

FORM

2

Rev
12/05

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

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Date Received:

06/17/2013

PluggingBond SuretyID

20030110

APPLICATION FOR PERMIT TO:

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

2. TYPE OF WELL

OIL ☒ GAS ☐ COALBED ☐ OTHER _____
 SINGLE ZONE ☒ MULTIPLE ☐ COMMINGLE ☐

Refiling ☐Sidetrack ☐

3. Name of Operator: WHITING OIL AND GAS CORPORATION

4. COGCC Operator Number: 96155

5. Address: 1700 BROADWAY STE 2300

City: DENVER State: CO Zip: 80290

6. Contact Name: Vallen Brock Phone: (303)837-1661 x Fax: ()

Email: vallen.brock@whiting.com

7. Well Name: Razor Well Number: 26K-3508B

8. Unit Name (if appl): Unit Number:

9. Proposed Total Measured Depth: 12457

WELL LOCATION INFORMATION

10. QtrQtr: NESW Sec: 26 Twp: 10N Rng: 58W Meridian: 6

Latitude: 40.808886 Longitude: -103.834286

Footage at Surface: 2374 feet FNL/FSL 2047 feet FEL/FWL
 FSL FWL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 4737 13. County: WELD

14. GPS Data:

Date of Measurement: 03/18/2013 PDOP Reading: 1.4 Instrument Operator's Name: Jerremy Harris

15. If well is ☐ Directional ☒ Horizontal (highly deviated) submit deviated drilling plan.

Footage at Top of Prod Zone: FNL/FSL FEL/FWL Bottom Hole: FNL/FSL FEL/FWL
 1609 FSL 2508 FWL 600 FSL 2475 FWL
 Sec: 26 Twp: 10N Rng: 58W Sec: 35 Twp: 10N Rng: 58W

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: 5280 ft

18. Distance to nearest property line: 2047 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 206 ft

20. LEASE, SPACING AND POOLING INFORMATION

Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)
NIOBRARA	NBRR	535-314	960	ALL 35, S/26

21. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian Lease #: _____22. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian23. 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 ☐ No23b. 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):

E/2W/2, S/2SE Section 26 T10N R58W

25. Distance to Nearest Mineral Lease Line: 0 ft

26. Total Acres in Lease: 240

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: See Form 2A

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	26	20		0	80		80	0
SURF	13+1/2	9+5/8	36	0	1500	719	1500	0
1ST	8+3/4	7	29	0	6100	426	6100	0
2ND	6	4+1/2	11.6	5225	12457			

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

33. Comments Surface Use Agreement on 2A

34. Location ID: 430308

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: Vallen Brock

Title: Permit Representative Date: 6/17/2013 Email: vallen.brock@whiting.com

Operator must have a valid water right or permit allowing for industrial use or purchased water from a seller that has a valid water right or permit allowing for industrial use, otherwise an application for a change in type of use is required under Colorado law. Operator must also use the water in the location set forth in the water right decree or well permit, otherwise an application for a change in place of use is required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

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: Matthew Lee Director of COGCC Date: 8/23/2013

API NUMBER

05 123 37876 00

Permit Number: _____ Expiration Date: 8/22/2015

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.

COA Type	Description
	1) Provide 48 hour notice prior to spud via electronic Form 42. 2) Provide cement coverage to a minimum of 200' above Niobrara. Verify coverage with cement bond log. 3) 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.

Applicable Policies and Notices to Operators

Notice Concerning Operating Requirements for Wildlife Protection.

Attachment Check List

Att Doc Num	Name
2234011	DEVIATED DRILLING PLAN
2234012	DRILLING PLAN
400429240	FORM 2 SUBMITTED
400433464	WELL LOCATION PLAT
400433829	TOPO MAP
400444989	DIRECTIONAL DATA

Total Attach: 6 Files

General Comments

User Group	Comment	Comment Date
Permit	Final Review Completed. No LGD or public comment received.	8/20/2013 12:02:39 PM
Permit	Horizontal wellbore crosses lease lines within drilling and spacing unit; distance to lease line is 0'; distance to unit boundary is 660'.	8/20/2013 12:02:38 PM
Permit	Per operator corrected distance to nearest wellbore, total measured depth, and 4 1/2" casing depth.	7/30/2013 12:49:12 PM
Permit	Per operator attached new directional template, deviated drilling plan, and drilling plan.	7/9/2013 10:46:53 AM
Engineer	No existing wells within 500' of proposed directional.	6/27/2013 2:31:51 PM
Permit	Corrected mud disposal information to match form 2A.	6/25/2013 11:06:45 AM
Permit	Requested corrected directional template. No initial review made.	6/25/2013 8:31:39 AM
Permit	This form has passed completeness.	6/18/2013 11:49:59 AM

Total: 8 comment(s)

Best Management Practices

No	BMP/COA Type	Description