



SUNDRY NOTICE

Submit original plus one copy. This form is to be used for general, technical and environmental sundry information. For proposed or completed operations, describe in full on Technical Information Page (Page 2 of this form.) Identify well or other facility by API Number or by OGCC Facility ID. Operator shall send an informational copy of all sundry notices for wells located in High Density Areas to the Local Government Designee (Rule 603b.)

RECEIVED

APR 10 2012

COGCC/Rifle Office

Complete the Attachment
Checklist

OP OGCC

1. OGCC Operator Number: 100185	4. Contact Name: Julia M. Carter
2. Name of Operator: EnCana Oil & Gas (USA) Inc.	Phone: 720.876.5240
3. Address: 370 17th Street Suite 1700	Fax: 720.876.6240
City: Denver State: CO Zip: 80202	
5. API Number 05-045-11293	OGCC Facility ID Number
6. Well/Facility Name: Story Gulch Unit	7. Well/Facility Number: 8506B F26 496
8. Location (Qtr/Qtr, Sec, Twp, Rng, Meridian): SENW Sec 26 T4S-R96W, 6th PM	Survey Plat
9. County: Garfield	Directional Survey
10. Field Name: Wildcat	Surface Eqpm Diagram
11. Federal, Indian or State Lease Number: COC64814	Technical Info Page X
	Other

General Notice

<input type="checkbox"/> CHANGE OF LOCATION: Attach New Survey Plat	(a change of surface qtr/qtr is substantive and requires a new permit)
Change of Surface Footage from Exterior Section Lines:	<input type="checkbox"/> FNL/FSL <input type="checkbox"/> FEL/FWL
Change of Surface Footage to Exterior Section Lines:	<input type="checkbox"/> <input type="checkbox"/>
Change of Bottomhole Footage from Exterior Section Lines:	<input type="checkbox"/> <input type="checkbox"/>
Change of Bottomhole Footage to Exterior Section Lines:	<input type="checkbox"/> <input type="checkbox"/> attach directional survey
Bottomhole location Qtr/Qtr, Sec, Twp, Rng, Mer	
Latitude	Distance to nearest property line
Longitude	Distance to nearest bldg, public rd, utility or RR
Ground Elevation	Distance to nearest lease line
	Is location in a High Density Area (rule 603b)? Yes/No NO
	Surface owner consultation date: NA

GPS DATA:

Date of Measurement PDOP Reading Instrument Operator's Name

<input type="checkbox"/> CHANGE SPACING UNIT	<input type="checkbox"/> Remove from surface bond
Formation Formation Code Spacing order number Unit Acreage Unit configuration	Signed surface use agreement attached

<input type="checkbox"/> CHANGE OF OPERATOR (prior to drilling):	<input type="checkbox"/> CHANGE WELL NAME	NUMBER
Effective Date:	From:	
Plugging Bond: <input type="checkbox"/> Blanket <input type="checkbox"/> Individual	To:	
	Effective Date:	

<input type="checkbox"/> ABANDONED LOCATION:	<input type="checkbox"/> NOTICE OF CONTINUED SHUT IN STATUS
Was location ever built? <input type="checkbox"/> Yes <input type="checkbox"/> No	Date well shut in or temporarily abandoned:
Is site ready for inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No	Has Production Equipment been removed from site? <input type="checkbox"/> Yes <input type="checkbox"/> No
Date Ready for Inspection:	MIT required if shut in longer than two years. Date of last MIT

<input type="checkbox"/> SPUD DATE:	<input type="checkbox"/> REQUEST FOR CONFIDENTIAL STATUS (6 mos from date casing set)
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<input type="checkbox"/> SUBSEQUENT REPORT OF STAGE, SQUEEZE OR REMEDIAL CEMENT WORK	*submit cbl and cement job summaries
Method used Cementing tool setting/perf depth Cement volume Cement top Cement bottom Date	

<input type="checkbox"/> RECLAMATION: Attach technical page describing final reclamation procedures per Rule 1004.	
Final reclamation will commence on approximately	<input type="checkbox"/> Final reclamation is completed and site is ready for inspection.

Technical Engineering/Environmental Notice

<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Report of Work Done
Approximate Start Date:	Date Work Completed:

Details of work must be described in full on Technical Information Page (Page 2 must be submitted.)

<input type="checkbox"/> Intent to Recomplete (submit form 2)	<input type="checkbox"/> Request to Vent or Flare	<input type="checkbox"/> E&P Waste Disposal
<input type="checkbox"/> Change Drilling Plans	<input type="checkbox"/> Repair Well	<input type="checkbox"/> Beneficial Reuse of E&P Waste
<input type="checkbox"/> Gross Interval Changed?	<input type="checkbox"/> Rule 502 variance requested	<input type="checkbox"/> Status Update/Change of Remediation Plans
<input type="checkbox"/> Casing/Cementing Program Change	<input checked="" type="checkbox"/> Other: Change to procedure	for Spills and Releases

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct and complete.

Signed: Julia M. Carter Date: 4/10/12 Email: julia.carter@encana.com
Print Name: Julia M. Carter Title: Regulatory Analyst

COGCC Approved: [Signature] Title: NWAE Date: 4/12/12

CONDITIONS OF APPROVAL, IF ANY:

① comply w/ NW Colo. Notification Policy ② Garfield County Rulison - Field
Notice To Operators ③ Approval of this Form does NOT authorize Injection. Forms 31 & 33
must be approved ④ Before Stimulating well, capture a water sample from wasatch &
& Molina Fms & analyze for TDS, submit lab analysis to Denise Onyskiw @
COGCC. ⑤ If operator does step-rate-test submit results to D. Onyskiw, COGCC.
⑥ IF OPR uses INTERMITTENT TEST limit is 10% PAIS in 10 days.

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

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1. OGCC Operator Number:	100185	API Number:	05-045-11293
2. Name of Operator:	EnCana Oil & Gas (USA) Inc.		OGCC Facility ID #
3. Well/Facility Name:	Story Gulch Unit	Well/Facility Number:	8506B F26 496
4. Location (QtrQtr, Sec, Twp, Rng, Meridian):	SENW Sec 26 T4S-R96W, 6th PM		

This form is to be completed whenever a Sundry Notice is submitted requiring detailed report of work to be performed or completed. This form shall be transmitted within 30 days of work completed as a "subsequent" report and must accompany Form 4, page 1.

5.

DESCRIBE PROPOSED OR COMPLETED OPERATIONS

Please note the following changes to the workover procedure to convert this well to an injection well:

1.) The previous wellbore showed Williams Fork perf interval to be 8596'-11339'. The actual Williams Fork perf interval is 8380'-11339'. Our plug depths have been adjusted to accommodate. The attached wellbore diagram reflects these depths.

2.) The previous procedure called for a CIBP to be set 50' above the top perf. This has been modified to a RBP. The RBP setting depth will be 8330'. We will place 200' sand on top of the RBP and 50' cement on top of the sand.

EnCana Oil & Gas (USA) Inc.

SGU 8506B F26 496
API: 05045112930000

Prepared By: D. Pake Younger
Office: 970-285-2780
Cell: 970-260-2423
Email: pake.younger@encana.com



Injection Well Workover Procedure

1. MIRU Workover Rig
2. ND Wellhead, NU BOP, Pressure Test BOP
3. Kill well by pumping produced water if necessary
4. Unland and pull 2-3/8" tubing with GL mandrels. LD tubing, RDMO Workover Rig.
5. RU wireline unit. RIH set 4-1/2" 10K RBP @ 8330'
6. Place 200' Sand on top of RBP. Place 50' Cement on top of Sand.
7. NU 4-1/2" 10K Frac Valve. Pressure test CIBP and wellbore to 6500 psi & chart. (If press test fails call Engineer).
8. Run Baker Microvert Log (Encana Maintenance Program).
9. RU Wireline and Frac crew, Perf and frac Wasatch injection zones (Stage 01-04) as per design. See Appendix A for Frac Procedure. RD Frac and Wireline.
10. Perform Step-Rate Test (SRT) with Bottom-hole gauges. See Appendix B for Step Rate Test Procedure.
11. Set RBP @ 6238' (100' above top perf of Stage 04)
12. Perf and Perform small injection into Wasatch G as per design (top four perfs of Stage 06: 5783' – 5743').
13. Flowtest Wasatch G. Install tubing if necessary. Based on Flowtest, determination will be made whether or not to squeeze Wasatch G. Once flowtest is completed, pull tubing if necessary.

14. Squeeze Wasatch G (if necessary). Procedure TBD.
 15. RU Braided line unit, RIH with braided line to retrieve RBP between Wasatch and Wasatch G. POOH with RBP.
 16. RU Wireline, Perforate Stage 05, and remainder of Stage 06. RD Wireline.
 17. MIRU Service rig. RIH with 2-7/8" FJ coated tubing and Nickel-coated packer, and one joint of tubing below. Set packer at 5690' (above Wasatch G).
 18. Perform Injectivity test with final injection assembly installed. Injectivity Test Procedure TBD based on Frac Gradient.
 19. MIT backside to 2500 psi (possibly greater, depending on Final injection pressure).
 20. Call state and notify of MIT. Perform MIT to 2500 psi. Chart test and have state representative on location for witness.
-

Appendix A: Frac Procedure:

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EnCana Oil & Gas (USA) Inc. N. Piceance Operations

SGU 8506B F26 496 Perforation Sheet_Convert to WDW

AFE #: 205045112930000

Production Casing: 12728' of 4.5" - 11.66" - P-110 - LT&C

TOC: 3,880'

DV Tool: 5,357'

Casing ID: 4.00 in.

W/L PBTD: 12,634 ft

encana

natural gas

Completion Notes:

1. Max Pressure: 8500 PSI / Max Rate: 75 BPM

2. Perforations: 120PHZ @ 42" EHD @ 3.5PF @ 11/8" Bottom Gun RF Sale

3. Note: DO NOT Set Bridge Plug Between each stage

4. Visually verify that gun has fully fired

5. Any changes to perf schedule or pump schedule (prior to pump time) Call Jeffrey Villalobos or Pake Younger

6. Max Angle is 2.5 deg. Reach is 24'. Max DLS 13.9 deg @ 100 ft @ 1859'. Review directional reports in Wellcore

... Jeffrey Villalobos (cell) 303 512 3375 or Pake Younger (cell) 970 260 2423

03/22/2012

Top of Stage	Bottom of Stage	Difference	Top Perf	Bottom Perf	Perforation	Total Holes	Net Pay Height (ft)	Prop Vol. (lbs)	Est. Water (bbls)
Stage 1	7544	7802	258	7601	7802	3 spl 3	N/A	0	20,000
			7781	7782	3 spl 3				
			7746	7747	3 spl 3		Total Holes	30	
			7877	7876	3 spl 3				
			7850	7851	3 spl 3				
			7826	7827	3 spl 3				
			7803	7804	3 spl 3				
			7585	7586	3 spl 3			NO PROP	
			7562	7563	3 spl 3				
			7544	7545	3 spl 3				
Wasatch									
Flush to top perf (bbls) =	117.3								
Rat Hole (ft) =	4832								
Stage 2	7018	7405	387	7404	7405	3 spl 3	N/A	0	20,000
			7351	7352	3 spl 3				
			7322	7323	3 spl 3		Total Holes	30	
			7303	7304	3 spl 3				
			7213	7214	3 spl 3				
			7134	7135	3 spl 3				
			7111	7112	3 spl 3				
			7078	7079	3 spl 3			NO PROP	
			7041	7042	3 spl 3			DROP 50 BID BALLS AT BEGINNING OF STAGE 2	
			7018	7019	3 spl 3				
Wasatch									
Flush to top perf =	109.1								
Stage 3	6689	6951	262	6950	6951	3 spl 3	N/A	0	20,000
			6929	6930	3 spl 3				
			6907	6908	3 spl 3		Total Holes	30	
			6893	6894	3 spl 3				
			6873	6874	3 spl 3				
			6858	6859	3 spl 3				
			6771	6772	3 spl 3			NO PROP	
			6758	6757	3 spl 3			DROP 50 BID BALLS AT BEGINNING OF STAGE 3	
			6738	6737	3 spl 3				
			6689	6690	3 spl 3				
Wasatch									
Flush to top perf =	104.0								
Stage 4	6338	6612	274	6611	6612	3 spl 3	N/A	0	20,000
			6587	6588	3 spl 3				
			6561	6562	3 spl 3		Total Holes	30	
			6534	6535	3 spl 3				
			6468	6469	3 spl 3				
			6448	6449	3 spl 3				
			6406	6407	3 spl 3			NO PROP	
			6393	6394	3 spl 3			DROP 50 BID BALLS AT BEGINNING OF STAGE 4	
			6367	6368	3 spl 3				
			6338	6339	3 spl 3				
Wasatch									
Flush to top perf =	98.5								
Do Not Perforate Stage 05 / 06 until after Wasatch G Flowtest									
Stage 5	6058	6317	261	6316	6317	3 spl 3	N/A	0	0
			6299	6300	3 spl 3				
			6280	6281	3 spl 3		Total Holes	30	
			6247	6248	3 spl 3				
			6202	6203	3 spl 3			NO FRAC ON THIS STAGE	
			6168	6169	3 spl 3				
			6140	6141	3 spl 3				
			6120	6121	3 spl 3				
			6074	6075	3 spl 3				
			6056	6057	3 spl 3				
Wasatch									
Flush to top perf =	94.1								
Stage 6	5743	5989	246	5988	5989	3 spl 3	N/A	0	0
			5960	5961	3 spl 3				
			5890	5891	3 spl 3		Total Holes	30	
			5880	5881	3 spl 3				
			5856	5857	3 spl 3			NO FRAC ON THIS STAGE	
			5810	5811	3 spl 3				
			5782	5783	3 spl 3				
			5771	5772	3 spl 3				
			5763	5764	3 spl 3			Wasatch G Perfs	
			5743	5744	3 spl 3				
Wasatch / Wasatch G									
Flush to top perf =	99.3								
Totals									
Top of Interval	5743						Net Sand Height (ft)	Prop (lbs)	Total Water (bbls)
Total Completion Interval	2059						N/A	0	80,000



Appendix B: Step-Rate Test (SRT) Procedure:

- 1. RU Slickline and Install downhole memory gauges (low resolution data gather – 1 data point per minute). Land gauges at 6238’ (Top of Stage 04).
- 2. RU Pump Crew (Cement Pump). Record surface pressure and pump rate.
- 3. Begin pumping at 4 bpm until hole is full. Record Volume to fill hole. Pump Schedule as follows:

Step #	Rate (bpm)	Duration (mins)	Volume (bbls)	Cum Volume (bbls)
1	6	30	180	180
2	8	30	240	420
3	10	30	300	720
4	12	30	360	1080

- 4. After Step 04, SD and record casing pressure at surface for four hours.
- 5. Retrieve downhole memory gauges, download and send data to pake.younger@encana.com for analysis.

Appendix C: Proposed Final Wellbore Schematic

GL: 8,238'
KB: 8250'
Updated: 1-31-12 DFY

SGU 85068 F26 J96
Encana Oil & Gas
Piceance Basin
Garfield County, CO
API 0504511293

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