

submitted in lieu of Form 3160-5

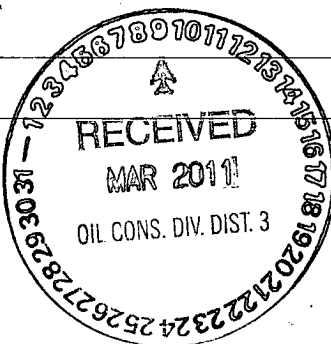
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

MAR 03 2011

Sundry Notices and Reports on Wells

Farmington, New Mexico  
Bureau of Land Management



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 D (NWNW), 790' FNL & 790' FWL, Section 9, T27N, R11W, NMPM

5. Lease Number  
SF-078872-A
6. If Indian, All. or  
Tribe Name
7. Unit Agreement Name
8. Well Name & Number  
Frontier B 2
9. API Well No.  
30-045-06750
10. Field and Pool  
Kutz Gallup/Basin DK
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

☐ 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 -

13. Describe Proposed or Completed Operations

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

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

Signed Crystal Tafoya Crystal Tafoya

Title: Staff Regulatory Technician

Date 3/2/11

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title

Date MAR 04 2011

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.

Run CBL before plugging

NMOCD

PC

## Expense – P&A

February 16, 2011

### Frontier B 2 (GP/DK)

Kutz Gallup/Basin Dakota  
790' FNL and 790' FWL, Unit D Section 9, T27N, R11W  
San Juan County, New Mexico / API 30-045-06750  
Lat: 36° 35' 41.064" N/ Long: 108° 0' 53.568" 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 2-3/8 (dual), Length 5887' and 6447'.  
Packer: Yes X, No\_\_\_\_, Unknown\_\_\_\_ Type Baker Model D @ 6441'.  
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.
4. PU on Gallup tubing at 5887' and release tubing anchor. TOH and LD Gallup tubing with tubing anchor. PU on Dakota tubing and sting out of packer. Sting into packer and pressure test tubing to 1000 PSI. Sting out of packer.
5. **Plug #1 (Dakota Perforations: 6441' – 6341')**: With packer at 6441' mix 29 sxs of Class B cement and spot above packer to cover Dakota interval. TOH and LD tubing.
6. **Plug #2 (Gallup Perforations and Top: 5804' – 5463')**: RIH and set 7" CIBP at 5804". Pressure test casing to 800#. *If casing does not test, then spot or tag subsequent plugs as appropriate.* Mix 74 sxs Class B cement and spot above CIBP at 5804' to cover Gallup perforation and top. TOH and LD tubing.  
*Basin Mancos Plug 4547- 4697*
7. **Plug #3 (Mesaverde Top: 2906' - 2806')**: Perforate 3 holes at 2906'. Establish rate into squeeze holes. RIH and set 7" CR at 2856'. Mix 55 sxs Class B cement, squeeze 26 sxs behind casing and leave 29 sxs inside casing to isolate Mesaverde top. TOH and LD tubing.  
*1556*
8. **Plug #4 (Pictured Cliffs and Fruitland Tops: 1955' – ~~1670'~~)**: Perforate 3 holes at 1735'. Establish rate into squeeze holes. RIH and set 7" CR at 1720. Mix ~~81~~ sxs Class B, squeeze ~~18~~ sxs behind casing and leave ~~68~~ sxs inside casing to isolate Pictured Cliffs and Fruitland tops. TOH and LD tubing.
9. **Plug #5 (Kirtland and Ojo Alamo Tops: 948' – 779')**: Perforate 3 holes at 948'. Establish rate into squeeze holes. RIH and set 7" CR at 898'. Mix 86 sxs Class B cement, squeeze 44 sxs behind casing and leave 42 sxs inside casing to cover Kirtland and Ojo Alamo top. TOH and LD tubing.

10. **Plug #6 (8-5/8" casing shoe to surface: 242' – surface):** Perforate 3 squeeze holes at 242'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix 108 sxs Class B cement, squeeze 62 sxs behind casing and leave 46 sxs inside casing. POH.
10. 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.

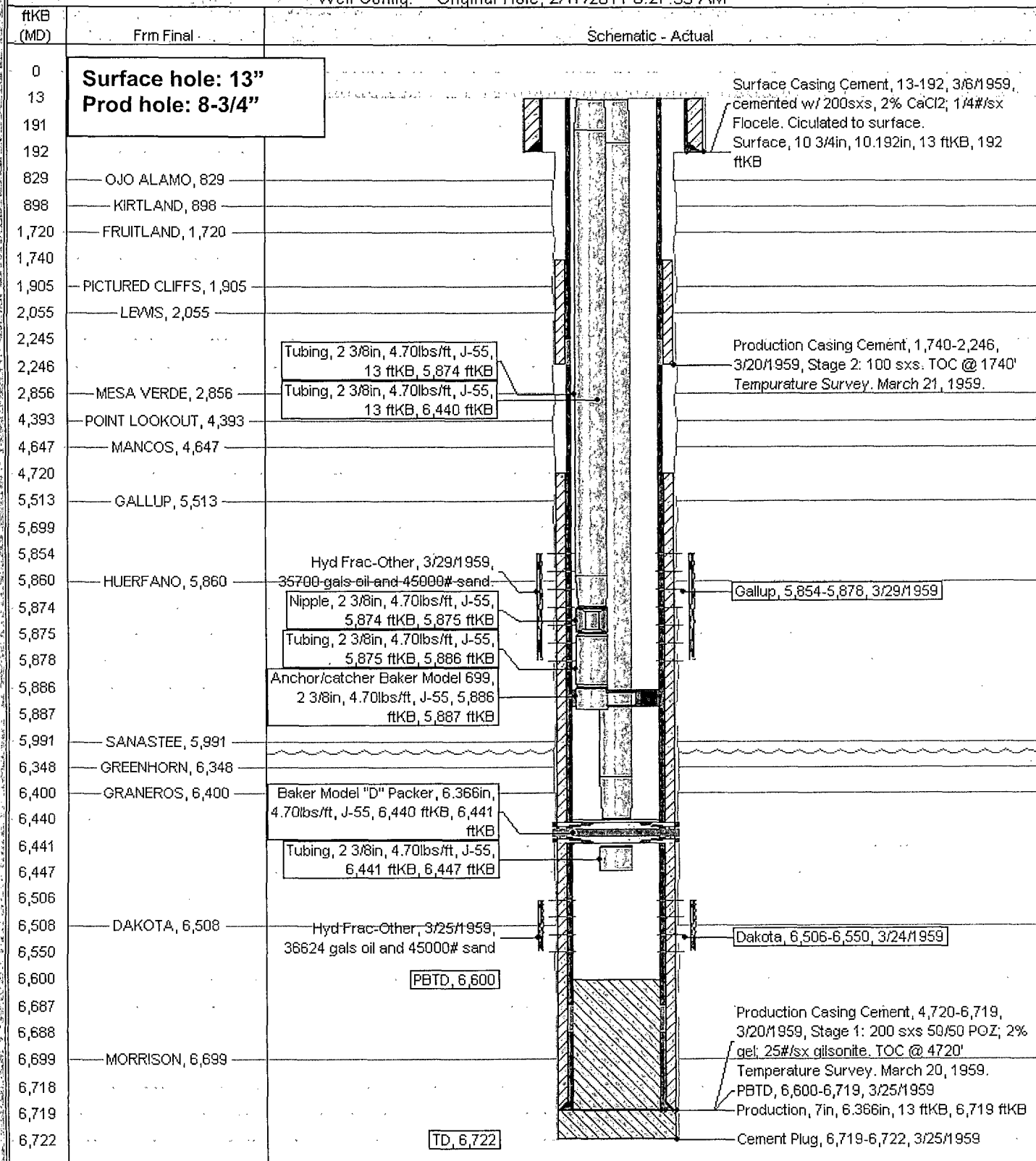
# Current Schematic

ConocoPhillips

Well Name: FRONTIER B#2

API/UVI#	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3004506750	NMPM_009-027N-011W	BASIN/DATA (PRODUCED GAS)		NEW MEXICO		
Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Grout Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)		
6,160.00	6,172.00	12.00				

Well Config: - Original Hole, 2/17/2011 8:27:35 AM



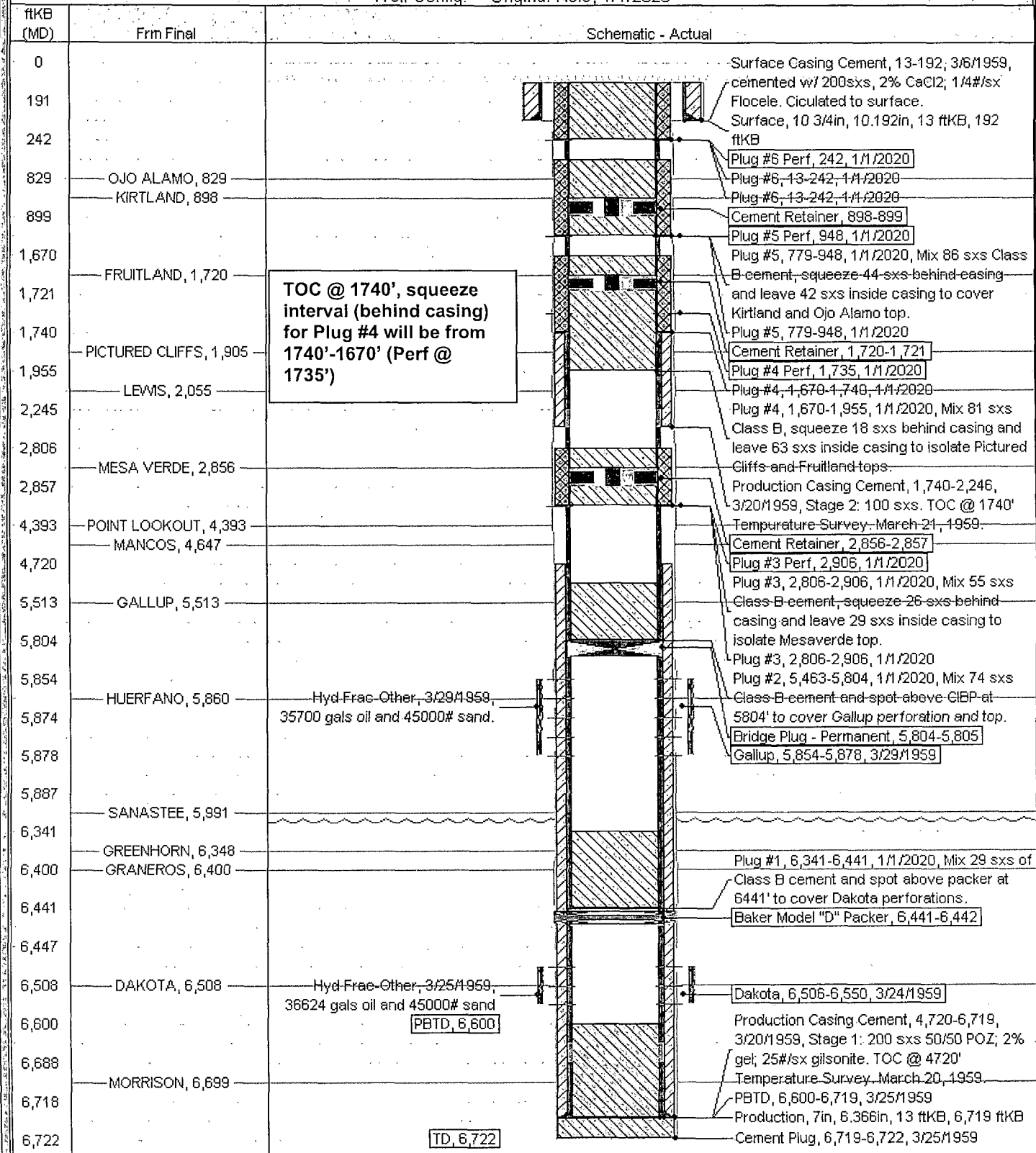
# Proposed Schematic

ConocoPhillips

Well Name: FRONTIER B #2

API/UNW	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3004506750	NMPM,009-027N-011W	BASIN DAKOTA (PERFORATED GAS)		NEW MEXICO		
Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Grind Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)		
6,160.00	6,172.00	12.00				

Well Config: - Original Hole, 1/1/2020



**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: 2 Frontier B

**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 1955' – 1556' inside and outside the 7" 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.