

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 LP

3. Address & Phone No. of Operator

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

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

890' FNL, 890' FWL, Sec.16, T-27-N, R-11-W, NMPM

5. Lease Number
NMSF-080382A

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Frontier C #1

9. API Well No.
30-045-06585

10. Field and Pool
Basin Dakota

11. County and State
San Juan Co, NM

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

Type of Submission

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

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

13. Describe Proposed or Completed Operations

It is intended to repair the casing in the subject well according to the attached procedure and wellbore diagram.

CONDITIONS OF APPROVAL
Adhere to previously issued stipulations.



2005 FEB 17 PM 1 28
RECEIVED
070 FARMINGTON NM

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

Signed Nancy Oltmanns Title Senior Staff Specialist Date 2/15/05

(This space for Federal or State Office use)

APPROVED BY Wayne Townsend Title Pet. Eng. Date 3-2-05

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.

NMOCD

Frontier C #1 – AFE
Pull tubing, test and repair casing

890' FNL & 890' FWL
D-16-27N-11W
San Juan County, NM
LAT: 36 deg 34.82' LONG: 107 deg 0.894'
AIN DK: 2177001

KB=10'

SCOPE: In December 2004, this Dakota well was being swabbed back when the swab tools and 200' of swab line were stuck in the tubing. Production continued to swab from the top of the fish and were unable to gain on the fluid level, leading to a suspected casing leak in the Ojo Alamo. It is the intent of this procedure to retrieve the swab cups and line in the tubing, pressure test the casing, repair any casing leak(s), and return the well to production.

1. Hold safety meeting. Comply with all NMOCD, BLM and Burlington safety and environmental regulations. Test rig anchors and build blow pit prior to moving in rig.
2. MIRU. Record tubing and casing pressures and record in DIMS. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with 2% KCL if necessary. ND wellhead and NU BOP.
3. TOOH with of 2 3/8" tubing and retrieve swab tools. Visually inspect tubing out of hole. Report findings in DIMS.
4. MU 5 1/2" bit and scraper and TIH to PBTD(6600'). Clean out any fill. TOOH with bit and scraper.
5. PU RBP and packer for 5 1/2" 15.5# casing, and TIH on tubing. Set RBP at 6380', pull up and set packer 5' above RBP. Pressure test RBP to 500 psi. Release packer and PU to 5500'. Pressure test 5 1/2" liner to 500 psi. Load backside and pressure test casing to 500 psi. If casing and liner tests, latch on to RBP and TOOH with packer and RBP, go to step 8. Otherwise, continue with procedure.
6. Begin leak isolation in the 5 1/2" liner and 7 5/8" casing. Record and report injection rate, pressure, and location of holes to Sr. Rig Supervisor and project engineer to obtain necessary regulatory approvals and proper squeeze design.
7. RU cement company and squeeze casing leak(s) per Sr. Rig Supervisor and project engineer instructions.
8. PU appropriate bit and TIH to drill out retainer and cement. After drilling out cement and before drilling out CIBP, pressure test squeeze to 500 psi. Drill out CIBP and clean out to PBTD if necessary. TOOH with tubing and bit.
9. PU seat nipple (SN), 1 (one) full joint of 2-3/8", 4.7#, J-55 tubing, 2' pup joint and remaining 2-3/8" tubing. Broach and rabbit tubing while TIH. Land tubing at +/- 6530'.
10. ND BOP, NU wellhead. Make swab run to kick well off, if necessary. Notify lease operator that well is ready to be returned to production. RDMO.

SPUD DATE: 9/17/58
COMPLETION DATE: 1/0/00

FRONTIER C 1 DK
Township 027N Range 011W
Section 16 890' FNL & 890' FWL
San Juan County, NM

API: 30045065850000
AIN: 2177001

FORMATION TOPS:

Ojo Alamo	684'
Pictured Cliffs	1885'
Mesa Verde	2827'
Point Lookout	1885'
Gallup	5724'
Dakota	6482'

Surface String

10 3/4" 32.75## set @ 173"
Cemented with 125 sxsx to Surf (circ)

TUBING RECORD:

2 3/8" 4.7# 6528' Seating nipple @

DV @ 2119'

Intermediate String

7 5/8" 26.4# set @ 5508'
Cemented with 150 sxs to 5060' (Calc 75%)
Cemented with 100 sxs to 1800' (Calc 75%)

Squeezed top of liner at 5424' with 100 sxs

SQUEEZE DETAIL:

12/20/58: 4 holes 6340' & 6570'
100 sxs at 6570' and 50 sxs at 6340'

PERFORATIONS:

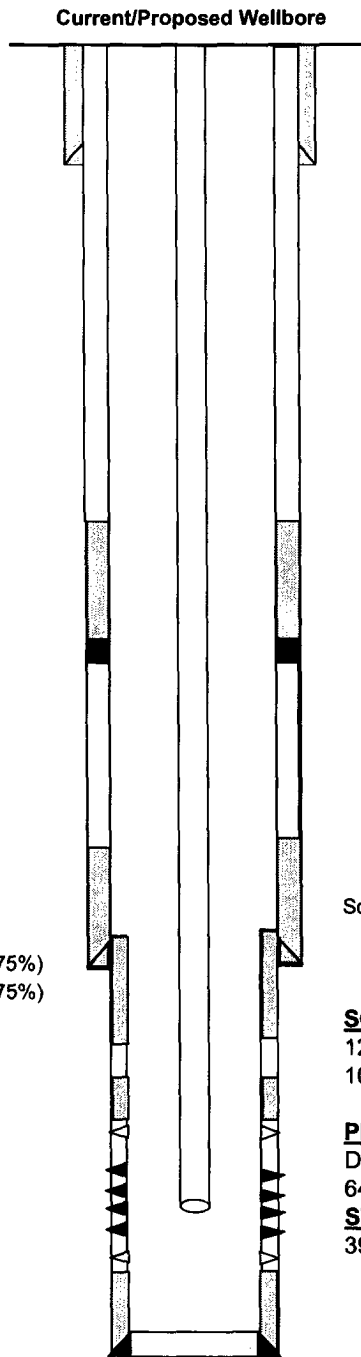
Dakota:
6480-6566'

STIMULATION:

39,000 gal Oil , 40,000 # sand

Production String

5 1/2" 15.5# set from 5424' to 6648'
Cemented with 200 sx to ?



PBTD= 6,600'
TD= 6,665'