



RECEIVED
MAY -9 07 2002-0067
Plugging Bond Surety ID#
COGCC

1. ☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate

2. TYPE OF WELL
OIL ☐ GAS ☒ COALBED ☐ OTHER: ☐
SINGLE ZONE ☐ MULTIPLE ZONES ☒ COMMINGLE ZONES ☒

Refilling ☐
Sidetrack ☐

3. Name of Operator EnCana Oil & Gas (USA) Inc.
4. COGCC Operator Number: 100185
5. Address: 370 17th Street, Suite 1700
City: Denver State: CO Zip: 80202
6. Contact Name: Melanie Holt Phone: 720-876-5013 Fax: 720-876-6013
7. Well Name: Vicklund Well Number: 42-2
8. Unit Name (if appl): Unit Number:
9. Proposed Total Measured Depth: 8336'

Attachment Checklist	OP	COGCC
APD Orig & 1 Copy	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Form 2A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Well location plat	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Topo map	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Mineral lease map	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Surface agrmt/Surety	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
30 Day notice letter	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Deviated Drilling Plan	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Exception Location Request	<input type="checkbox"/>	<input type="checkbox"/>
Exception Loc Waivers	<input type="checkbox"/>	<input type="checkbox"/>
H2S Contingency Plan	<input type="checkbox"/>	<input type="checkbox"/>
Federal Drilling Permit	<input type="checkbox"/>	<input type="checkbox"/>

10. QtrQtr: NWNE Sec: 2 Twp: 1N Rng: 69W Meridian: 6th P.M.
Latitude: 40.08457 Longitude: 105.07947
Footage At Surface: 1048' FNL/FSL FNL 1423' FEL/FWL FEL
11. Field Name: Wattenberg Field Number: 90750
12. Ground Elevation: 5045' 13. County: Boulder

14. GPS Data:
Date of Measurement: 03/21/2007 PDOP Reading: 0.161 Instrument Operator's Name: Tom Winans

15. If well is: ☒ Directional ☐ Horizontal (highly deviated), submit deviated drilling plan. Bottomhole Sec Twp Rng: SENE SEC 2 T1N-R69W
Footage At Top of Prod Zone: 1980' FNL/FSL FNL 660' FEL/FWL FEL At Bottom Hole: 1980' FNL/FSL FNL 660' FEL/FWL FEL

16. Is location in a high density area (Rule 603b)? ☐ Yes ☒ No
17. Distance to the nearest building, public road, above ground utility or railroad: 440'
18. Distance to Nearest Property Line: 160' 19. Distance to nearest well permitted/completed in the same formation: +/- 1193'

Objective Formation(s)	Formation Code	Spacing Order Number (s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)
Niobrara	NBRR	407	160	NE/4
Codell	CDL	407, 407-66	160	NE/4
J Sand	JSND	232	160	NE/4
Dakota	DKTA	499-15	160	NE/4

21. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian
22. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian
23. Is the Surface Owner also the Mineral Owner? ☒ Yes ☐ No
23a. If 23 is Yes: Is the Surface Owner(s) signature on the lease? ☒ Yes ☐ No
23b. If 23 is No: ☐ Surface Owners Agreement Attached or ☐ \$25,000 Blanket Surface Bond ☐ \$2,000 Surface Bond ☐ \$5,000 Surface Bond
24. Using standard QtrQtr, Sec, Twp, Rng format enter entire mineral lease description upon which this proposed wellsite is located (attach separate sheet/map if you prefer):
T1N-R69W SEC 2: W2NE, 3 AC TRACT ON EXTREME WEST SIDE OF NENE and T1N-R69W SEC 2: NENE, LESS 3 AC TRACT ON EXTREME WEST SIDE.
25. Distance to Nearest Mineral Lease Line: 79' 26. Total Acres in Lease: 83 AND 37-120

27. Is H2S anticipated? ☐ Yes ☒ No If Yes, attach contingency plan.
28. Will salt sections be encountered during drilling? ☐ Yes ☒ No
29. Will salt (>15,000 ppm TDS Cl) or oil based muds be used during drilling? ☐ Yes ☒ No
30. If questions 27 or 28 are yes, is this location in a sensitive area (Rule 903)? ☐ Yes ☒ No
31. Mud disposal: ☒ Offsite ☐ Onsite
Method: ☒ Land Farming ☐ Land Spreading ☐ Disposal Facility ☐ Other:
NOTE: The use of an earthen pit for Recompletion fluids requires a pit permit (Rule 905b.) If air/gas drilling, notify local fire officials.
32. BOP Equipment Type: ☒ Annular Preventor ☒ Double Ram ☒ Rotating Head ☐ None *CEMENT SHANNON**
33. Comments

34. Initial Rule 306 Consultation took place on (date) 02/19/2007, was waived, or is not required. Provide supporting documentation if consultation has been waived or if good faith effort did not result in consultation.
PERMIT SUBMITTED TO COGCC PRIOR TO COMPLIANCE WITH RULE 306 CONSULTATION SHALL BE RETURNED UNAPPROVED.
I hereby certify that a complete permit package has been sent to the applicable Local Government Designee(s), and all statements made in this form are, to the best of my knowledge, true, correct, and complete.
Signed: Melanie Holt Print Name: Melanie Holt
Title: Permitting Agent Date: 05/09/2007 Email: melanie.holt@encana.com

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved.
COGCC Approved: Ben J. Mack Director of COGCC Date: 07/11/07
Permit Number: 20072401 Expiration Date: 07/10/08
CONDITIONS OF APPROVAL, IF ANY:

API NUMBER
05-013-06554-00

1) Provide 24 hour notice of MRU to Ed Binkley at 970-506-9834 or e-mail at ed.binkley@state.co.us 2) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara. 3) Also provide cement coverage from 200' below Shannon to 200' above Shannon if completion is attempted in these formations. 4) Verify cement coverage with a cement bond log. 5) Run and submit Directional Survey from TD to base of surface casing.

LOCATION: NW1/4 OF NE1/4 OF SEC. 2, T.1N., R.69W. (1048 NSL, 1423 ESL) SB5OUT1.TXT

Ground Elevation: 5045

Number of Acres: 83



AQUIFER	ELEVATION		NET SAND	DEPTH TO		ANNUAL APPROP A-F	STATUS
	BOT.	TOP		BOT.	TOP		
UPPER DAWSON	----	----	----	----	----	----	----
LOWER DAWSON	----	----	----	----	----	----	----
DENVER	----	----	----	----	----	----	----
UPPER ARAPAHOE	----	----	----	----	----	----	----
LOWER ARAPAHOE	----	----	----	----	----	----	----
LARAMIE-FOX HILLS	----	----	----	----	----	----	----

note: E indicates location is at aquifer boundary and values may be more approximate.

Data for the LARAMIE FOX-HILLS may be missing or approximate and should be checked against DENVER BASIN ATLAS NO. 4

SURFACE CASING CHECK

Well Name VICKLUND 42-2

☒ New Drill ☐ Refiling ☐ Deepen ☐ Re-Enter ☐ Recomplete and Operate ☐ Plug and Abandon ☐ Casing Repair

SB5 Base of Fox Hills

Cheyenne Basin Map Base of Fox Hills

Fox Hills Protection Area 5% Rule .05(833)

Deepest Water Well w/in One Mile 330+50

Operator-Proposed Surface Casing Depth 900'

Actual Surface Casing Depth

Change Permit Surface Casing Depth from to

OK on ☐ this well's or ☒ offset well's induction log at 920

DB 5/14/07

**Colorado
Oil & Gas Conservation Commission**

COGCC Results

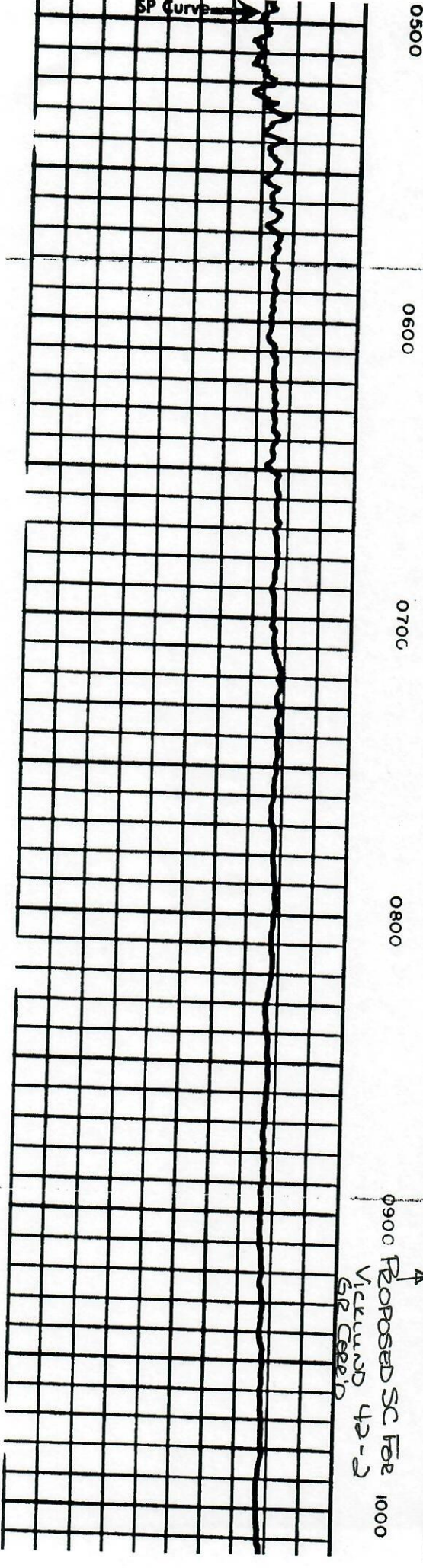
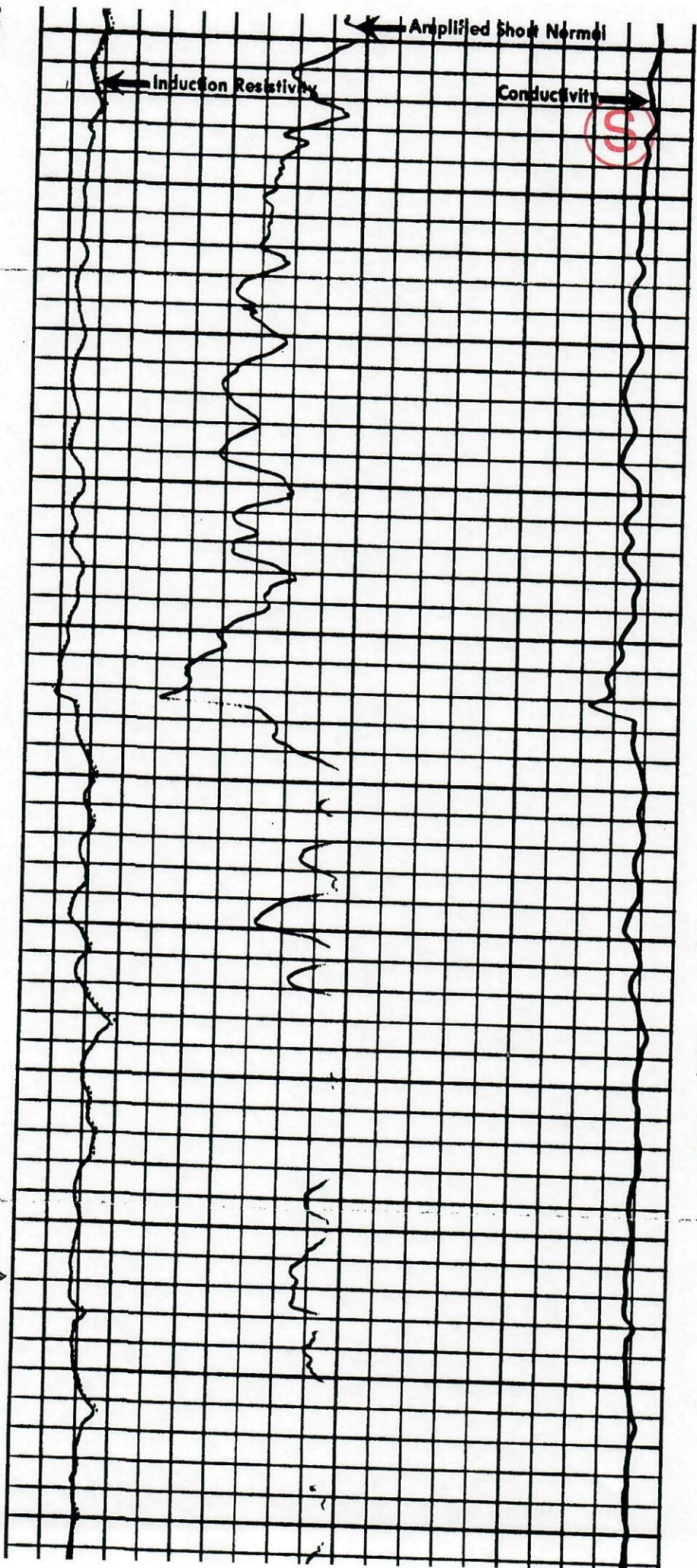
Selected Items Report

Oil and Gas Wells Selected				
Filter Results by Formation Include <input type="text" value="SNSD"/> <input type="button" value="Filter"/>				
WELL DESCRIPTION	LOCATION	WELL INFORMATION		
05-013-06017, THRONDSO 1 NOBLE ENERGY PRODUCTION INC	NENW 2 1N -69W (6)	Sidetrack TD	Formation	Status
		00	4980 SNSD	PR
05-013-06093, BECKY 3-36 NOBLE ENERGY PRODUCTION INC	SWSW 36 2N -69W (6)	Sidetrack TD	Formation	Status
		00	4956 SNSD	PR

Facilities Selected			
FACILITY DESCRIPTION	LOCATION	PIT INFORMATION	
		Type	Unlined Status

Water Wells Selected From Map				
Filter Results by Depth Greater than <input type="text" value="240"/> <input type="button" value="Filter"/>				
WELL DESCRIPTION	LOCATION	WELL INFORMATION		
		Depth	Top Perf	Bottom Perf
Receipt=9009042, Permit=0011185-- BROWN BOB	SWNW 1 1N-69W	250	0	0 GW
Receipt=9009043, Permit=0011186-- BROWN BOB	SWNW 1 1N-69W	248	0	0 GW
Receipt=9009164, Permit=0012733-- WENG KENNETH <i>4989</i>	SWNW 1 1N-69W	330	0	0 GW
Receipt=9009173, Permit=0012812-- BROWN S O	SWNW 1 1N-69W	265	0	0 GW
Receipt=9009240, Permit=0013459-- WAGNER MILTON	SWNW 1 1N-69W	245	0	0 GW

THRODSON No. 1 018-06017 NEW 2 IN 69W GR 5065



0900 PROPOSED SC FOR 1000
VICINITY 42-2
GR 5065

Well name and number:

Uicklund 42-2



Survey Plat Check list

number	Item	
	8-1/2" x 11" scaled drawing of the entire section	✓
1	Dimensions on adjacent exterior section lines sufficient to completely describe the quarter section containing the proposed well shall be indicated	✓
1a	If dimensions are not field measured, state how the dimensions were determined	✓
2	The latitude and longitude of the proposed well location shall be provided on the drawing with a minimum of five (5) decimal places of accuracy and precision using the North American Datum (NAD) of 1983 (e.g.; latitude 37.12345 N, longitude 104.45632 W). If GPS technology is utilized to determine the latitude and longitude, all GPS data shall meet the requirements set forth in Rule 215. a. through h.	✓
2a	PDOP value <7 if GPS used	✓
2b	5 decimal places of accuracy & precision	✓
2c	NAD 1983	✓
3	For directional drilling into an adjacent section, that section shall also be shown on the location plat and dimensions on exterior section lines sufficient to completely describe the quarter section containing the proposed productive interval and bottom hole location shall be indicated. (Additional requirements related to directional drilling are found in Rule 321.)	✓
4	For irregular, partial or truncated sections, dimensions will be furnished to completely describe the entire section containing the proposed well.	✓
5	The field-measured distances from the nearer north/south and nearer east/west section lines shall be measured at ninety (90) degrees from said section lines to the well location and referenced on the plat. For unsurveyed land grants and other areas where an official public land survey system does not exist, the well locations shall be spotted as footages on a protracted section plat using Global Positioning System (GPS) technology and reported as latitude and longitude in accordance with Rule 215.	✓
6	A map legend	✓
7	A North Arrow	✓
8	A scale expressed as an equivalent (e.g. 1" = 1000').	✓
9	A bar scale.	✓
10	The ground elevation.	✓
11	The basis of the elevation (how it was calculated or its source).	✓
12	The basis of bearing or interior angles used.	✓
13	Complete description of monuments and/or collateral evidence found; all aliquot corners used shall be described.	✓
14	The legal land description by section, township, range, principal meridian, baseline and county.	✓
15	Operator name	✓
16	Well name and number	✓
17	Date of completion of scaled drawing	✓
18	All visible improvements within two hundred (200) feet of a wellhead (or, in a high density area within four hundred (400) feet of a wellhead) shall be physically tied in and plotted on the well location plat or on an addendum, with a horizontal distance and approximate bearing from the well location.	✓
18a	Visible improvements shall include, but not be limited to, all buildings, publicly maintained roads and trails, major above ground utility lines, railroads, pipelines, mines, oil wells, gas wells, injection wells, water wells, visible plugged wells, sewers with manholes, standing bodies of water, and natural channels including permanent canals and ditches through which water flows.	✓
18b	If there are no visible improvements within two hundred (200) feet of a wellhead (or in a high density area within four hundred (400) feet of a wellhead), it shall be so noted on the Permit-to-Drill, Form 2.	✓
19	Surface use shall be described within the two hundred (200) foot radius of a wellhead (or in a high density area within the four hundred (400) foot radius of a wellhead).	✓

The survey plat you submitted with your permit was found to be in non-compliance with COGCC rule 303c. See above checklist. If a survey plat is not in compliance with rule 303c the operator will be notified and the permit will be placed on hold until an adequate replacement is supplied to the COGCC.