

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DEC 03 2010

Sundry Notices and Reports on Wells

Farmington Field Office
Bureau of Land Management

1. Type of Well
GAS

5. Lease Number
SF-077317
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name

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

8. Well Name & Number
Cooper 11

9. API Well No.

30-045-28567

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

Unit N (SESW), 1140' FSL & 1450' FWL, Section 6, T29N, R11W, NMPM

10. Field and Pool
Otero Chacra / Crouch Mesa MV

11. County and State
San Juan, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

☒

Notice of Intent

Type of Action

☒

Abandonment

Change of Plans

Other -

☐

Recompletion

New Construction

☐

Subsequent Report

☐

Plugging

Non-Routine Fracturing

☐

Final Abandonment

☐

Casing Repair

Water Shut off

☐

Altering Casing

Conversion to Injection

13. Describe Proposed or Completed Operations

Burlington Resources requests permission to P&A the subject well per the attached procedures, current and proposed wellbore schematic.

Notify NMOCD 24 h.
prior to beginning
operations

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

Signed Crystal Tafoya Crystal Tafoya

Title: Staff Regulatory Technician

Date 12/3/2010

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title

Date

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



DEC 03 2010

ABANDONMENT PROCEDURE

October 28, 2010

Cooper 11 (CH)

Otero Chacra

1140' FSL and 1450' FWL, Unit N Section 06, T29N, R11W

San Juan County, New Mexico / API 30-045-28567

Lat: 36° 45' 1.836" N / Long: 108° 2' 8.088" W

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 X, Unknown____.
Tubing: Yes X, No____, Unknown____ Size 2.375, Length 3094'.
Packer: Yes____, No X, Unknown____ Type____.
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.
4. **Plug #1 (CH Perforations and top: 2569' – 2469')**: RIH and set 4-1/2" BP at 2569'. Load casing and circulate well clean. Pressure test tubing to 1000 PSI. Pressure test casing to 800#. *If casing does not test, then spot or tag subsequent plugs as appropriate.* Mix 12 sxs Class B cement and spot above BP to isolate the CH Perforations and top. PUH.
5. **Plug #2 (Pictured Cliffs and Fruitland tops: 1966' - ~~1603~~¹⁴⁹³)**: Mix ~~32~~ sxs B cement and spot balanced plug inside casing to cover Pictured Cliffs and Fruitland tops. PUH
6. **Plug #3 (Kirtland and Ojo Alamo tops: 763' - 526')**: Mix 22 sxs Class B cement and spot balanced plug inside casing to cover Kirtland and Ojo Alamo tops. PUH
7. **Plug#4 (8 5/8" casing shoe and surface: 275' – surface)**: Mix 21sxs B cement and spot balanced plug inside casing to cover casing shoe and surface. Shut in well and WOC.
8. 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.

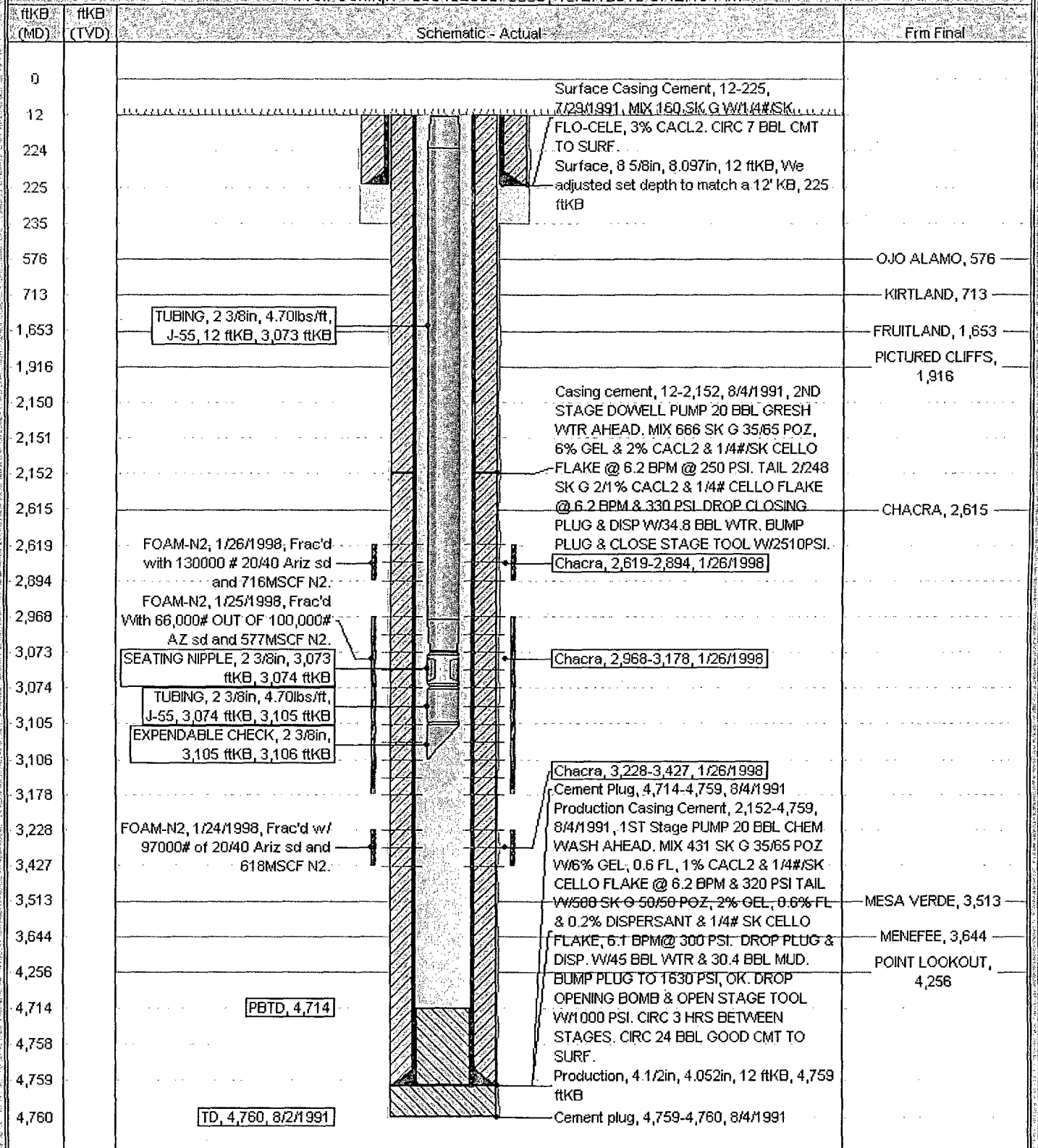
Current Schematic

ConocoPhillips

Well Name: COOPER #11

| | | | | | |
|-----------------------------------|---|----------------------------------|--|--|---------------------------------|
| API / UWI 3004528567 | Surface Legal Location 006-029N-011W-N | Field Name CROUCH MESA MV | License No. 60133 | State/Province NEW MEXICO | Well Configuration Type Edit |
| Ground Elevation (ft) 5,755.00 | Original KB/RT Elevation (ft) 5,767.00 | KB-Ground Distance (ft) 12.00 | KB-Casing Flange Distance (ft) 5,767.00 | KB-Tubing Hanger Distance (ft) 5,767.00 | |

Well Config: 30045285670000, 10/27/2010 8:42:19 AM



Proposed Schematic

ConocoPhillips

Well Name: COOPER #11

| | | | | | | |
|-----------------------|-------------------------------|-------------------------|--------------------------------|--------------------------------|-------------------------|------|
| API/UVI# | Surface Legal Location | Field Name | License No. | State/Province | Well Configuration Type | Edit |
| 3004528567 | 006-029N-011W-N | CROUCH MESA MV | 80133 | NEW MEXICO | | |
| Ground Elevation (ft) | Original KB/RT Elevation (ft) | KB-Ground Distance (ft) | KB-Casing Flange Distance (ft) | KB-Tubing Hanger Distance (ft) | | |
| 5,755.00 | 5,767.00 | 12.00 | 5,767.00 | 5,767.00 | | |

Well Config: - 30045285670000, 1/1/2020

| ftKB (MD) | ftKB (TVD) | Schematic - Actual | Frm Final |
|-----------|------------|--|------------------------|
| 0 | | Surface Casing Cement, 12-225, 7/29/1991, MIX 160 SK G W/1/4#SK | |
| 12 | | FLD-CELL, 5% CACL2, CIRC 7 BBL CMT TO SURF. | |
| 224 | | Surface, 8 5/8in, 8.097in, 12 ftKB, We adjusted set depth to match a 12' KB, 225 ftKB | |
| 225 | | Plug 4, 12-275, 1/1/2020, Cmt w/21sxs Class B | |
| 235 | | | |
| 275 | | | |
| 526 | | | |
| 576 | | | OJO ALAMO, 576 |
| 713 | | | KIRTLAND, 713 |
| 763 | | Plug 3, 526-763, 1/1/2020, Cmt w/22sxs Class B | |
| 1,603 | | Plug 2, 1,603-1,966, 1/1/2020, Cmt w/32sxs Class B | |
| 1,653 | | Casing cement, 12-2,152, 8/4/1991, 2ND STAGE DOWELL PUMP 20 BBL GRESH | FRUITLAND, 1,653 |
| 1,916 | | WTR AHEAD. MIX 666 SK G 35/65 POZ, 6% GEL & 2% CACL2 & 1/4#SK CELLO FLAKE @ 6.2 BPM @ 250 PSI. TAIL 2/248 SK G 2 1/4% CACL2 & 1/4# CELLO FLAKE @ 6.2 BPM & 330 PSI. DROP CLOSING PLUG & DISP W/34.8 BBL WTR. BUMP PLUG & CLOSE STAGE TOOL W/2510PSI. | PICTURED CLIFFS, 1,916 |
| 1,966 | | Plug 1, 2,469-2,569, 1/1/2020, Cmt w/12sxs Class B | |
| 2,150 | | Bridge Plug - Permanent, 2,569-2,570 | |
| 2,151 | | | |
| 2,152 | | | |
| 2,469 | | | |
| 2,569 | | | |
| 2,570 | | | |
| 2,615 | | | CHACRA, 2,615 |
| 2,619 | | FOAM-N2, 1/26/1998, Frac'd with 130000 # 20/40 Ariz sd and 716MSCF N2. | |
| 2,894 | | | |
| 2,968 | | | |
| 3,073 | | FOAM-N2, 1/25/1998, Frac'd With 66,000# OUT OF 100,000# AZ sd and 577MSCF N2. | |
| 3,074 | | | |
| 3,105 | | | |
| 3,106 | | | |
| 3,178 | | | |
| 3,228 | | FOAM-N2, 1/24/1998, Frac'd w/ 97000# of 20/40 Ariz sd and 618MSCF N2. | |
| 3,427 | | | |
| 3,513 | | | |
| 3,644 | | | |
| 4,256 | | | |
| 4,714 | | PBTD, 4,714 | |
| 4,758 | | | |
| 4,759 | | | |
| 4,760 | | TD, 4,760, 8/2/1991 | |
| | | Chacra, 2,619-2,894, 1/26/1998 | |
| | | Chacra, 2,968-3,178, 1/26/1998 | |
| | | Chacra, 3,228-3,427, 1/26/1998 | |
| | | Production Casing Cement, 2,152-4,759, 8/4/1991, 1ST Stage PUMP 20 BBL CHEM WASH AHEAD. MIX 431 SK G 35/65 POZ W/6% GEL, 0.6 FL, 1% CACL2 & 1/4#SK CELLO FLAKE @ 6.2 BPM & 320 PSI TAIL W/588 SK G 50/50 POZ, 2% GEL, 0.6% FL & 0.2% DISPERSANT & 1/4# SK CELLO FLAKE, 6.1 BPM @ 300 PSI. DROP PLUG & DISP. W/45 BBL WTR & 30.4 BBL MUD. BUMP PLUG TO 1630 PSI, OK. DROP OPENING BOMB & OPEN STAGE TOOL W/1000 PSI. CIRC 3 HRS BETWEEN STAGES. CIRC 24 BBL GOOD CMT TO SURF. | MESA VERDE, 3,513 |
| | | Cement Plug, 4,714-4,759, 8/4/1991 | MENELEE, 3,644 |
| | | Production, 4 1/2in, 4.052in, 12 ftKB, 4,759 ftKB | POINT LOOKOUT, 4,256 |
| | | Cement plug, 4,759-4,760, 8/4/1991 | |

**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: 11 Cooper

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) Bring the top of the Pictured Cliffs/Fruitland plug to 1493'.

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.