

**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 E (SWNW), 2310' FNL & 790' FWL, Section 4, 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 3

9. API Well No.
30-045-06861

10. Field and Pool
Kutz Gallup/Basin Dakota

11. County and State
San Juan, 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 checked="" type="checkbox"/> Abandonment	<input 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 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 3/18/11

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title _____ Date MAR 22 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.

NMCCD

Expense – P&A

February 16, 2011

Frontier B 3 (GP/DK)

Kutz Gallup/Basin Dakota
2310' FNL & 790' FWL, Spot E, Section 04 -T 027N - R 011W
San Juan County, New Mexico / API 3004506861
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 ☒, Unknown ☐.
Tubing: Yes ☒, No ☐, Unknown ☐ Size 2-3/8 (dual), Length 5957' and 6367'.
Packer: Yes ☒, No ☐, Unknown ☐ Type Baker Model D @ 6360'.
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.
4. PU on Gallup tubing at 5957'. TOH and LD Gallup tubing. PU on Dakota tubing and sting out of packer. Sting into packer and pressure test tubing to 1000 PSI. TOH with packer.
5. **Plug #1 (Dakota Perforations: 6474' – 6374')**: RIH and set CIBP at 6474' 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: 5806' – 5471')**: RIH and set 7" CIBP at 5806'. Pressure test casing to 800#. *If casing does not test, then spot or tag subsequent plugs as appropriate.* Mix 73 sxs Class B cement and spot above CIBP at 5806' to cover Gallup perforation and top. TOH and LD tubing.
7. **Plug #3 (Mesaverde Top: 2917' - 2817')**: Perforate 3 holes at 2917'. Establish rate into squeeze holes. RIH and set 7" CR at 2867'. 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.
8. **Plug #4 (Pictured Cliffs and Fruitland Tops: 1989' – 1589')**: ~~RIH and set 7" CR at 1787'. Mix 66 sxs Class B,~~ spot on balanced plug inside casing to isolate Pictured Cliffs and Fruitland tops. TOH and LD tubing.
9. **Plug #5 (Kirtland and Ojo Alamo Tops: 948' – 765')**: Perforate 3 holes at 948'. Establish rate into squeeze holes. RIH and set 7" CR at 898'. Mix 91 sxs Class B cement, squeeze 47 sxs behind casing and leave 44 sxs inside casing to cover Kirtland ad Ojo Alamo top. TOH and LD tubing.
10. **Plug #6 (10-3/4" casing shoe to surface: 226' – surface)**: Perforate 3 squeeze holes at 226'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix 101 sxs Class B cement, squeeze 58 sxs behind casing and leave 43 sxs inside casing. POH.

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.

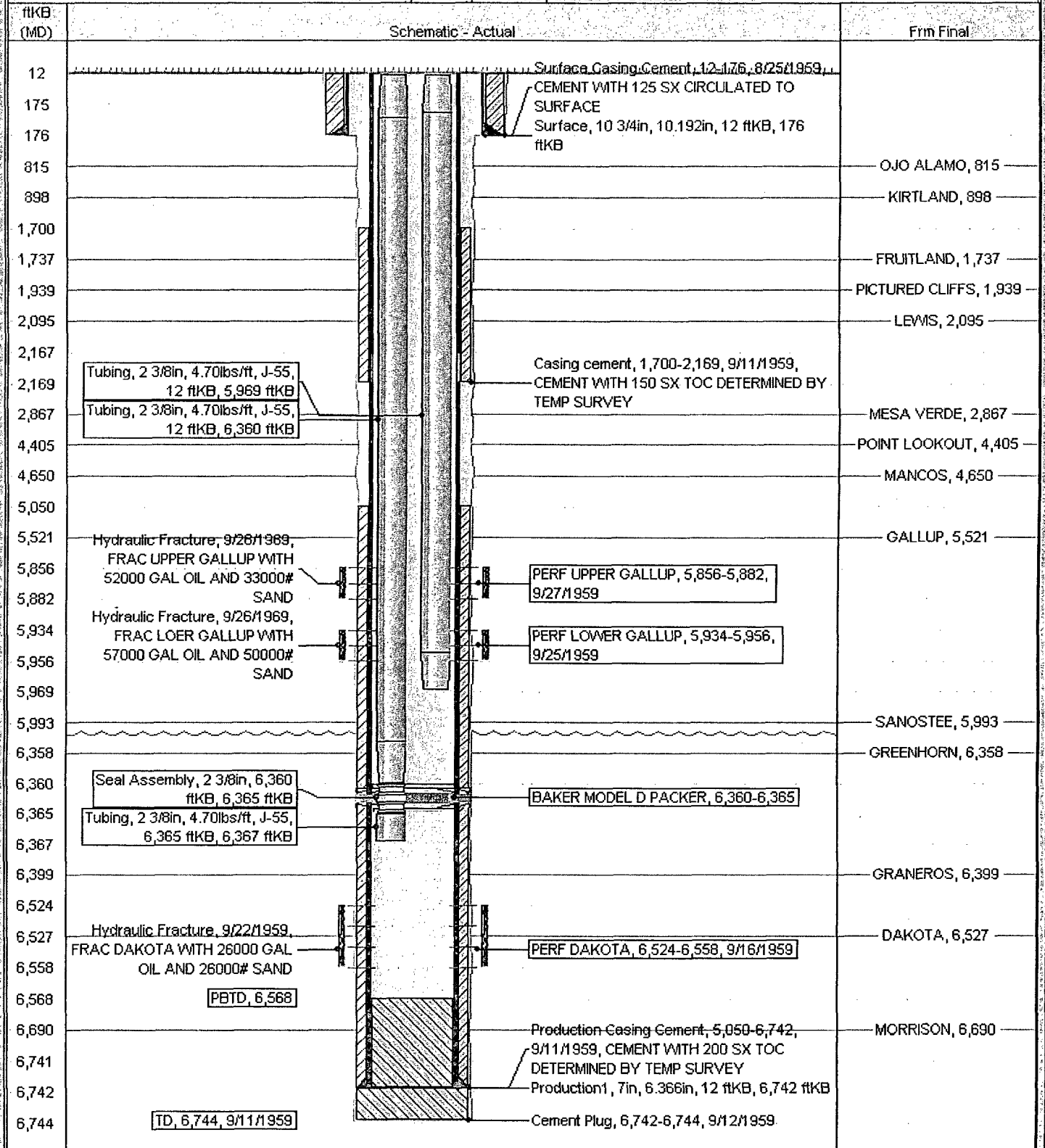
Current Schematic

ConocoPhillips

Well Name: FRONTIER B#3

API/UNW	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3004506861	NMPM,004-027N-011W	BASIN/DKOTA (DESIGNATED 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)		
6,130.00	6,142.00	12.00				

Well Config: - Original Hole, 3/3/2011 8:23:27 AM



Proposed Schematic

ConocoPhillips

Well Name: FRONTIER B #3

API/UNII	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3004506861	NMPM 004-027N-011W	FRONTIER B (PROPOSED CASE)		NEW MEXICO		
Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Crotch Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)		
6,130.00	6,142.00	12.00				

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

ftKB (MD)	Schematic - Actual	From Final
12	Surface Casing Cement, 12-176, 8/25/1959,	
175	CEMENT WITH 125 SX CIRCULATED TO	
176	SURFACE	
226	Surface, 10 3/4in, 10.192in, 12 ftKB, 176	
765	ftKB	
815	Plug #6, 12-226, 1/1/2020, 43 sxs Class B	OJO ALAMO, 815
895	cement	
898	Plug #6 Squeeze, 12-226, 1/1/2020, 58 sxs	KIRTLAND, 898
948	Class B cement	
1,687	Plug #6 Perf, 226, 1/1/2020	
1,700	Cement Retainer, 895-898	
1,737	Plug #5, 765-948, 1/1/2020, 44 sxs Class B	FRUITLAND, 1,737
1,784	cement	
1,787	Plug #5 Squeeze, 765-948, 1/1/2020, 47 sxs	
1,939	Class B cement	
1,989	Plug #5 Perf, 948, 1/1/2020	PICTURED CLIFFS, 1,939
2,095	Cement Retainer, 1,784-1,787	
2,167	Plug #4, 1,687-1,989, 1/1/2020, 66 sxs Class	LEWIS, 2,095
2,169	B cement	
2,817	Casing cement, 1,700-2,169, 9/11/1959,	
2,864	CEMENT WITH 150 SX TOC DETERMINED BY	
2,867	TEMP SURVEY	
2,917	Cement Retainer, 2,864-2,867	MESA VERDE, 2,867
4,405	Plug #3 Squeeze, 2,817-2,917, 1/1/2020, 26	
4,650	sxs Class B cement	POINT LOOKOUT, 4,405
5,050	Plug #3, 2,817-2,917, 1/1/2020, 29 sxs Class	MANCOS, 4,650
5,471	B cement	
5,521	Plug #3 Perf, 2,917, 1/1/2020	
5,803	Bridge Plug - Permanent, 5,803-5,806	GALLUP, 5,521
5,806	Plug #2, 5,471-5,806, 1/1/2020, 73 sxs Class	
5,856	B cement	
5,882	PERF UPPER GALLUP, 5,856-5,882,	
5,934	9/27/1959	
5,956	PERF LOWER GALLUP, 5,934-5,956,	
5,969	9/25/1959	
5,993		SANOSTEE, 5,993
6,358		GREENHORN, 6,358
6,360		
6,365		
6,367		
6,374		
6,399		GRANEROS, 6,399
6,471	Bridge Plug - Permanent, 6,471-6,474	
6,474	Plug #1, 6,374-6,474, 1/1/2020, 29 sxs Class	
6,524	B cement	
6,527	PERF DAKOTA, 6,524-6,558, 9/16/1959	DAKOTA, 6,527
6,558		
6,568	Production Casing Cement, 5,050-6,742,	
6,690	9/11/1959, CEMENT WITH 200 SX TOC	MORRISON, 6,690
6,741	DETERMINED BY TEMP SURVEY	
6,742	Production 1, 7in, 6.366in, 12 ftKB, 6,742 ftKB	
6,744	Cement Plug, 6,742-6,744, 9/12/1959	
	TD, 6,744, 9/11/1959	

**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: 3 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) Bring the top of the Pictured Cliffs/Fruitland plug to 1589'.

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.