



Sprague22-9J

P&A

April 8, 2014

Engineer:	Chris Gardner
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 Sprague Pad

Additional COAs

Objective:

Set CIBP above perms and cement. Set CIBP below DV tool and cement. Set CIBP below surface shoe and shoot squeeze holes, circulate cement to surface.

Procedure:

1. Submit COGCC Form 42 48 hours prior to MIRU.
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 pulling unit. NU BOP.
4. Pull production tools and tubing.
5. RIH and set CIBP #1 @ 7880' (50' above top J sand perforation). Ensure that CIBP is set in the middle of the joint of casing.
6. Dump bail 8 sxs of Class G Neat cement on top of CIBP (100' of cement).
7. RIH and set CIBP #2 @ 5291' (50' below DV tool). Ensure that CIBP is set in the middle of the joint of casing.
8. Dump bail 8 sxs of Class G Neat cement on top of CIBP (100' of cement).
9. RIH and set CIBP #3 @ 593' (50' below surface shoe). Ensure that CIBP is set in the middle of the joint of casing.
10. RIH with wireline and shoot four squeeze holes at 583'. POOH and ensure all shots were fired.
11. Establish injection through squeeze holes.
12. Pump 215 sxs of Class G Neat cement (15% excess) down 4.5" casing while taking returns up 8-5/8" x 4-1/2" annulus.
13. WOC for 4 hours and tag plug. If cement top is greater than 140' top off casing and annulus with cement as necessary.
14. ND BOP, RDMO pulling unit.
15. Cut off casing 4' below ground level.
16. Weld on metal plate and dry hole marker.
17. Properly abandon flowlines per Rule 1103. File electronic Form 42 once abandonment is complete.
18. Restore surface location.
19. Ensure all cement tickets are mailed or emailed to the Denver office for subsequent reporting.

Attachment #1 – Current Wellbore Diagram

EnCana Oil & Gas (USA) Inc.			
Well	: Sprague 22-9J		
Field	: Wattenberg		
County	: Weld County	State	: Colorado
Surface	: 1981' FNL, 1959' FWL SENW Sec 9 T2N R67W		
API #	: 05-123-20582		
Grd Elev	: GR 4956'	KB Elevation:	4968' KB

Log Tops:

Fox Hills Base	423'
Sussex	4542'
Niobrara	7230'
J Sand	7929'

Surface Casing
8-5/8" Surface Casing set
@ 543', cmt'd w/382 sx

Production Casing
4-1/2" production casing set @
8100'. Cmt w/ 482 sx
TOC 6970' (CBL)

Stage Tool @ 5241'
TOC: 4250' (CBL)

Well History:

Spud: 10/25/2001
TD: 11/2/2001

J Sand Perfs
7930' - 7984'
3 spf
255,000 bbls SLF, 500,000# 20/40 sand

TD 8100'

Drawn by: Chris Gardner	Date: 04/07/2014			
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Attachment #2 – Proposed Wellbore Diagram

EnCana Oil & Gas (USA) Inc.	*Proposed*												
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<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Log Tops:</u></p> <table style="width: 100%; border-collapse: collapse;"> <tr><td>Fox Hills Base</td><td style="text-align: right;">423'</td></tr> <tr><td>Sussex</td><td style="text-align: right;">4542'</td></tr> <tr><td>Niobrara</td><td style="text-align: right;">7230'</td></tr> <tr><td>J Sand</td><td style="text-align: right;">7929'</td></tr> </table> <p>Surface Casing 8-5/8" Surface Casing set @ 543', cmt'd w/382 sx</p> <p>Production Casing 4-1/2" production casing set @ 8100'. Cmt w/ 482 sx TOC 6970' (CBL)</p> <p>Stage Tool @ 5241' TOC: 4250' (CBL)</p> <p>CIBP#2 Set @ 5291' (50' below stage tool) dump 8 sxs Class G neat cmt (100')</p> <p>CIBP#1 Set @ 7880' (50' above top perf) dump 8 sxs Class G neat cmt (100')</p> </div> <div style="width: 35%; text-align: center;"> </div> <div style="width: 30%;"> <p>Well History:</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td>Spud:</td><td style="text-align: right;">10/25/2001</td></tr> <tr><td>TD:</td><td style="text-align: right;">11/2/2001</td></tr> </table> <p>CIBP#3 Set @ 593' (50' below surface shoe) Squeeze holes @ 583' Cement to surface</p> <p>J Sand Perfs 7930' - 7984' 3 spf 255,000 bbls SLF, 500,000# 20/40 sand</p> <p style="text-align: center;">TD 8100'</p> </div> </div>		Fox Hills Base	423'	Sussex	4542'	Niobrara	7230'	J Sand	7929'	Spud:	10/25/2001	TD:	11/2/2001
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