacra perforations, Pictured Cliffs, Fruitland, Kirtland, and Ojo Alamo tops, 3880' – 2113')**: Establish rate into Chacra perforations. Monitor bradenhead for flow or blow. If there are no indications of a casing leak, then mix and pump 63 sxs Class B cement (30% excess, long plug) down 2-7/8" casing to fill the Chacra perforations and to cover through the Ojo Alamo top, displace to 1000' with water. Shut in well and WOC. Pressure test casing to 500#. If casing does not test, spot or tag subsequent plugs as appropriate. RIH with wire line and tag cement.
4. **Plug #2 (Nacimiento top, 565' – 465')**: Perforate 2 bi-wire squeeze holes at 565'. If casing pressure tests after plug #1, then establish rate into squeeze holes. Then mix and pump 42 sxs Class B cement down 2-7/8" casing, squeeze 37 sxs cement outside casing and leave 5 sxs cement inside casing to cover Nacimiento top, displace to 300'. Shut in, WOC and tag cement. If casing does not test after plug #1, then use 1-1/4" tubing and a wireline set cement retainer at 515' for plug #2 to cover the Nacimiento. TOH and LD tubing.
5. **Plug #3 (8-5/8" Casing Shoe, 188' - Surface)**: Perforate 2 squeeze holes at 188'. Establish circulation to surface out bradenhead valve. Mix and pump approximately 60 sxs Class B cement down 2-7/8" casing, circulate good cement to surface. Shut in well and WOC.
6. ND BOP and cut off casing below surface. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

Klein #12

Proposed P&A

Otero Chacra Ext.

SW Section 34, T-26-N, R-6-W, Rio Arriba County, NM

Long _____ / Lat _____

Today's Date: 11/24/99

Spud: 8/7/69

Completed: 11/3/69

Elevation: 6731' (GL)

12-1/4" hole

8-5/8" 24# K-55 Csg set @ 138'
Cement with 85 sxs (Circulated to Surface)

Perforate @ 188'

Plug #3 188' - Surface
Cmt with 60 sxs Class B

Nacimiento @ 515'

Perforate @ 565'

Plug #2 565' - 665'
Cmt with 42 sxs Class B.
37 sxs outside casing
and 5 sxs inside.

TOC @ 1840' (T S)

Ojo Alamo @ 2163'

Plug #1 3860' - 2113'
Cmt with 63 sxs Class B
(30% excess, long plug
displace to 1000')

Kirtland @ 2387'

Fruitland @ 2640'

Pictured Cliffs @ 2885'

Chacra @ 3767'

Chacra Perforations:
3780' - 3790' (30 spz)
3870' - 3880' (30 spz)

6-3/4" hole

PBTD 3901'

2-7/8" 6 4# J-55 Csg set @ 3911'
Cmt with 270 sxs (440 cf)

TD 3932'

