

IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.

21. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian Lease #: _____

22. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian

23. Is the Surface Owner also the Mineral Owner? ☒ Yes ☐ No Surface Surety ID#: 20090011

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 Bon ☐ \$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):
T2N-R68W SEC 33 SW4

25. Distance to Nearest Mineral Lease Line: 50 ft 26. Total Acres in Lease: 160

DRILLING PLANS AND PROCEDURES

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 28 or 29 are yes, is this location in a sensitive area (Rule 901.e)? ☐ 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.

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
SURF	12+1/4	8+5/8	24	0	850	370	850	0
1ST	7+7/8	4+1/2	11.6	0	8,554	280	8,554	7,467

32. BOP Equipment Type: ☒ Annular Preventer ☒ Double Ram ☐ Rotating Head ☐ None

33. Comments NO CONDUCTOR CASING WILL BE USED. Proposed unit configuration: SESW/SWSE 33-2N-68W:
NENW/NWNE 4-1N-68W

34. Location ID: 322858

35. Is this application in a Comprehensive Drilling Plan ? ☐ Yes ☐ No

36. Is this application part of submitted Oil and Gas Location Assessment ? ☒ Yes ☐ No

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

Signed: _____ Print Name: NICK G. CURRAN

Title: PERMITTING Date: 2/10/2011 Email: NICK.CURRAN@ENCANA.CO

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: David S. Neslin Director of COGCC Date: 3/11/2011

API NUMBER

05 123 33134 00

Permit Number: _____ Expiration Date: 3/10/2013

CONDITIONS OF APPROVAL, IF ANY:

All representations, stipulations and conditions of approval stated in the Form 2A for this location shall constitute representations, stipulations and conditions of approval for this Form 2 Permit-to-Drill and are enforceable to the same extent as all other representations, stipulations and conditions of approval stated in this Permit-to-Drill.

- 1) Provide 24 hour notice of MIRU to Jim Precup at 303-469-1902 or e-mail at james.precup@state.co.us
- 2) Comply with Rule 317.i and provide cement coverage from end of production casing to a minimum of 200' above Niobrara and from 200' below Sussex to 200' above Sussex. Verify coverage with cement bond log.
- 3) Comply with Rule 321. Run and submit Directional Survey from TD to base of surface casing. Ensure that the wellbore complies with setback requirements in commission orders or rules prior to producing the well.

-Operator must meet the water well testing requirements as per Rule 318A.e.(4)

Attachment Check List

Att Doc Num	Name
1633340	APD ORIGINAL
1633341	WELL LOCATION PLAT
1633342	TOPO MAP
1633343	MINERAL LEASE MAP
1633344	30 DAY NOTICE LETTER
1633345	DEVIATED DRILLING PLAN
1633346	EXCEPTION LOC REQUEST
1633347	WAIVERS
1633348	PROPOSED SPACING UNIT

Total Attach: 9 Files

General Comments

User Group	Comment	Comment Date
Permit	----Within the SW Governmental1/4 section, by mapping system, there are 4 Producing JSands, 4 Producing Codells, and 3 Producing Niobrara's. With the 4 applications submitted. 8 J, Cod:7 Niobrara. If all formations producing.	2/17/2011 9:12:30 AM
Permit	---Well is twinned from pending Oskarson 4-4-33 10' to east- Or existing Oskarson E Unit #1 50' south east. Planned-Within 800' window	2/17/2011 9:12:30 AM
Permit	-----Exception location request and offset surface owner (SMT Investors)waiver attached-wellhead closer than 150' to property line 603.a.2	2/17/2011 9:12:29 AM
Data Entry	LATITUDE & LONGITUDE COORDINATES INCORRECT. CORRECT RANGE TO 68W FOR SUBMISSION.	2/15/2011 12:43:09 PM

Total: 4 comment(s)

BMP

Type	Comment

Total: 0 comment(s)