

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#: _____

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):
Please see attached lease description.

25. Distance to Nearest Mineral Lease Line: _____ 0 ft 26. Total Acres in Lease: _____ 2263

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: Backfill and Cover

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
CONDUCTOR	20	16	42	0	60	50	60	0
SURF	13+1/2	9+5/8	36	0	1,590	830	1,590	0
1ST	8+3/4	7	23	0	8,193	865	8,193	0
1ST LINER	6	4+1/2	11.6	7443	12,182	295	12,182	7,443

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

33. Comments Spacing application has been filed.

34. Location ID: _____

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: Nanette Lupcho

Title: Regulatory Assistant Date: 12/29/2010 Email: Nanette_Lupcho@eogresource

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: 4/17/2011

API NUMBER 05 123 33342 00	Permit Number: _____	Expiration Date: <u>4/16/2013</u>
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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.

---PROPOSED HORIZONTAL WELL BORE IS TO BE DRILLED INTO UNLEASED FEDERAL MINERALS N/2 SEC 12- OPERATOR DISCUSSION WITH BLM REQUIRED: UNLEASED FEDERAL MINERALS CANNOT BE DRILLED UPON/PRODUCED REGARDLESS OF SPACING ORDER: REQUIRED SETBACKS TO BE MAINTAINED--- INTERAGENCY DISCUSSION PURSUANT TO MOU COGCC,BLM,USFS 6-24-09 H.2.d

- 1) Provide 24 hour notice of MIRU 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. 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.

Attachment Check List

Att Doc Num	Name
2111123	SURFACE CASING CHECK
400112393	FORM 2 SUBMITTED
400112462	TOPO MAP
400118077	PLAT
400118079	LEGAL/LEASE DESCRIPTION
400119044	DEVIATED DRILLING PLAN
400119045	DRILLING PLAN

Total Attach: 7 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	---Changed nearest lease line to 0 per lease description. Changed nearest wellbore to Tree Creek 2-01H Doc #400132102 to the NE-	3/15/2011 8:49:42 AM
Permit	-----These are unleased federal lands N/2 SEC 12 in the Pawnee Grasslands. The BLM needs consent to lease/recommendations from the Forest Service before the lands may be offered for lease.	3/15/2011 8:36:23 AM
Permit	-ON HOLD- WAITING ON COMMISSION REVIEW OF SPACING APPLICATION (APRIL HEARING)1104-SP-12. 303.k ---REVIEWED	1/5/2011 6:04:17 PM

Total: 3 comment(s)

BMP

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

Total: 0 comment(s)