



## **Bull Fork Unit #3**

### **PLUG AND ABANDON**

**API #: 05-045-06939-0000**

**Sec. 19 – 4S – 97W**

**Garfield County, Colorado**

**March 21, 2012**

**WELL DATA:****Wellname:** Bull Fork Unit #3**Location:** Sec. 19-4S-97W  
Garfield County, CO**AFE#:** TBD      **API #:** 05-045-06939-0000**TD:** 5,849'      **PBTD:** 5,842'**Elevations:** KB – 7,444' (16' AGL)      GL – 7,428'**Casing:****Surface:** 8-5/8", 24#, J55 csg set @ 2,361'  
Cemented to surface w/ 1,370 sx**Production:** 5-1/2", 15.5#, J55 set @ 5,842'  
Cemented w/ 650 sx  
TOC @ 5,430' (CBL)**Tubing:** 2-3/8", 4.7#, J-55 landed at 5,654'**Perfs:** Stage #1      5,670' – 5,672'  
5,739' – 5,741'**Tbg/Csg Data:**

Pipe	ID	Drift	Collapse (100%)	Burst (100%)	Joint Yield (1000 lbs)	bbl/ft
8 5/8", 24#, J-55	8.097	7.972	1,370	2,950	244	0.0637
5 1/2", 15.5#, J-55	4.95	4.825	4,040	4,810	217	0.0238
2 3/8", 4.7#, J-55	1.995	1.901	8,100	7,700	72	0.0039
5 1/2" csg x 8 5/8", 24#						0.0343

## **OBJECTIVE:**

The Bull Fork Unit #3 was drilled and completed by Gungoll Exploration in 1995. The well IP'd at 400 Mcfd and had cumulative production of 132 MMcf when it was SI in 2003. The well is no longer capable to producing in paying quantities. It is recommended to plug and abandon at this time.

## **SAFETY:**

Safety meetings are to be held with all service company personnel prior to each job. Wellsite supervisor must notify contractors as to known hazards of which the contractors may be unaware. Well site supervisor must ensure that all workers are aware of their responsibilities and duties under the EH&S guidelines. All safety meetings will be recorded on the Encana daily completion reports in Well Core.

## **REGULATIONS:**

All verbal notifications and approval from government regulatory agencies will be recorded on the EnCana daily report. The name of the individual contacted and the subject matter of approval or notification will be recorded.

## **CONTACTS:**

Workover Coordinator:	Mitch Steinke	303-918-3844
Production Engineer:	Mills Bale	720-876-3225
Production Group Lead:	Jerry Dietz	720-876-5075

**Scan and email all cement tickets to [mills.bale@encana.com](mailto:mills.bale@encana.com) and [Judith.walter@encana.com](mailto:Judith.walter@encana.com).**

## **PROCEDURE:**

1. **Notify COGCC (Mike Longworth 970-243-1183 or 970-812-7644 cell) and BLM (Betty Lau 970-878-3814 or Bud Thompson 970-878-3828) at least 48hrs prior to commencement of operations.**
2. Hold a pre-job safety meeting. Discuss all aspects of the procedure with any involved personnel. Identify and address any safety concerns before the job begins.
3. MIRU WOR. Blow well down and kill as needed with produced water. ND tree, NU BOPs. TOO H w/ 2-3/8" tbg. Scope tbg and replace bad joints as needed.
4. PU CIBP for 5-1/2" 15.5# csg. TIH and set plug @ 5,600'. Circulate in 9.0 ppg plugging mud to fill and displace water in wellbore. Mix and pump 10 sx Class G cement. Spot cement plug on top of CIBP. TOO H and TD 2-3/8" tbg. RDMO WOR.
5. MIRU Wireline. RIH w/ CIBP for 5-1/2" 15.5# csg and set @ 2,420'. RIH and perforate squeeze holes at 2,411'.
6. MIRU cement pump. Establish circulation around csg to surface. Mix and pump 35 sx cement and displace w/ 55 bbls 9.0 ppg plugging mud. WOC cement 4 hrs. RIH and tag TOC at 2,311'. Dump bail cement as needed if cement plug fell.
7. RIH and perforate squeeze holes at 100'. Establish circulation around csg to surface. Mix and pump 35 sx cement. Displace as needed to circulate cement back to surface. WOC 4 hrs. Top out with cement as needed.
9. Dig out around well head and cut off casing strings 4' below planned reclaim grade.
8. Seal the surface csg by welding on a 1/4" thick steel plate inscribed with the well name and location. Cut a weep hole in the plate.

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**KB:** 7,444' (16' AGL)

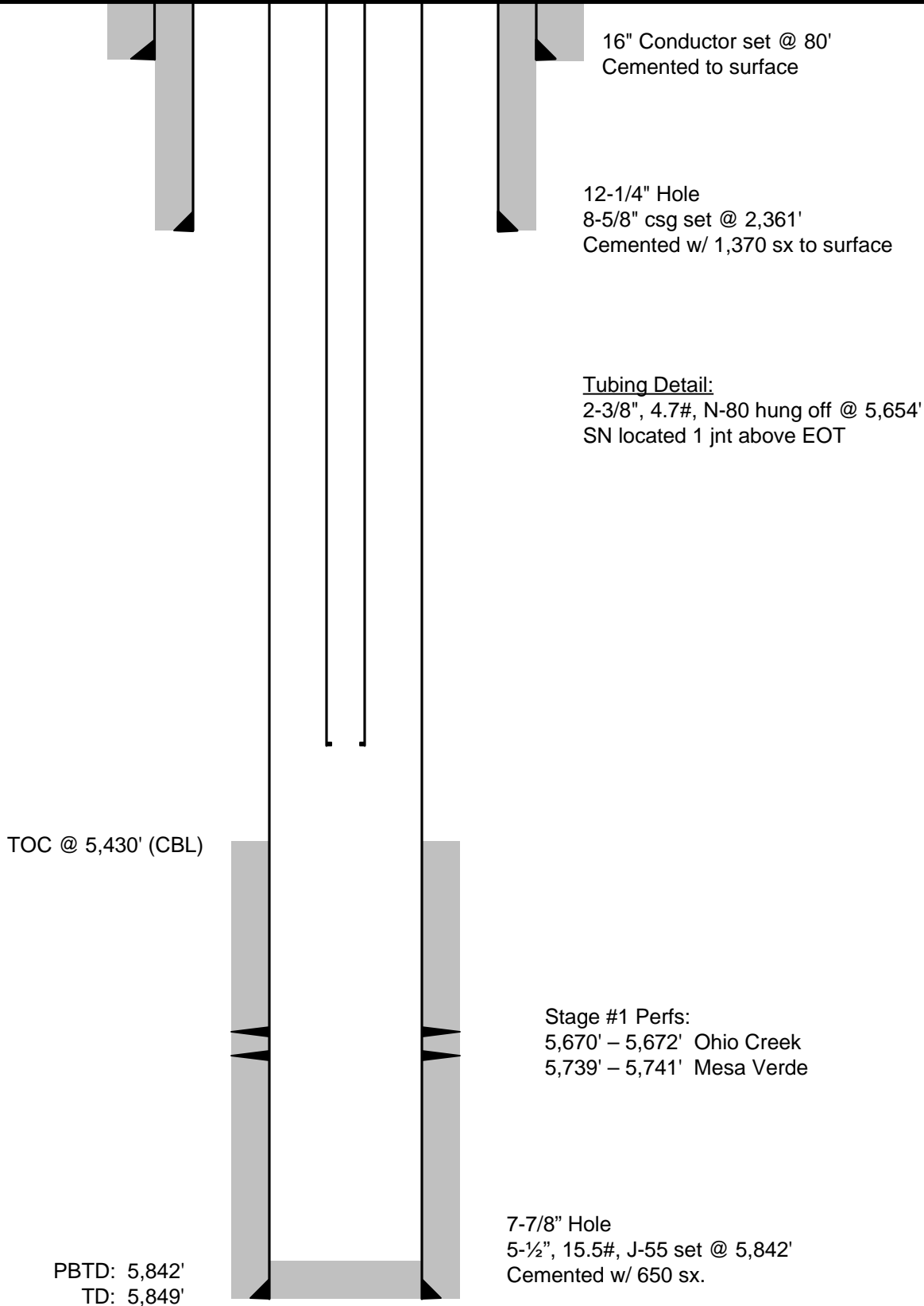
**GL:** 7,428'

**County/St:** Garfield, CO

**Created By:** M. Bale

**Date:** 3/21/2012

**Current Wellbore**



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### Proposed Wellbore

