

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):

T4N-R63W, 6th PM - Section 19: W/2, Section 29: S/2, Section 31: SE/4, Lot 1, E/2NW/4; T4N-R64W, 6th PM - Section 35: NW/4

25. Distance to Nearest Mineral Lease Line: 75 ft 26. Total Acres in Lease: 1109

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

If 28, 29, or 30 are "Yes" a pit permit may be required.

Method: Land Farming Land Spreading Disposal Facility Other: closed loop

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	530	500	530	0
1ST	7+7/8	4+1/2	10.5	0	7,261	525	7,261	0

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

33. Comments Conductor casing will not be used. Operator requests approval of the proposed spacing unit, per rule 318Ae, consisting of the N2SW and the S2NW of Section 29, T4N R63W. Proposed 160 acre spacing unit map and 20-day certificate are attached. Operator requests an exception location per rule 318Aa and rule 318Ac: well will not be drilled in a legal drilling window or twinned with an existing well. Waivers attached.

34. Location ID: 306717

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: Liz Lindow

Title: Permit Representative Date: 12/2/2011 Email: llindow@petd.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: David S. Neslin Director of COGCC Date: 1/20/2012

API NUMBER
05 123 34973 00

Permit Number: _____ Expiration Date: 1/19/2014

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 Mike Hickey at 970-302-1024 or e-mail Mike.Hickey@state.co.us.
- 2) Set at least 530' of surface casing, cement to surface.
- 3) Provide cement coverage from TD to a minimum of 200' above Niobrara. Verify coverage with cement bond log.
- 4) 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 water well sampling requirements per rule 318A.

Attachment Check List

Att Doc Num	Name
2330692	SURFACE CASING CHECK
400195505	FORM 2 SUBMITTED
400195506	WELL LOCATION PLAT
400195508	DEVIATED DRILLING PLAN
400195509	TOPO MAP
400228891	PROPOSED SPACING UNIT
400228892	EXCEPTION LOC WAIVERS
400228893	EXCEPTION LOC REQUEST

Total Attach: 8 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	No LGD or public comment received; final review completed.	12/29/2011 10:00:09 AM
Permit	Operator added location ID #. Form has passed completeness.	12/8/2011 7:04:47 AM
Permit	Returned to draft. Missing location ID #.	12/5/2011 7:29:05 AM

Total: 3 comment(s)

BMP

<u>Type</u>	<u>Comment</u>

Total: 0 comment(s)