

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. Type of Well
GAS

2. Name of Operator

**BURLINGTON
RESOURCES**

OIL & GAS COMPANY

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

1840' FSL, 900' FEL, Sec.30, T-26-N, R-6-W, NMPM

5. Lease Number

SF-079265

If Indian, All. or

Tribe Name

7. Unit Agreement Name

8. Well Name & Number

Klein #11

9. API Well No.

30-039-20257

10. Field and Pool

Otero Chacra/South Blanco PC

11. County and State

Rio Arriba Co, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

Type of Action

☒ Notice of Intent

☒ Abandonment

☐ Change of Plans

☐ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Altering Casing

☐ Conversion to Injection

☒ Other -

13. Describe Proposed or Completed Operations

It is intended to plug and abandon the subject well according to the attached procedure.

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

Signed Regina Cole Title Regulatory Administrator Date 10/6/99
trc

(This space for Federal or State Office use)

APPROVED BY Chip Haraden Title Acting Team Lead Date 10/16/99
CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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PLUG AND ABANDONMENT PROCEDURE

9-30-99

Klein #11

DPNO: 5312001 (PC), 5312002 (CH)

Otero Chacra / South Blanco Pictured Cliffs

Latitude / Longitude: 36° 27.2708' / 107° 30.1602'

1840' FSL 900' FEL, Section 30, T26N, R6W

Rio Arriba County, New Mexico

It is recommended to plug and abandon the Klein #11 because it is unable to produce at an economic limit and has no uphole potential. This slimhole producer has been shut in since 1997. The Chacra has a cumulative production of 691 MMCF and the Pictured Cliffs has a cumulative production of 208 MMCF.

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 Burlington safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief lines for Chacra and PC casing and blow down well; kill with water as necessary.
2. ND Chacra casing's wellhead and NU BOP. Prepare 1-1/4" IJ tubing workstring.
3. **Plug #1 in Chacra casing (Chacra perforations and Chacra, PC, Fruitland, Kirtland and Ojo Alamo tops: 3472' – 1875')**: Round-trip 2-7/8" wireline gauge ring in Chacra casing to 3472'. In the Chacra casing, set a 2-7/8" wireline CIBP at 3472'. PU and TIH with 1-1/4" tubing workstring and tag CIBP. Load casing with water, circulate clean and pressure test to 500 psi. If casing does not pressure test, then tag subsequent plugs as appropriate. Mix 45 sxs Class B (in three 15 sxs stages) and spot a balanced plug to isolate the Chacra perforations and cover tops through the Ojo Alamo. Shut in and WOC. While WOC, start working on plugging the PC casing of this dual well. ND BOP from Chacra casing.
4. **Plug #2 in PC casing (PC perforations and PC, Fruitland, Kirtland and Ojo Alamo tops: 2620' – 1875')**: ND PC casing's wellhead, NU BOP and test same. Round-trip 2-7/8" wireline gauge ring in PC casing to 2620'. In the PC casing, set a 2-7/8" wireline CIBP at 2620'. TIH with 1-1/4" tubing workstring and tag CIBP. Load casing with water, circulate clean and pressure test to 500 psi. If casing does not pressure test, then tag subsequent plugs as appropriate. Mix 22 sxs Class B (in two 11 sxs stages) and spot a balanced plug above the CIBP to isolate the PC perforations and cover tops through Ojo Alamo. Shut in well and WOC. ND BOP from PC casing.
5. **Plug #3 in Chacra casing (Nacimiento top, 535' - 435')**: NU BOP on Chacra casing. TIH with tubing to 535'. Mix 5 sxs Class B and spot a balanced plug inside the Chacra casing from 535' to 435' to cover the Nacimiento top. PUH to 193'.
6. **Plug #4 in Chacra casing (9-5/8" Casing shoe, 193' – surface)**: Mix 5 sxs Class B and spot a plug inside the Chacra casing from 193' to surface, circulate cement to surface. TOH and ND BOP from Chacra casing.
7. **Plug #5 PC casing (Nacimiento top, 535' – 435')**: NU BOP on PC casing. If the PC casing pressure tested in step #4, then perforate 3 bi-wire squeeze holes at 535'. Establish rate into squeeze holes. Mix 63 sxs Class B cement and pump down the PC 2-7/8" casing, squeeze 56 sxs cement outside casing, displace to 300' leaving 7 sxs inside casing. Shut in well and WOC. TIH, tag cement and TOH with tubing laying down same. If the PC casing did not pressure in step #4, then perforate squeeze holes at 535' and set a wireline cement retainer at 525'. TIH with tubing and cement with 56 sxs outside and 7 sxs inside casing. TOH with tubing laying down same.

8. **Plug #6 PC casing (9-5/8" Surface Casing shoe, 193' – Surface):** Perforate 2 bi-wire squeeze holes at 193'. Establish rate out bradenhead valve. Mix and pump approximately 80 sxs Class B cement down PC casing, circulate good cement to surface. Shut well in and WOC.
9. ND BOP and cut off casings below surface. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

Recommended:

Tim Friesenhahn 10-5-99
Operations Engineer

Approved:

Bruce W. Boyle 10-5-99
Drilling Superintendent

Tim Friesenhahn
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