

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

10 JUL 25 PM 3:15

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) 324-9700

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

1650' FSL, 1840' FEL, Sec. 31, T-27-N, R-7-W, NMPM

5. Lease Number
SF-080511

6. If Indian, All. or
Tribe Name

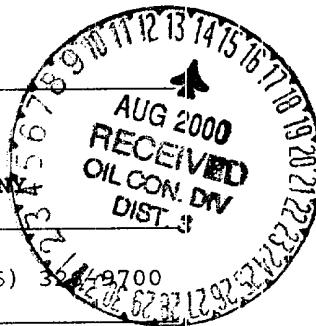
7. Unit Agreement Name

8. Well Name & Number
Harrington #9

9. API Well No.
30-039-25503

10. Field and Pool
Otero Cha/Blanco MV/
Largo Gal/Basin DK

11. County and State
Rio Arriba 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 - 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 all four formations in the subject well according to the attached procedure. A down-hole commingle application will be filed.

Largo Grallup should have 320AC dedicated - 160 Ac shown in Kardon

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

Signed [Signature] (TF3) Title Regulatory Supervisor Date 6/22/00
no

(This space for Federal or State Office use)

APPROVED BY [Signature] Title ONR Date 6/22/00
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.

NMOCB

Harrington 9
Chacra/Mesa Verde & Gallup/Dakota
AIN: 3494601, 3494602, 3494603, 3494604
1650' FSL & 1840' FEL
Unit J, Sec. 31, T27N, R7W
Latitude / Longitude: 36° 31.5985' / 107° 36.8033'

Recommended Commingle Procedure

Project Summary: The Harrington 9 is a dual Chacra/Mesa Verde (commingled) and Gallup/Dakota (commingled) well drilled in 1995. We plan to commingle the four formations in this well, hang 2-3/8" tubing and install a plunger lift in order to keep the well unloaded. This well has not been pulled since completion. The Chacra and Mesa Verde are each producing 78 MCFD and have cumulative production of 178 MMCF each. The Gallup/Dakota has been shut in since February 1998 due to an obstruction in the tubing and have a cumulative production of 22 MMCF for each zone. **Note: There is a plunger stop stuck in the GL/DK tubing.** Estimated uplift is 17 MCFD (Chacra), 22 MCFD (Mesa Verde), 80 MCFD (Gallup) and 80 MCFD (Dakota).

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 Bradfield 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 job.
2. MOL and RU workover rig. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with 2% KCl water as necessary. ND wellhead and NU BOP. Test and record operation of BOP rams. Have wellhead and valves serviced at machine shop to convert to a single string wellhead (2-3/8"). Test secondary seal and replace/install as necessary.
3. **Note: There is a plunger stop stuck in the GL/DK tubing.** Set a plug with wireline in the Gallup/Dakota tubing. Pick up 1-1/2" tubing and RIH to the top of the Model D packer to determine if any fill is present. TOOH laying down the 1-1/2", 2.76#, J-55 bull plugged Chacra/Mesa Verde tubing (set at 4651').
4. Release Baker seal assembly from the Model D Packer with straight pickup (no rotation required). If seal assembly will not come free, then cut 1-1/2" tubing above the packer and fish with overshot and jars. TOOH with 1-1/2", 2.76#, J-55 Gallup/Dakota tubing (set at 6694'). Check tubing for scale build up and notify Operations Engineer.
5. PU new or yellow banded 2-3/8", 4.7#, J-55, EUE tubing. TIH with Model CK packer retrieval spear (PRS, with holes drilled near rotary shoe), rotary shoe, drain sub, top bushing, bumper sub, jars, and 4-6 drill collars on 2-3/8", 4.7#, J-55, EUE tubing. Mill out Model D packer at 4950' with air/mist. **Note: when using air/mist, the minimum mist rate is 12 bph. Try to maintain air rate at 1,400 cfm. A hydrocarbon stable foamer should be utilized since this well makes significant amounts of condensate.** After milling over the packer slips, POOH with tools and packer body.


6. TIH with 4-3/4" bit and cleanout to CIBP at +/- 6758'. TOOH with tubing.
7. TIH with an expendable check and a seating nipple on bottom of 2 3/8" tubing. Broach all tubing and land at approximately 6650'. ND BOP and NU single string wellhead (2-1/16" master valve). Pump off expendable check and blow well in. Return well to production.
8. Production Operations will install plunger lift.

Recommended:  6-22-00
Operations Engineer

Approval: Bruce D. Bays 6-22-00
Drilling Superintendent

Contacts: Operations Engineer Tim Friesenhahn
326-9539 (Office)
324-7031 (Pager)

Production Foreman Ward Arnold
326-9846 (Office)
326-8340 (Pager)

 6-22-00
sundry required