

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RCVD NOV 2 '06
OIL CONS. DIV.
DIST. 3

Sundry Notices and Reports on Wells

2006 OCT 18 PM 2 34

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
Sec., T--N. R--W. NMPM

Unit P (SESE) 660' FSL & 730' FEL, Sec. 13, T25N, R6W NMPM

5. Lease Number
NMSF-07884
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name

8. Canyon Largo Unit
Well Name & Number

Canyon Largo Unit #254E

9. API Well No.

30-039-30014

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 | Type of Action |
|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Abandonment <input checked="" type="checkbox"/> Change of Plans <input type="checkbox"/> Other - |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Final Abandonment | <input type="checkbox"/> Plugging <input type="checkbox"/> Non-Routine Fracturing |
| | <input type="checkbox"/> Casing Repair <input type="checkbox"/> Water Shut off |
| | <input type="checkbox"/> Altering Casing <input type="checkbox"/> Conversion to Injection |

13. Describe Proposed or Completed Operations

Burlington Resources is requesting the following change on the well design:

Please see the attached operations plan and BOP diagram.

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

Signed Amanda Sanchez Title Regulatory Analyst Date 10/18/06

(This space for Federal or State Office use)

APPROVED BY [Signature] Title Per. Eng. Date 10/31/06

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

OPERATIONS PLAN

Well Name: Canyon Largo Unit #254E
Location: Unit P (SESE), 660' FSL & 730' FEL, Sec. 13, T25N, R6W
Rio Arriba County, New Mexico

Formation: Basin Dakota
Elevation: 6482' GL

| | | | |
|-----------------------|----------|-------|---------|
| Surface | San Jose | | |
| Surface | San Jose | 2034' | |
| Ojo Alamo | 2034' | 2124' | aquifer |
| Kirtland | 2124' | 2384' | gas |
| Fruitland | 2384' | 2524' | gas |
| Pictured Cliffs | 2524' | 2597' | gas |
| Lewis | 2597' | 2901' | |
| Huerfanito Bentonite | 2901' | 3367' | |
| Chacra | 3367' | 4116' | gas |
| Massive Cliff House | 4116' | 4188' | gas |
| Menefee | 4188' | 4727' | gas |
| Massive Point Lookout | 4727' | 5061' | gas |
| Mancos Shale | 5061' | 5776' | |
| Upper Gallup | 5776' | 6647' | gas |
| Greenhorn | 6647' | 6704' | gas |
| Graneros | 6704' | 6757' | gas |
| Two Wells | 6757' | 6839' | gas |
| Paguate | 6839' | 6871' | gas |
| Cubero | 6871' | 6942' | gas |
| Encinal | 6942' | 6928' | gas |
| Total Depth: | 6928' | | gas |

Logging Program:

Mud Logs/Coring/DST

Mud logs - none
Coring - none
DST - none
Open hole - none
Cased hole - Gamma Ray, CBL - surface to TD

Mud Program:

| <u>Interval</u> | <u>Type</u> | <u>Weight</u> | <u>Vis.</u> | <u>Fluid Loss</u> |
|-----------------|-----------------------|---------------|-------------|-------------------|
| 0 - 320' | Spud MUD/Air/Air Mist | 8.4 - 9.0 | 40 - 50 | no control |
| 320' - 6928' | LSND | 8.4 - 9.0 | 30 - 60 | no control |

Casing Program (as listed, the equivalent, or better):

| <u>Hole Size</u> | <u>Depth Interval</u> | <u>Csg. Size</u> | <u>Wt.</u> | <u>Grade</u> |
|------------------|-----------------------|------------------|------------|--------------|
| 12 1/4" | 0' - 320' | 8 5/8" | 24.0# | J-55 |
| 7 7/8" | 0' - 6928' | 4 1/2" | 10.5# | J-55 |

Tubing Program:

| <u>Depth Interval</u> | <u>Csg. Size</u> | <u>Wt.</u> | <u>Grade</u> |
|-----------------------|------------------|------------|--------------|
| 0' - 6928' | 2 3/8" | 4.7# | J-55 |

BOP Specifications, Wellhead and Tests:

Surface to Total Depth -

11" 2000 psi minimum annular and single gate BOP stack (Reference Attachment). After nipple-up prior to drilling out surface casing, BOPE and casing will be tested to 600 psi for 30 minutes.

Surface to Total Depth -

2" nominal, 2000 psi minimum choke manifold (Reference Attachment).

Completion Operations -

7 1/16" 2000 psi double gate BOP stack (Reference Figure #2 or original submittal). After nipple-up prior to completion, BOPE, casing and liner top will be tested to 2000 psi for 15 minutes.

Wellhead -

8 5/8" x 4 1/2" x 2 3/8" x 2000 psi tree assembly.

General -

- Pipe rams will be actuated once each day and blind rams will be actuated once each trip to test proper functioning.
- An upper kelly cock valve with handle available and drill string valves to fit each drill string will be available on the rig floors at all times.
- BOP pit level drill will be conducted weekly for each drill crew.
- All BOP tests & drills will be recorded in daily drilling reports.
- Blind and pipe rams will be equipped with extension hand wheels.

Cementing:

8 5/8" surface casing -

Conventionally Drilled - Cement with 344 sx Class G cement with 0.25 pps Celloflake, 2% CaCl. (396 cu ft of slurry, 200% excess, bring cement to surface) Wait on cement for 8 hrs for conventionally set holes before pressure testing or drilling out from under surface. Wait on cement appropriate time until cement achieves 250 psi compressive strength at 60 degrees F. prior to nipple up of BOPE. Wait on cement for 8 hrs for conventionally set holes before pressure testing or drilling out from under surface. Test casing to 600 psi for 30 minutes.

Saw tooth guide shoe on bottom. Bowspring centralizers will be run in accordance with Onshore Order #2.

4 1/2" Production Casing -

4 1/2" Production Casing One Stage -

Lead with ~~w/501 sacks (871 cuft)~~ 25/75 Poz/TXI cement w/0.25 pps celloflake, 0.3% Retarder, 1 lb/bbl LCM, 0.5% Fluid loss, 0.1% antifoam, 2.5% bentonite. Tail ~~w/171 sacks (235 cuft)~~ 50/50 Poz/Class G 0.25 pps celloflake, 3.0% bentonite, 1.0 pps gilsonite extender, 0.25% fluid loss, 0.1% antifoam, 0.15% dispersant, 0.15% retarder, 1 lb/bbl LCM (50% excess, circulate to surface, run CBL/ temperature survey if cement is not circulated to surface.)

4 1/2" Production Casing Two Stage - Optional

As above with Stage collar set at 4577' pumped in 2 stages. 1st stage tail and lead. 2nd stage all lead to surface. Lead with ~~w/501 sacks (871 cuft)~~ 25/75 Poz/TXI cement w/0.25 pps celloflake, 0.3% Retarder, 1 lb/bbl LCM, 0.5% Fluid loss, 0.1% antifoam, 2.5% bentonite. Tail ~~w/171 sacks (235 cuft)~~ 50/50 Poz/Class G 0.25 pps celloflake, 3.0% bentonite, 1.0 pps gilsonite extender, 0.25% fluid loss, 0.1% antifoam, 0.15% dispersant, 0.15% retarder, 1 lb/bbl LCM (50% excess, circulate to surface, run CBL/ temperature survey if cement is not circulated to surface.)

Cement nose guide shoe on bottom with float collar spaced on top of shoe joint. Bowspring centralizers spaced every fourth joint off bottom, to the base of the Ojo Alamo @ 1233'. Two turbolating centralizers at the base of the Ojo Alamo 1233'. Bowspring centralizers spaced every fourth joint from the base of the Ojo Alamo to the base of the surface casing.

Note: If open hole logs are run, cement volumes will be based on 25% excess over caliper volumes.

- If hole conditions permit, an adequate water spacer will be pumped ahead of each cement job to prevent cement/ mud contamination or cement hydration.

Special Drilling Operations (Air/Mist Drilling):


The following equipment will be operational while air/mist drilling:

- An anchored blooie line will be utilized to discharge all cuttings and circulating medium to the blow pit a minimum of 100' from the wellhead.
- The blooie line will be equipped with an automatic igniter or pilot light.
- Compressors will be located a minimum of 100' from the wellhead in the opposite direction from the blooie line.
- Engines will have spark arresters or water cooled exhaust.
- The rotating head will be properly lubricated and maintained.
- A float valve will be utilized above the bit.
- Mud circulating equipment, water, and mud materials will be sufficient to maintain control of the well.

Additional Information:

- The Dakota formations will be completed.
- No abnormal temperatures or hazards are anticipated.
- Anticipated pore pressures are as follows:

| | |
|-----------------|----------|
| Fruitland Coal | 300 psi |
| Pictured Cliffs | 600 psi |
| Mesa Verde | 700 psi |
| Dakota | 2000 psi |
- Sufficient LCM will be added to the mud system to maintain well control, if lost circulation is encountered below the top of the Pictured Cliffs.
- The east half of Section 13 is dedicated to the Dakota formation.
- This gas is dedicated.


Drilling Engineer

10/18/06
Date

AZTEC 184 BOP SYSTEM

