



**Koch Exploration Company, LLC**

**Well name:** WRD Fee A-29-2N-96W  
**Legal:** NENE, Section 29, T2N, R96W  
**Location:** Rio Blanco County, Colorado  
**API:** 05-103-09466-00

**Well Details**

**Surface Hole:**

**Casing:** 9-5/8" 36# at 2,077'

**Hole size:** 12-1/4"

**TOC:** Surface

**Production Hole:**

**Casing:** 5-1/2" 17# at 7,330'

**Hole size:** 7-7/8"

**TOC:** 5,334' (CBL)

**Perforations:** 6,398'–6,459'; 6,676'–6,984'; 7,028'–7,156' (Williams Fork Coal)

**PBTD:** 7,272'

**TD:** 7,330'

**Tubing:** 2 3/8" 4.7# @ 6,090' (Cut on 1-7-13)

**History:**

1. 7-10-12: Attempt to release tubing anchor, work for 10 hours with no movement.
2. 7-11-12: Jar and work tubing for 10 hours with no success.
3. 1-7-13: Attempt to work anchor free, no success. Free point, cut off @ 6,090', leaving 20' stub.

**Procedure:**

1. Conduct pre-job safety meeting
2. Prior to MIRU, check rig anchors and blow down well if necessary
3. Dig out around wellhead and check surface annulus for pressure
4. MIRU P&A equipment, ND wellhead, NU BOP
5. PU 2-3/8" work string
6. TIH with bit and scraper to top of stub. TOOH
7. RU wireline. RIH and set CIBP @ 6,080. Spot 2 sxs of cement on top of CIBP. POOH
8. Pressure test 5-1/2" casing to 400#. If casing tests, proceed to #9. If casing does not hold, trip in with tools to find leaks. Work with COGCC on final plugging procedure after leak depths are delineated
9. RIH and perforate @ 2,127 and 3,810. POOH
10. TIH with CICR and set at 3,800. Pump 100 sx (15.6# cement @ 1.18 ft<sup>3</sup>/sx) into squeeze holes to cover the Ohio Creek. Sting out of CR and spot 2 sx on top of same.
10. PU and circ clean. POOH
11. TIH with CICR and set at 2,120' and attempt to pump into holes. If unable to pump into squeeze holes, sting out of CR and spot 12 sx (100' plug) on top of same. If circulates, bring cement to surface behind the 5-1/2", sting out of CR and place 12 sks (100 ft.) on top of same. TOOH
12. Cut wellhead off
13. TIH to +/-500'. Pump +/-12 bbls (15.6# Class G) to fill 5 1/2". Run 1" as deep as possible in 9 5/8" and pump a top job
14. Weld Cap on with ID plate. Get GPS ready and backfill. Clean location
15. RDMO

16. Work with land owner on reclamation.

### Wellbore Diagram

Well Completion Diagram						
API Well No: 05-103-09466-00-						
Owner:	BROWN INC* TOM			Well Name:	FEE	
County:	RIO BLANCO	Field:	WHITE RIVER	Pool:		
Coordinates: X	1000 FEL	; Y	700 FNL	Sec:	29	Twp: 2N Rng: 96W

Note: Changes to the drawing do not effect the database

