



## **RANCHERO 32-34**

P&A

January 24, 2014

Engineer: Nicholas Ronan  
Workover Coordinator: Butch Till  
Production Group Lead: Andrew Berhost  
DJ Team Lead: Eric Root

Attachments:

Attachment 1 – Current Wellbore Diagram  
Attachment 2 – Proposed Wellbore Diagram

**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 Wellview.

**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.

**Reason for Work**

ECA McConahay Pad.

**Additional COAs**

**Objective:**

Pull tubing, set CIBP above Codell perms and cement, set CIBP above Niobrara perms and cement, set CIBP below surface shoe and shoot squeeze holes, circulate cement to surface.

**Procedure:**

1. 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.
2. MIRU pulling unit. Kill well with produced water.
3. ND wellhead, NU BOP.
4. POOH with tubing.
5. RU E-line.
6. RIH and set CIBP #1 @ 7450'. Ensure the CIBP is set in the middle of the joint of casing.
7. Dump bail 8 sxs of Class G Neat cement on top of the CIBP (100' of cement).
8. RIH and set CIBP #2 @ 7220'. Ensure the CIBP is set in the middle of the joint of casing.
9. Dump bail 8 sxs of Class G Neat cement on top of the CIBP (100' of cement).
10. RIH and set CIBP #3 @ 1050' (50' below surface shoe). Ensure the CIBP is set in the middle of the joint of casing.
11. RIH with wireline and shoot four squeeze holes at 1040'. POOH and ensure all shots were fired.
12. Establish injection through squeeze holes.
13. Pump 250 sxs of Class G Neat cement (10% excess) down 4.5" casing while taking returns up 8-5/8" x 4-1/2" annulus. Leave an additional 8 sxs of Class G Neat cement on top of CIBP.
14. WOC for 4 hours and tag plug. If the production casing cement plug top is at least 100' above the CIBP #3 (set @ 1050'), then move up hole and set a 100' surface cement plug in the casing with 8 sxs Class G Neat cement.
15. WOC and top off casing and annulus with cement as necessary.
16. ND BOP, RDMO pulling unit.
17. Cut off casing 4' below ground level.
18. Weld on metal plate and dry hole marker.
19. Restore surface location.
20. Ensure all cement tickets are mailed or emailed to the Denver office for subsequent reporting.

**Attachment #1 – Current Wellbore Diagram**

**Well** Ranchero #32-34  
**Operator** Encana Oil & Gas (USA) Inc.  
**Location** SW NE Section 34-T2N-R66W  
**County** Weld  
**State** Colorado  
**Field** Wattenberg  
**API Number** 05-123-15070-0000  
**Footages** 1930' FNL, 2040' FEL

Spud: 7/2/1991  
 TD: 7/8/1991  
 Completion: 6/6/1992

Fox Hills Base 959'

**Formation Tops**

Sussex 4743'  
 Niobrara 7190'  
 Ft. Hays 7480'  
 Codell 7501'

Cmt from 3710'-  
 4980' CBL 8-5-  
 1991

TOC 6670'  
 CBL 8-5-1991

**Tubing**

2 3/8" tubing set at 7497'  
 (4/26/10)

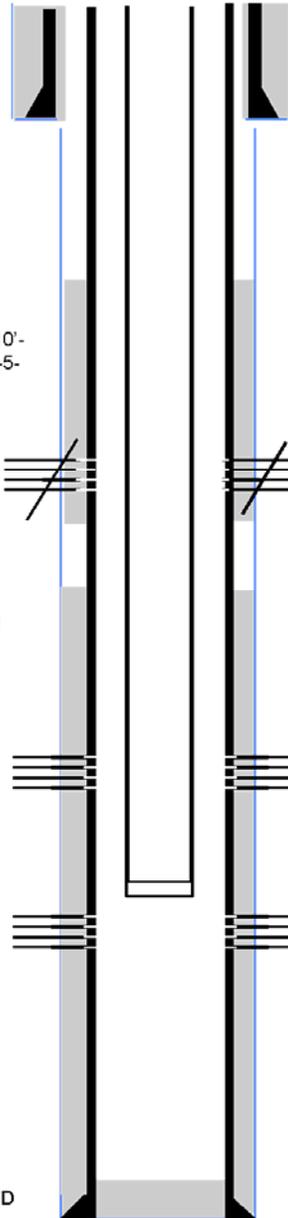
**Production Casing**

4 1/2", 11.6# casing set at 7642'  
 Cemented with 900 sxs.

**Main Hole**

7-7/8" to TD

7643' — TD



**Surface Hole**  
 12 1/4"

**Surface Casing Cement**

8 5/8", 24# casing set at 996'.  
 Cemented with 700 sxs.  
 Cement circulated to surface

**Sussex Perf**

4743-78', 70 holes  
 Frac'd with 260,000 # sand  
 and 104,412 gals fluid

Squeezed Sussex Perfs w/  
 150 xs Class G cmt. Drilled  
 out cmt from 4510 to 4790.  
 (3/29/10)

**Niobrara Perfs:**

7274-7294', 4 spf, 80 holes  
 Frac'd with 250,280# sand and  
 135,828 gals fluid (4/17/10)

**Codell Perfs:**

7501-18', 2 spf, 34 holes  
 Frac'd with 251,250# sand and  
 80,250 gals fluid

Refrac Codell 7501-7518  
 w/250,380 # sand and 118,776  
 gal frac fluid (4/10/10)

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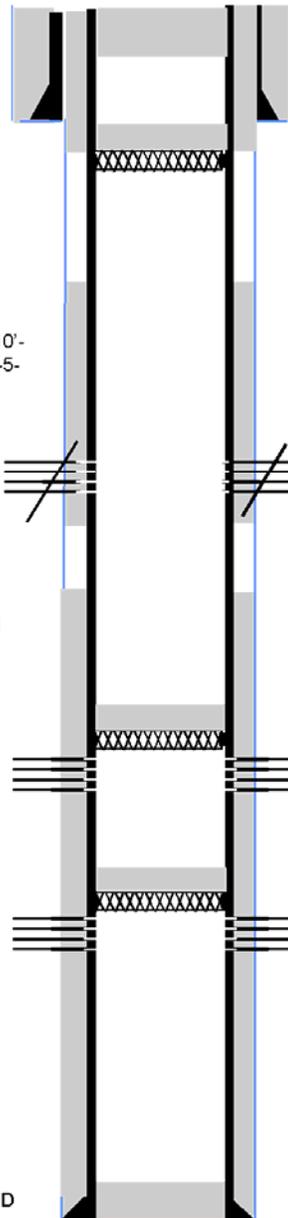
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