

submitted in lieu of Form 3160-5

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

Unit A (NENE), 910' FNL & 930' FEL, Sec. 15, T25N, R6W, NMPM

5. Lease Number  
NMSF-078884

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

CANYON LARGO UNIT

8. Well Name & Number

9. Canyon Largo Unit #409  
API Well No.

30-039-25385

10. Field and Pool

Basin Dakota

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

☐ Casing Repair

☐ Altering Casing

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

☒ Other - Commingle

13. Describe Proposed or Completed Operations

Plans are to remove the packer on the subject well and commingle the production after flow tests are conducted. See the attached procedure for details of the work proposed. A downhole commingle application will be applied for before commingling occurs.

CONDITIONS OF APPROVAL

Adhere to previously issued stipulations.



2005  
NOV 23 PM 12 43  
RECEIVED  
ARMINGTON NM

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

Signed

*Patsy Clugston*

Patsy Clugston

Title Sr. Regulatory Specialist

Date 11/23/05

(This space for Federal or State Office use)

APPROVED BY *Mark Halberstam*

Title *PER ENG*

Date *11/28/05*

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

## **Canyon Largo Unit #409 – Commingle Procedure**

910' FNL, 930' FEL  
25N 6W Sec. 15 Unit B  
Rio Arriba County, NM  
Lat: 36° 34.18 Long: 107° 23.26  
AIN: 3490302

Scope: Currently this wellbore is a dual completion producing the Chacra and Dakota formations. The intent of this procedure is to commingle the two formations with a single 2-3/8" tubing string. Both 1-1/2" tubing strings will be pulled and the Model D packer will be milled over and pulled out of the hole. A bit and mill will be run to PBTD and new 2-3/8" production tubing will be run.

### **Well Info:**

8-5/8" 24.0# J-55 surface casing set at 217'  
5-1/2" 17.0# K-55 production casing set at 7264'  
1-1/2" 2.76# J-55 tubing set at 3714' (Chacra)  
1-1/2" 2.90# N-80 tubing set at 7164' (Dakota)  
Baker Model "D" Retainer Production Packer set at 3750'  
Wireline tools at ~6330'

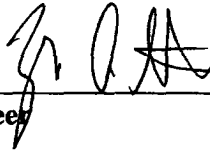
1. Hold Safety meeting. Comply with all NMOCD, BLM, and Burlington Resources safety and environmental regulations. Test rig anchors and build blow pit prior to moving in rig.
2. MIRU. Record tubing and casing pressures and record in DIMS. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with 2% KCL if necessary. ND wellhead and NU BOP.
3. TIH and tag for fill above packer, clean out if necessary. TOO H and lay down 3701' (110 joints) 1-1/2", 1.90", 2.76#, J-55 IJ 10 Rd tubing, 1 - 1.43" ID F Nipple, 1 - perf sub from CH side. Visually inspect tubing string as it is being laid down. Report condition of tubing on DFW report and type of scale, if any.
4. Release seal assembly from the Model D packer and TOO H and lay down 7151' (222 joints) 1-1/2", 1.90", 2.90#, N-80 EUE 10 Rd tubing, 1 - 1.43" F Nipple, 1 - perf sub from Dakota side, Baker Model D wireline set packer at 3750' (106 joints and 1 pup joint below seal assembly, 116 joints and 3 pup joints above seal assembly. Visually inspect tubing string as it is being laid down. Report condition of tubing on DFW report and type of scale, if any.
5. PU and TIH with packer spear, rotary shoe, drain sub, top bushing, bumper sub jars and drill collars on 2-3/8" tubing. Mill over Model D packer slips and TOO H with BHA, tubing and packer body.
6. PU bit and mill and TIH to clean out to PBTD at 7232'. TOO H.
7. TIH with expendable check and clean out to PBTD. Once well has cleaned up to water rates less than 5 BPH and a trace of sand, PU tubing and set at 7130' (tubing landing depth).
8. RU test unit and pit. Flow test the entire wellbore up the annulus with a backpressure equivalent to the line pressure in that area on unit. Run a minimum 3-hour test and record results on DFW report. Be sure that it is a stabilized test, no spikes that indicate loading or surging. If the well is unstable continue with test until a stable 3-hour test has been recorded.
9. RD the test unit lines but do not RD the unit. (Unit will be utilized in CH test.)

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10. TOO. PU 4-1/2" RBP on 2-3/8" tubing. RIH and set RBP @ 3865' (approx. 200' below bottom CH perforation).
11. PU and set tubing at 3760' (approx. 100' above RBP.)
12. RU test unit and pit. Flow test CH up the annulus with a backpressure equivalent to the line pressure in that area on unit. Ensure that test is performed with the same backpressure as the Commingled DK/CH Test. Run a minimum 3-hour test and record results on DFW report and the drilling test sheet. Be sure that it is a stabilized test, no spikes that indicate loading or surging. If the well is unstable continue with test until a stable 3-hour test has been recorded.
13. Latch onto RBP, equalize, TOO. and LD RBP.
14. MU BHA as follows: Expendable check, 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 tubing while RIH. Check for fill. Clean out to PBTD.
15. Once well has cleaned up to water rates less than 5 BPH and a trace of sand, PU and land tubing at 7130'.

Recommended:

Production Engineer



11/21/05

Approved:

Sr. Rig Supervisor



Production Engineer: Zach Stradling

Production Foreman: Terry Nelson

Area Specialist: Sheldon Montoya

Lease Operator: Matt Valdez

Office: 326-9779

Pager: 326-8473

Pager: 326-8446

Pager: 324-4413

Cell: 486-0046

Cell: 320-2503

Cell: 320-2857

Cell: 330-3358

11/21/2005

SPUD DATE: 7/28/94  
COMPLETION DATE: 1/23/95

CH & DK

### CANYON LARGO UNIT 409

T025N R006W Section 015 Unit A  
910 FNL & 930 FEL  
RIO ARriba COUNTY, NM

API Number: 30039253850000

CH AIN: 3490301

DK AIN: 3490302

CH Meter: 97809

DK Meter: 97808

**CASING RECORD:**  
8-5/8" 24# set @ 217'  
Cemented with 210 sx circ to surf

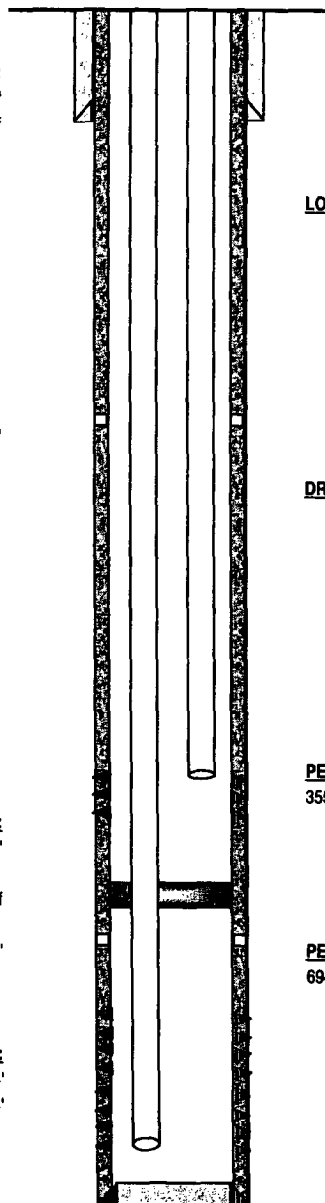
DV tool @ 2399'

**CASING RECORD:**  
5-1/2" 17# set @ 7264'  
Cemented with 1429 sx  
in 3 stages, circ to surf

DV tool @ 5051'

**TUBING RECORD:**  
CH 1-1/2" 2.76 set @ 3714'  
DK 1-1/2" 2.9 set @ 7164'

Current Wellbore



#### LOGGING:

#### DRILLING DETAIL:

**PERFORATIONS:**  
3557' - 3662'

**PERFORATIONS:**  
6946' - 7149'

#### FORMATION TOPS:

Ojo Alamo	2135'
Kirtland	2264'
Fruitland Coal	2568'
Pictured Cliffs	2701'
Chacra	3552'
Cliff House	4292'
Manefee	4337'
Point Lookout	4870'
Gallup	6048'
Dakota	6940'

**STIMULATION:**  
360 bbis 20# gel  
66 msd

**STIMULATION:**  
111,544 gal 40# gel  
73 msd

PBTD: 7232'  
TOTAL DEPTH: 7264'

11/22/2005