

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:

400429229

Date Received:

06/17/2013

## 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

PluggingBond SuretyID

20030110

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-2305A

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

9. Proposed Total Measured Depth: 13342

## WELL LOCATION INFORMATION

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

Latitude: 40.809092 Longitude: -103.834525

Footage at Surface: 2448 feet FSL 1982 feet 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: Jeremy 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  
1912 FNL 1372 FWL 100 FNL 1485 FWL  
Sec: 26 Twp: 10N Rng: 58W Sec: 23 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: 1982 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 212 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 23, N/2 26

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 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 Section 26-T10N-R58W

25. Distance to Nearest Mineral Lease Line: 0 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

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	6200	433	6200	0
2ND	6	4+1/2	11.6	5136	13342			

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: Regulatory Analyst 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 37875 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.

<b>COA Type</b>	<b>Description</b>
	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**

<b>Att Doc Num</b>	<b>Name</b>
400429229	FORM 2 SUBMITTED
400433458	WELL LOCATION PLAT
400433841	DIRECTIONAL DATA
400433842	DRILLING PLAN
400433843	DEVIATED DRILLING PLAN
400433844	TOPO MAP

Total Attach: 6 Files

**General Comments**

<b>User Group</b>	<b>Comment</b>	<b>Comment Date</b>
Permit	Final Review Completed. No LGD or public comment received.	8/20/2013 8:00:49 AM
Permit	Horizontal wellbore crosses lease lines within drilling and spacing unit; distance to lease line is 0'; distance to unit boundary is 100'.	8/20/2013 8:00:01 AM
Permit	This well will produce both fee and fed minerals. Corrected mud disposal to match form 2A.	8/20/2013 7:59:46 AM
Permit	Per operator corrected distance to nearest wellbore.	7/30/2013 12:39:10 PM
Permit	Per operator corrected mineral lease description and acreage.	7/11/2013 11:59:08 AM
Engineer	No existing wells within 500' of proposed directional.	6/27/2013 2:24:38 PM
Permit	Corrected mud disposal information to match Form 2A.	6/25/2013 11:03:32 AM
Permit	This form has passed completeness.	6/18/2013 10:38:05 AM

Total: 8 comment(s)

**Best Management Practices**

<b>No</b>	<b>BMP/COA Type</b>	<b>Description</b>