

FORM  
2Rev  
12/05State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Document Number:

400219528

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: Michael Brown Phone: (307)237-9310 Fax: ()

Email: ml\_brown@bresnan.net

7. Well Name: Wildhorse Well Number: 16-42H

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

9. Proposed Total Measured Depth: 10814

## WELL LOCATION INFORMATION

10. QtrQtr: SWSW Sec: 16 Twp: 9N Rng: 59W Meridian: 6

Latitude: 40.744103 Longitude: -103.990206

Footage at Surface: 330 feet FNL/FSL 660 feet FEL/FWL  
FSL FWL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 5069 13. County: WELD

## 14. GPS Data:

Date of Measurement: 08/19/2011 PDOP Reading: 1.3 Instrument Operator's Name: Loren Shanks

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  
701 FSL 1161 FWL 2273 FNL 660 FEL  
Sec: 16 Twp: 9N Rng: 59W Sec: 16 Twp: 9N Rng: 59W16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No

17. Distance to the nearest building, public road, above ground utility or railroad: 306 ft

18. Distance to nearest property line: 330 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1630 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			

21. Mineral Ownership: ☐ Fee ☒ State ☐ Federal ☐ Indian Lease #: 8435.522. 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):

All of Section 16, T9N-R59W

25. Distance to Nearest Mineral Lease Line: 330 ft

26. Total Acres in Lease: 640

### 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: \_\_\_\_\_

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			0	60			
SURF	13+1/2	9+5/8	36.0	0	1,500	648	1,500	0
1ST	8+3/4	7	29.0	0	6,497	581	6,497	0
2ND	6	4+1/2	11.6	0	10,814	0	0	0

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

33. Comments \_\_\_\_\_

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: Michael L. Brown

Title: Agent

Date: 10/31/2011

Email: ml\_brown@bresnan.net

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 G. Nesline

Director of COGCC

Date: 11/27/2011

#### API NUMBER

05 123 34749 00

Permit Number: \_\_\_\_\_ Expiration Date: 11/26/2013

#### 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) Provide cement coverage from base of intermediate casing 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.

### **Attachment Check List**

Att Doc Num	Name
2531386	DRILLING PLAN
400219528	FORM 2 SUBMITTED
400219542	WELL LOCATION PLAT
400219544	TOPO MAP
400219546	DEVIATED DRILLING PLAN
400219549	SURFACE AGRMT/SURETY

Total Attach: 6 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	No LGD or public comment received; final review completed.	11/22/2011 5:43:12 AM
Permit	Operator is changing drilling plan to exclude the pilot hole.	11/4/2011 1:02:57 PM
Permit	Operator corrected SHL. Form has passed completeness.	11/1/2011 7:32:58 AM
Permit	Returned to draft. SHL should be FSL.	11/1/2011 6:34:36 AM

Total: 4 comment(s)

### **BMP**

<b><u>Type</u></b>	<b><u>Comment</u></b>
Material Handling and Spill Prevention	<p>Spill Prevention Control and Countermeasures (SPCC) plans are in place to address any possible spill associated with oil and gas operations throughout the State of Colorado.</p> <ul style="list-style-type: none"> <li>• Materials and fluids will be stored in a neat and orderly fashion.</li> <li>• Waste will be collected regularly and disposed of at an offsite facility.</li> <li>• Prompt cleanup is required of spills to minimize waste materials entering the stormwater runoff.</li> <li>• Drip pans will be used during fueling and maintenance to contain spills or leaks.</li> <li>• Cleanup of trash and discarded material will be done at the end of the work day.</li> <li>• Cleanup will consist of monitoring the road, location and any other work areas.</li> <li>• Material to be cleaned up includes trash, scrap, and contaminated soil.</li> </ul>
Storm Water/Erosion Control	<p>Stormwater management plans (SWMP) are in place to address construction, drilling and operations associated with oil and gas development throughout the State of Colorado. BMPs will be constructed as necessary to prevent stormwater from leaving the construction site. BMPs used will vary according to the location, and will remain until the pad is reclaimed.</p>

Total: 2 comment(s)