

1. Type of Well
GAS

2. Name of Operator

**BURLINGTON
RESOURCES**

OIL & GAS COMPANY

3. Address & Phone No. of Operator

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

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

1635' FNL, 1550' FEL, Sec.31, T-29-N, R-10-W, NMPM

5. Lease Number

NMNM0702

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Wilson #2

9. API Well No.
30-045-23730

10. Field and Pool
Aztec Fruitland/
Otero Chacra

11. 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 Back

☐ Casing Repair

☐ Altering Casing

☒ Other - bradenhead repair & commingle

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

It is intended to repair the bradenhead and commingle the subject well according to the attached procedure and wellbore diagram.

CTP0223252893

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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

Signed Reggie Call Title Regulatory Supervisor Date 10/8/02
TLW

(This space for Federal or State Office use)

APPROVED BY /s/ Jim Lovato Title _____ Date OCT 18 2002

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

Wilson #2

Fruitland / Chacra

1635' FNL & 1550' FEL

Unit G, Sec. 31, T29N, R10W

Latitude / Longitude: 36° 41.11' / -107° 55.31'

San Juan County, New Mexico

AIN: 3216401 CH / 3216402 FR

9/25/2002 Bradenhead Repair Procedure / Commingle**Summary/Recommendation:**

The Wilson #2 was drilled and completed as a Fruitland / Chacra dual producer in 1980. A bradenhead test performed 03/28/2002 showed flow from the bradenhead. The Aztec NMOCD office has demanded remedial action be completed by 10/20/2002. The Operations Engineer recommends a CIBP be set over the Fruitland formation, the cause of bradenhead pressure be identified, corrected and place the well back on production.

1. Comply with all BLM, and BROG regulations. Conduct daily safety meetings for all personnel on location. Notify BROG Regulatory (Peggy Cole 326-9727) and the appropriate Regulatory Agency prior to pumping any cement job. If an unplanned cement job is required, approval is required before the job can be pumped. If verbal approval is obtained, document the approval in DIMS. Allow as much time as possible prior to pump time in case the Agency decides to witness the cement job.
2. Prior to moving rig on, broach tbg and set tbg plug in F-nipple at 2728' on the Chacra string. To ensure the tbg plug is held in place, fill tbg with half of volume with 2% KCL. MOL and RU workover rig. Obtain and record all wellhead pressures. NU relief line. Blow well down and kill with 2% KCl water if necessary. ND WH and NU BOP with stripping head. Test and record operation of BOP rams. Have wellhead and valves serviced as necessary. Test secondary seal and replace/install as necessary.
3. Release 4-1/2" Baker Lokset Packer set at (2723') by pulling in tension and rotating to the right. If packer will not come free, then cut the Chacra 2-1/16", 3.25#, J-55 tubing above the packer and fish with overshot and jars. TOO H with Chacra 2-1/16", 3.25#, J-55 tubing (set at 2733'). Visually inspect tubing for corrosion and replace any bad joints. Check tubing for scale build up and notify Operations Engineer and Drilling Manager.
4. RU wireline unit. RIH with 4-1/2" CIBP on 2-1/16" workstring. Set CIBP at 1481' (top perf is @ 1531'). TOO H. Fill casing with 2% KCl water. Run GR-CBL to 200' above TOC. Send log into office for evaluation. Pressure test casing to 500 psi. Bleed off pressure. If pressure test fails, isolate leak with packer. Contact Drilling Manager and Operations Engineer for squeeze design.
5. Follow squeeze procedure as recommended from step 4. TIH with 4-1/2" fullbore packer and set 150' above perforations. RD wireline unit. Pressure up casing/tubing annulus to 500 psig. Establish rate into perforations with bradenhead valve open. (Max pressure 1000 psig).
6. Mix and pump cement. Displace cement to packer. Close bradenhead valve and squeeze cement into perforations. Maintain squeeze pressure and WOC 12 hours (overnight). TOO H and LD packer. TIH with 3-7/8" bit and drill out cement. Pressure test casing to 500 psig. Test bradenhead valve for flow. Re-squeeze as necessary to hold pressure, or to stop bradenhead flow.
7. TIH with 3-7/8" bit and mill on 2-3/8" tubing to CIBP. Mill out CIBP with air/mist and chase plug to bottom. Clean out to PBD (3011') with air/mist. TOO H. NOTE: When using air/mist, minimum mist rate is 12 bph. Try to maintain air rate at 1,400 cfm..
8. TIH w/ 2-1/16", 3.25#, J-55 production string with an expendable check on bottom, seating nipple, then 1/2 of the 2-1/16" tubing. Run a broach on sandline to insure the tubing is clear. TIH with remaining 2-1/16" tubing and then broach this tubing. Land tubing at approximately 2780'. Note: the well will be commingled.
9. ND BOP and NU WH. Pump off expendable check. Obtain final pitot gauge up the tubing. Connect to casing and circulate air to assure that the expendable check has pumped off. If well will not flow on its own, make swab run to seating nipple. During cleanout operations the reservoir may be charged with air. As a result of excess oxygen levels

that may be in the reservoir and/or wellbore, contact the Lease Operator to discuss the need for determining oxygen levels prior to returning the well to production. RD and MOL. Return well to production.

Recommended: *Jay Paul McWilliams* 10/1/02
Operations Engineer

Approved: *Bruce D. Bony* 10-2-02
Drilling Superintendent

Jay Paul McWilliams: Office: 324-6146
Cell: 320-2586

Sundry Required: *YES* *NO*

Approved: *Peggy Cole* 10-2-02
Regulatory

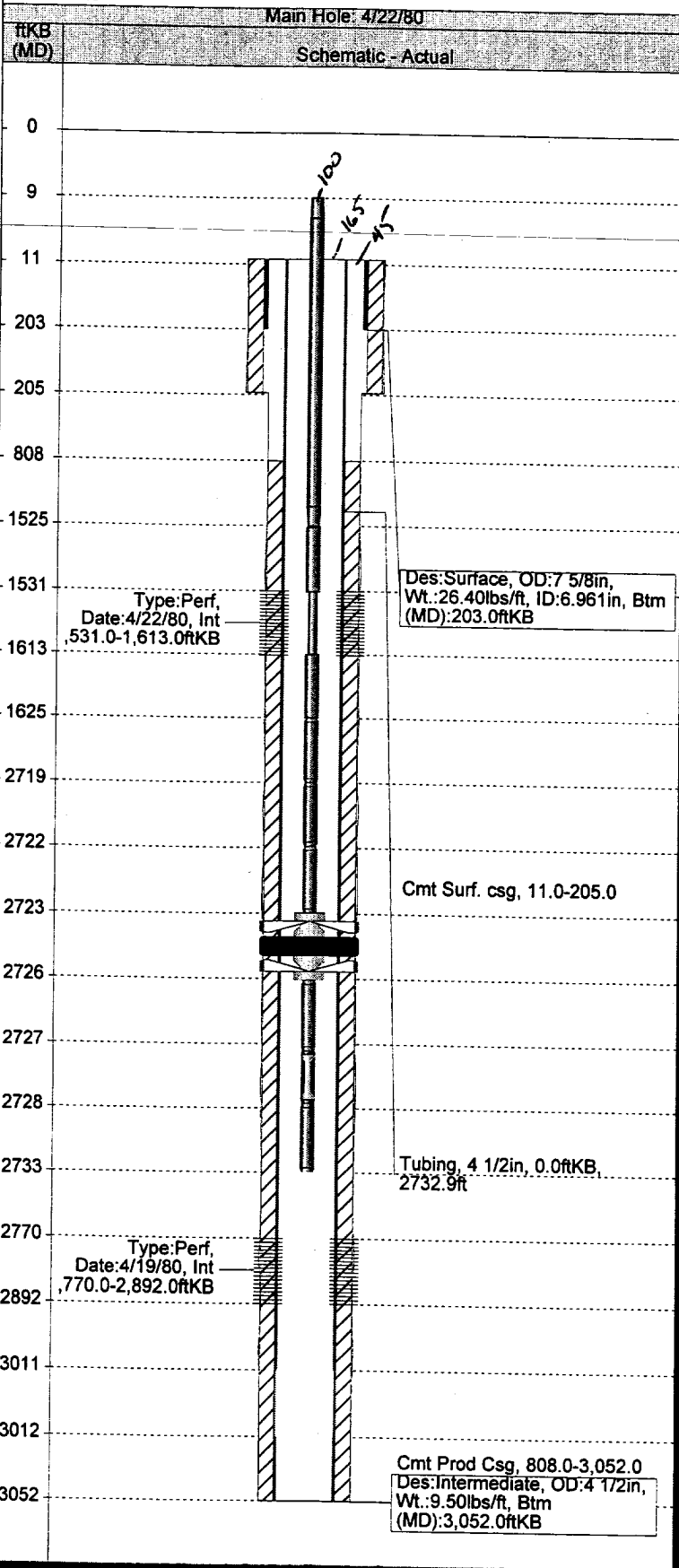
Production Foreman	Steve Florez	326-9560 (Office)	326-8199 (Pager)
Specialist:	Terry Nelson	320-2503 (Cell)	326-8473 (Pager)
Lease Operator:	Dave Castillo	486-3331 (Cell)	324-2389 (Pager)

JPM/plh

WILSON 2 WellView - Schematic

Asset ID Number	3216400	API Number	3004523730	Operator	BURLINGTON RESOURCES O&G CO LP	County	SAN JUAN	State	NM
KB Elev (ft)	0.00	Ground Elev (ft)	0.00	Plug Back	Total Depth (ftKB)	3,011.0	RigKB-Ground Distance (ft)	0.00	
Spud Date	2/27/80	Location	Sect: 031, Twp: 029N, Rg: 010W, Poly: G, NMPM	NS Dist. (ft)	1550.0	NS Flag	FEL	EW Dist. (ft)	1635.0
				EW Flag	FNL	Lat/Long Datum		Latitude (DMS)	36° 41' 6.756" N

Schematic



Group List

Formations: PITS					
Name			Top (ftKB)		
Ojo Alamo			745.0		
Fruitland Coal			1,525.0		
Pictured Cliffs			1,782.0		
Chacra			2,366.0		
Wellbore: Main Hole					
Sz (in)	Top (ftKB)		Btm (ftKB)		
9 7/8	11.0		205.0		
6 3/4	205.0		3,052.0		
Casing Strings: Surface, 203.0					
Item Desc	OD (in)	Wt (lbs/ft)	ID (in)	Top (ftKB)	Len (ft)
Casing	7 5/8	26.40	6.961	11.0	192.00
Casing Strings: Intermediate, 3,052.0					
Item Desc	OD (in)	Wt (lbs/ft)	ID (in)	Top (ftKB)	Len (ft)
Casing	4 1/2	9.50	4.094	11.0	3000.00
Float Collar	4 1/2			3,011.0	1.50
Casing	4 1/2	9.50	4.094	3,012.5	39.50
Surface, casing, <na> Cement Stage					
Des	Comment				Top (ftKB)
Cmt Surf. csg	85 sx class B with 1/4# floccale/sx & 3% CaCl2. Cmt circ.				11.0
Intermediate, casing, <na> Cement Stage					
Des	Comment				Top (ftKB)
Cmt Prod Csg	150 sx 65/35/6 w/1/4# celloflake/sx. Followed by 200 sx 50/50 pozmix w/1/4# Celloflake/sx. Cmt did not circ.				808.0
Tubing Strings: Tubing set at 2,732.9 on <na> Tubing Components					
Item Desc	OD (in)	Wt (lbs/ft)	Grade	Len (ft)	Cum Len (ft)
KB	2 1/16			9.00	9.00
Tubing	2 1/16	3.25	C-75	1516.30	1525.30
Blast Joint	2 1/16			100.00	1625.30
Tubing	2 1/16	3.25	C-75	1093.00	2718.30
Tubing sub	2 1/16			4.00	2722.30
Crossover	2 1/16			0.75	2723.05
Baker Lokset Packer	4 1/2			3.30	2726.35
Crossover	2 1/16			0.75	2727.10
F Nipple	2 1/16			0.80	2727.90
Tubing	2 1/16	3.25	C-75	5.00	2732.90
Perforations: At 1,531.0-1,613.0 on 4/22/80 00:00					
Zone	Top (ftKB)	Bottom (ftKB)	Comment		
Fruitland	1,531.0	1,613.0	1531', 33', 35', 59', 62', 65', 67', 75', 79', 83', 95', 98', 1604', 07', 13' (15 shots)		
Perforations: At 2,770.0-2,892.0 on 4/19/80 00:00					
Zone	Top (ftKB)	Bottom (ftKB)	Comment		
Chacra	2,770.0	2,892.0	2770', 72', 74', 76', 78', 80', 2867', 69', 71', 73', 75', 77', 90', 91', 92' (15 shots)		
Date and Time					
3/87 - Attempt to release loc-set. Would turn but not release. Pumped 15 bbl 2% KCl down tbg. Pulled pipe out of 25' fill. Hole in 49th ft over perfs @ 1531'-1613' 13 bad jts, 9 below perfs were corroded on tool jLanded tbg.					

Conditions of Approval:

Notice of Intent: Down hole commingle

Burlington Resources
Wilson # 2
1635 FNL & 1550 FEL
Sec 31, T29N, R10W

- 1) Due to the Aztec Fruitland and Otero Chacra not being on the approval list.
You will have to submit an application to DHC these intervals.