

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

RECEIVED

APR 30 2010

Sundry Notices and Reports on Wells

Bureau of Land Management
Farmington Field Office1. Type of Well
GAS5. Lease Number
NM-028616. If Indian, All. or
Tribe Name

2. Name of Operator

BURLINGTON

RESOURCES OIL & GAS COMPANY LP

7. Unit Agreement Name

3. Address & Phone No. of Operator

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

8. Well Name & Number
Lodewick 8

9. API Well No.

30-045-06326

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

Surf: Unit P (SESE), 890' FSL & 1025' FEL, Section 19, T27N, R9W, NMPM

10. Field and Pool

11. Basin Dakota
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☐ Casing Repair☐ Altering Casing☐ Change of Plans☐ New Construction☐ Non-Routine Fracturing☐ Water Shut off☐ Conversion to Injection

Other -

RCVD MAY 5 '10
OIL CONS. DIV.

DIST 2

13. Describe Proposed or Completed Operations

Burlington Resources wishes to P&A this well per the attached procedures and well bore schematics.

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

Signed Rhonda Rogers Rhonda Rogers Title Staff Regulatory Technician Date 4/30/10

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title _____Date MAY 04 2010

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

PLUG AND ABANDONMENT PROCEDURE

April 14, 2010

Lodewick #8

Basin Dakota

890' FSL, 1025' FEL, Section 19, T27N, R9W, San Juan County, New Mexico

API 30-045-06326 / Long - 107° 49' 24.564" W / Lat: 36° 33' 20.124" N

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. This project requires a NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
2. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
3. Rods: Yes ☐ , No ☒ , Unknown ☐ .
Tubing: Yes ☒ , No ☐ , Unknown ☐ , Size 2.375" , Length 6659' .
Packer: Yes ☐ , No ☒ , Unknown ☐ , Type ☐ .
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.
4. PU on tubing and sting out of existing cement retainer. Sting into CR and pressure test tubing to 1000 PSI. Sting out of CR and attempt to pressure test casing to 800 PSI. If casing does not test, then spot or tag subsequent plugs as appropriate. If unable to sting out of CR then jet cut tubing as determined by calculated freepoint. Modify Plug #1 as approved by BLM/NMOCD.
5. **Plug #1 (Dakota perforations and top, 6659' - 6559')**: Spot 17 sxs Class B cement and spot a balanced plug inside the casing above the existing CR to isolate the Dakota interval. TOH with tubing.
6. **Plug #2 (Gallup top, 5857' - 5757')**: Perforate 3 HSC holes at 5857'. TIH and set a CR at 5807'. Establish a rate into the squeeze holes. Mix 60 sxs Class B cement, squeeze 43 sxs outside the casing and leave 17 sxs inside casing to cover the Gallup top. TOH with tubing.
7. **Plug #3 (Mesaverde top, 3911' - 3811')**: Perforate 3 HSC holes at 3911'. TIH and set a CR at 3861'. Establish a rate into the squeeze holes. Mix 60 sxs Class B cement, squeeze 43 sxs outside the casing and leave 17 sxs inside casing to cover the Mesaverde top. TOH with tubing.
8. **Plug #4 (Pictured Cliffs and Fruitland top, 2338' - ~~2020'~~ 1933')**: Mix ~~42~~ 1303 sxs Class B cement and spot a balanced plug to cover the PC and Fruitland tops. TOH.
9. **Plug #5 (Kirtland and Ojo Alamo tops, 1570' - ~~1375'~~ 1303')**: Perforate 3 HSC holes at 1570'. TIH and set a CR at 1570'. Establish a rate into the squeeze holes. Mix ~~142~~ 1303 sxs Class B cement, squeeze ~~84~~ 28 sxs outside the casing and leave 28 sxs inside casing to cover through the Ojo Alamo top. TOH and LD tubing.

Chacra Top 3250 - Plug 3300 - 3200 1933

10.Plug #6 (10.75" Surface casing shoe, 383' to Surface): Perforate 3 squeeze holes at 383'.

Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix approximately 185 sxs Class B cement and pump down the 5.5" casing to circulate good cement out bradenhead. Shut in well and WOC.

11. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

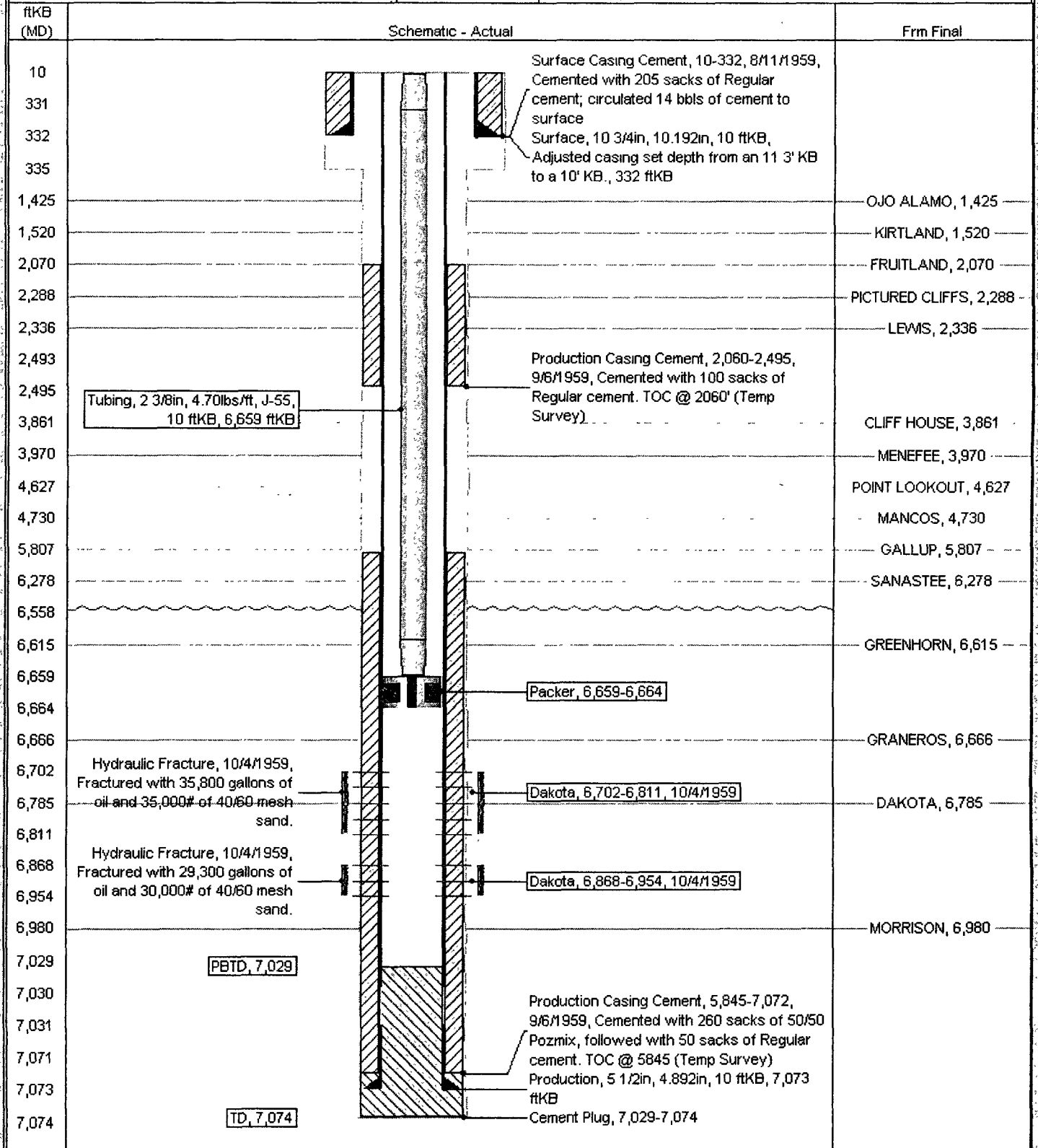
Current Schematic

ConocoPhillips

Well Name: LODEWICK #8

API/UVUJ	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3004506326	NMPM,019-027N-009WV	NEW MEXICO (IMPROVED GAS)		NEW MEXICO		
Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)		
6,517.00	6,527.00	10.00				

Well Config - LODEWICK 8, 4/22/2010 12:49:44 PM



Lodewick #8

Proposed P&A

Basin

890' FSL, 1025' FEL, Section 19, T-27-N, R-9-W, San Juan County, NM

Lat: 36°33'20.124" N / Lat: 107°49'24.564" W, API #30-045-06326

Today's Date: 4/14/10

Spud: 8/9/59

Completion: 10/10/59

Elevation 6517' GL

12 25" hole

Ojo Alamo @ 1425'

Kirtland @ 1520'

Fruitland @ 2070'

Pictured Cliffs @ 2288'

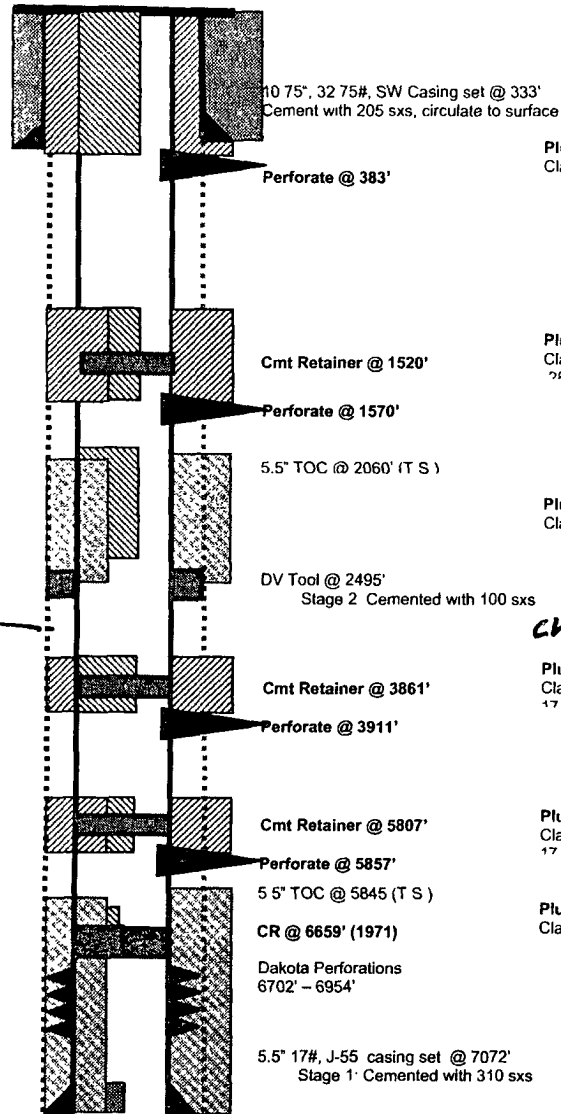
Chacra @ 3250'

Mesaverde @ 3861'

Gallup @ 5807'

Dakota @ 6785'

8 75" Hole



10 75" 32 75# SW Casing set @ 333'
Cement with 205 sxs, circulate to surface

Perforate @ 383'

Plug #6: 383' - 0'
Class B cement, 185 sxs

Cmt Retainer @ 1520'

Plug #5: 1570' - 1375'
Class B cement, 112 sxs
28 in and 84 out

Perforate @ 1570'

5.5" TOC @ 2060' (T S)

Plug #4: 2338' - 2020'
Class B cement, 42 sxs

DV Tool @ 2495'
Stage 2 Cemented with 100 sxs

Chacra plug 3300-3200

Cmt Retainer @ 3861'

Plug #3: 3911' - 3811'
Class B cement, 60 sxs
17 in and 43 out

Perforate @ 3911'

Cmt Retainer @ 5807'

Plug #2: 5857' - 5757'
Class B cement, 60 sxs
17 in and 43 out

Perforate @ 5857'

5 5" TOC @ 5845' (T S)

Plug #1: 6659' - 6559'
Class B cement, 17 sxs

CR @ 6659' (1971)

Dakota Perforations
6702' - 6954'

5.5" 17# J-55 casing set @ 7072'
Stage 1 Cemented with 310 sxs

TD 7074'

**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
1235 LA PLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401**

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: 8 Lodewick

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.
3. The following modifications to your plugging program are to be made:
 - a) Place the Pictured Cliffs/Fruitland plug from 2338' – 1933'.
 - b) Place the Kirtland/Ojo Alamo plug from 1570' – 1303' inside and outside the 5 ½" casing.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.