

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division

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

820' FSL, 1840' FEL, Sec. 16, T-28-N, R-10-W, NMPM, San Juan County

API # (assigned by OCD)
30-045-23955

5. Lease Number

6. State Oil & Gas Lease #
State

7. Lease Name/Unit Name

Cain Com
8. Well No.
12E

9. Pool Name or Wildcat
Otero Chacra/Basin DK

10. Elevation:

Type of Submission

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

Type of Action

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other - commingle

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

It is intended to commingle the subject well according to the attached procedure.
An application for down hole commingle will be applied for.

SIGNATURE

Peggy Cole

Regulatory Supervisor April 3, 2003

TLW

(This space for State Use)

Approved by

[Signature]

Title

DEPUTY OIL & GAS INSPECTOR, DIST. #2

Date

APR - 7 2003

Cain Com #12E
Dakota / Chacra
820' FSL & 1840' FEL
Unit O, Sec. 16, T28N, R10W
Latitude / Longitude: 36° 39.44' / -107° 53.93'
AIN: 775601 / 775602
01/16/2003 Commingle Procedure

Summary/Recommendation:

The Cain Com #12E was originally drilled and completed as a Dakota / Chacra dual producer in 1980. A workover has not been performed on this well since original completion. In order to optimize production on the well POE recommends removing the packer and producing both zones up 2-3/8" tubing. The Dakota formation is currently producing 58 MCFD, and the Chacra formation is currently producing 42 MCF/D. Anticipated uplift is 33 MCF/D from the Dakota and 22 MCF/D from the Chacra.

NOTE: ALL DEPTHS ARE MEASURED FROM KB. KB to GL was 13'.

1. Comply with all NMOCD, BLM and Burlington safety and environmental regulations. Test rig anchors and build blow pit prior to moving in rig. Notify **BROG Regulatory (Peggy Cole 326-9727)** and the appropriate Regulatory Agency prior to pumping any cement job. If an unplanned cement job is required, approval is required before the job can be pumped. If verbal approval is obtained, document approval in DIMS/WIMS. Allow as much time as possible prior to pump time in case the Agency decides to witness the cement.
2. Prior to moving rig on, broach tbg and set tbg plug in SN at ~ 6536' on the Dakota string. To ensure the tbg plug is held in place, fill tbg with half of volume with 2% KCL. MOL and RU workover rig. Obtain and record all wellhead pressures. NU relief line. Blow well down and kill with 2% KCL water if necessary. ND WH and NU BOP with stripping head. Test and record operation of BOP rams. Have wellhead and valves serviced as necessary. (A single-tubing donut and WH for 2-3/8" tubing will be needed.) Test secondary seal and replace/install as necessary.
3. Pick up 1-1/2", 2.7#, non-upset Chacra tubing set @ 3120' and RIH to the top of the packer (~3291') to determine if any fill is present (record depth). TOOH laying down the Chacra tubing.
4. Release 5-1/2" Model R-3 DoubleGrip Packer with straight pickup (no rotation required). If packer will not come free, then cut 1-1/2", 2.90#, J-55 tubing above the packer and fish with overshot and jars. TOOH with 1-1/2", 2.90#, J-55 EUE Dakota tubing (set at 6567'). Visually inspect tubing for corrosion and replace any bad joints. Check tubing for scale build up and notify Operations Engineer and Drilling Manager.
5. TIH with 4-3/4" bit and watermelon mill on 2-3/8" tubing. Cleanout to PBTD at +/- 6669' with air/mist. PU above the perforations (top perf @ 3052') and flow the well naturally, making short trips for clean up when necessary. **Note: when using air/mist, the minimum mist rate is 12 bph.** If scale is present, contact Operations Engineer and Drilling Manager to determine methodology for removing scale from casing and perforations. TOOH w/ tubing.
6. TIH with an expendable check on bottom, seating nipple, one joint 2-3/8", 2' x 2-3/8" pup joint, then 1/2 of the 2-3/8" tubing. Run a broach on sandline to ensure the tubing is clear. TIH with remaining 2-3/8" tubing and then broach this tubing. Replace bad joints as necessary. Land tubing at approximately 6570'.
7. ND BOP and NU single-tubing hanger WH. Pump off expendable check. Obtain final pitot gauge up the tubing. Connect to casing and circulate air to assure that the expendable check has pumped off. If well will not flow on its own, make swab run to seating nipple. **During cleanout operations the reservoir may be charged with air. As a result of excess oxygen levels that may be in the reservoir and/or wellbore, contact the Lease Operator to discuss the need for determining oxygen levels prior to returning the well to production.** RD and MOL. Return well to production.

Recommended: Jay Paul McWilliams
 Operations Engineer 2/6/03

Approved: Bruce W. Borge 2-6-03
 Drilling Manager

Jay Paul McWilliams Office: 324-6146
 Cell: 320-2586

Sundry Required: YES / NO
 Approved: Peggy Cole 2-7-03
 Regulatory

Lease Operator: Mike Watkins
 Specialist: Terry Nelson
 Foreman: Steve Florez

Cell: 486-0439
 Cell: 320-2503
 Cell: 320-0029

Pager: 949-4667
 Pager: 326-8473
 Pager: 326-8199