



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.)

1. OGCC Operator Number: 100185	4. Contact Name: Heather Mitchell
2. Name of Operator: Encana Oil & Gas (USA), Inc.	Phone: 720-876-3070
3. Address: 370 17th Street, Suite 1700	Fax: 720-876-4070
City: Denver State: CO Zip: 80202	
5. API Number 05-045-14543	OGCC Facility ID Number
6. Well/Facility Name: N. Parachute	7. Well/Facility Number: CP05B-3 H04 596
8. Location (Qtr/Sec, Twp, Rng, Meridian): SENE Sec. 4, T5S R96W, 6th PM	
9. County: Garfield	10. Field Name: Grand Valley
11. Federal, Indian or State Lease Number:	

Survey Plat	
Directional Survey	
Surface Eqmpt Diagram	
Technical Info Page	X
Other	X

RECEIVED

FEB 15 2012

COGCC

Complete the Attachment
Checklist

OP OGCC

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:	<table border="1"><tr><td></td><td>FNUFSL</td><td></td><td>FELFWL</td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></table>		FNUFSL		FELFWL												
	FNUFSL		FELFWL														
Change of Surface Footage to Exterior Section Lines:																	
Change of Bottomhole Footage from Exterior Section Lines:																	
Change of Bottomhole Footage to Exterior Section Lines:																	
Bottomhole location 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																
	Distance to nearest well same formation																
	Surface owner consultation date:																
GPS DATA:																	
Date of Measurement PDOP Reading Instrument Operator's Name																	
<input checked="" 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																
Wasatch WTSC																	
<input type="checkbox"/> CHANGE OF OPERATOR (prior to drilling):	<input type="checkbox"/> CHANGE WELL NAME																
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)																
<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 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 checked="" type="checkbox"/> Intent to Recomplete (submit form 2)	<input type="checkbox"/> Request to Vent or Flare
<input type="checkbox"/> Change Drilling Plans	<input type="checkbox"/> Repair Well
<input type="checkbox"/> Gross Interval Changed?	<input type="checkbox"/> Rule 502 variance requested
<input type="checkbox"/> Casing/Cementing Program Change	<input checked="" type="checkbox"/> Other: Convert to Injection
	<input type="checkbox"/> E&P Waste Disposal
	<input type="checkbox"/> Beneficial Reuse of E&P Waste
	<input type="checkbox"/> Status Update/Change of Remediation Plans
	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: Heather R. Mitchell Date: 2.13.12 Email: heather.mitchell@encana.comPrint Name: Heather R. Mitchell Title: Regulatory AnalystCOGCC Approved: [Signature] Title: PE Date: 3.13.12

CONDITIONS OF APPROVAL, IF ANY:

See AttachmentApproved by [Signature]



CONDITIONS OF PERMIT APPROVAL

ENCANA
N. PARACHUTE 3 CP05B-3 H04 596
SENE 4 5S 96W, 6TH
05-045-14543

- 1) BEFORE STIMULATING WELL, CAPTURE WATER SAMPLE FROM THOSE FORMATION(S) REQUESTED FOR INJECTION AND ANALYZE FOR TOTAL DISSOLVED SOLIDS. SUBMIT LAB ANALYSIS TO DENISE ONYSKIW AT DENISE.ONYSKIW@STATE.CO.US.
- 2) INJECTION IS NOT AUTHORIZED UNTIL APPROVAL OF FORM 31 AND 33.
- 3) SUMIT STEP RATE TEST RESULTS TO DETERMINE FORMATION FRACTURE PRESSURE WITH FORMS 31 & 32
- 4) RUN A CBL ON THE 7" INTERMEDIATE CASING
- 5) SUBMIT UPDATED WELL SCHEMATICS DEPICTING THE GRAY COLORED CEMENT COLUMN OUTSIDE THE SURFACE CASING

GL: 8,270'
KB: 8287'
Updated: 1-27-12 TMG
Current

Spudded: 9/5/07
Stimulation Finished:

NPM CP05B-03 H04 596
ConocoPhillips
Piceance Basin
Garfield County, CO
API: 0504514543

0-6.8deg. inclination @ 0-1986'MD

TOC @ 1,819' (from CBL)

Sfc Csg: 9.625"x 8.921" 36# J-55
@ 2019'KB
14.750" bit @ 2030'KB

0-18.5 deg. Inclination @1986'-7364'MD

Wireline reported tight spot @ ~ 5,800' (05/07/0)

0-6.93 deg. Inclination @ 11,200'-TD

TOC @ 7,030' (from CBL)

Int. Csg: 7.0" x 6.366" 23# N-80
@ 7759'KB
8.75" bit @ 7870'KB

No perforations

Note:
Pressure test failed on 5/06/08
From 9,500 PSI to 1,000 PSI

PBTD: 11,020' (Wireline Tag 05/07/08)
CIBP: 11,170' (Dump Bail 22' Cmt on Top 05/04/08)

Marker jts: 38.47' @ 10352', 38.43' @ 8807', 38.47' @ 7:
38.43' @ 5261'
Prod. Csg: 4.5" x 3.92" 13.5# P-110 @ 11174'KB
6.125" bit @ 11200'KB
Float Shoe @ 11,174KB (Wet Shoe)

GL: 8,270'
KB: 8287'
Updated: 1-31-12 DPY
Proposed

TOC @ 1,819' (from CBL)

Spudded: 9/5/07
Stimulation Finished:

NPM CP05B-03 H04 596
ConocoPhillips
Piceance Basin
Garfield County, CO
API: 0504514543

Sfc Csg: 9.625" x 8.921" 36# J-55
@ 2019'KB
Cement to surface

Set 3-1/2" coated tubing
Permanent packer set at 5200'

Perforate injection Zone @ 5282' - 6880'

Set CIBP @ 6980'
Dump bail 2 sx cement

TOC @ 7,030' (from CBL)
Cut off 4-1/2" casing @ 7030'

Int. Csg: 7.0" x 6.366" 23# N-80
@ 7759'KB

No perforations

Note:
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From 9,500 PSI to 1,000 PSI

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Float Shoe @ 11,174KB (Wet Shoe)

EnCana Oil & Gas (USA) Inc.

CP05B-03 H04 596

API: 05045145430000

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

Injection Well Workover Procedure

1. MIRU Workover Rig
2. ND Wellhead, NU BOP on top of 7-1/16" 5k valve, Pressure Test BOP
3. RU wireline unit. Make chemical cut in 4-1/2" casing at 7030. POOH with chemical cutter.
4. RU casing crew, unland hanger and POOH and LD 4-1/2" casing. RD Casing crew and workover rig.
5. RIH with Wireline and set 7" 8K CIBP @ 6980'. Dump bail 2 sx cement on top of CIBP.
6. Pull CBL across 7" casing to verify cement top. Notify engineering of observed cement top. RD wireline unit.
7. Pressure test CIBP and wellbore to 5000 psi & chart. (If press test fails call Engineer)
8. RU Frac crew. Perf zone and frac injection zone as per design (5282' – 6880') (Molina and Wasatch G). RD Frac crew and wireline. RU workover rig.

9. RIH with 3-1/2" coated tubing injection string and 7" Nickel-coated packer, and one joint of tubing below. Set packer at 5200' (above Wasatch G). Land in hanger, ND 7-1/16" 5k valve.
10. MIT backside to 2500 psi (possibly greater, depending on injection pressure).
11. Call state and notify of MIT. Perform MIT to 2500 psi. Chart test and have state representative on location for witness.

Appendix A

Description	Flow Rate, bbl/min	Surface Pressure (psi)	Estimated Pipe Friction Loss (psi)	Total Estimated Pressure (psi)	Time (Hrs)	bbls/hr	Volume	Cumulative Volume Pumped
4 point test								
Step 1 (1 hour)	1	355	262	617	1	60	60	60
Step 2 (1 hour)	2	709	964	1,673	1	120	120	180
Step 3 (1 hour)	3	1,064	2,119	3,183	1	180	180	360
Step 4 (1 hour)	4	1,419	3,735	5,154	1	240	240	600
Long term injection (8 hours)	4	1,419	3,735	5,154	8	240	1,920	2,520

Barrels per Test:	2,520
Number of Tests:	2
Total Volume Required:	5,040
Add 10% Contingency:	5,544