

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:

400324026

Date Received:

09/05/2012

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

Email: Id_brown@bresnan.net

7. Well Name: Wildhorse Well Number: 16-1613BH

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

9. Proposed Total Measured Depth: 11424

WELL LOCATION INFORMATION

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

Latitude: 40.744128 Longitude: -103.990400

Footage at Surface: 340 feet FNL/FSL 607 feet FEL/FWL
FSL FWL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 5068 13. County: WELD

14. GPS Data:

Date of Measurement: 05/29/2012 PDOP Reading: 3.0 Instrument Operator's Name: Darren 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
722 FSL 1015 FWL 1467 FNL 660 FEL
Sec: 16 Twp: 9N Rng: 59W Sec: 16 Twp: 9N Rng: 59W

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: 291 ft

18. Distance to nearest property line: 340 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 148 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 #: 8435.5

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):

All of Section 16 T9N R59W

25. Distance to Nearest Mineral Lease Line: 660 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	20		0	80		80	0
SURF	13+1/2	9+5/8	36	0	2,020	746	2,020	0
1ST	8+3/4	7	29	0	6,561	461	6,561	0
2ND	6	4+1/2	11.6	5743	11,424			

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

33. Comments On Existing Well Location

34. Location ID: 426631

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: Larry D. Brown

Title: Agent Date: 9/5/2012 Email: ld_brown@bresnan.net

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: 10/18/2012

API NUMBER

05 123 36168 00

Permit Number: _____ Expiration Date: 10/17/2014

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 48 hour notice prior to spud via electronic Form 42.
- 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
2172031	SURFACE CASING CHECK
2233066	EXCEPTION LOC REQUEST
2233089	WAIVERS
400324026	FORM 2 SUBMITTED
400324056	WELL LOCATION PLAT
400324057	DEVIATED DRILLING PLAN
400324062	DRILLING PLAN
400324067	DIRECTIONAL DATA
400324112	TOPO MAP

Total Attach: 9 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final Review Completed. No LGD or public comment received.	10/16/2012 9:44:09 AM
Permit	Operator requests approval of a Rule 318 a. exception location: Wellhead is to be located less than 1200' (148') from the nearest well producing/permitted to the same common source of supply.	10/16/2012 9:44:07 AM
Permit	On Hold. Received exception location waiver. Form 2 ok to pass when 2A receives multiwell plan.	10/16/2012 6:49:51 AM
Permit	On Hold. Attached exception location request. Requested exception location waiver from operator.	10/9/2012 10:16:20 AM
Permit	Location and wellbore ok per State Land Board.	9/20/2012 2:09:52 PM
Permit	Input corrected distance to utility. Operator stated that spacing is being applied for.	9/19/2012 2:28:34 PM
Permit	Notified state land board. Corrected typo on plugging bond. SUA attached to API 123-34749 doc #400219549. Wellbore does not meet state set backs. Requested information on application for spacing from operator. Requested clarification on distance to nearest utility, road, or railroad.	9/19/2012 6:18:24 AM
Permit	Per operator changed distance to nearest lease line to 660'.	9/13/2012 4:10:19 PM
Permit	340 feet to nearest mineral lease.	9/6/2012 2:54:07 PM

Total: 9 comment(s)

BMP

<u>Type</u>	<u>Comment</u>
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">• Materials and fluids will be stored in a neat and orderly fashion.• Waste will be collected regularly and disposed of at an offsite facility.• Prompt cleanup is required of spills to minimize waste materials entering the stormwater runoff.• Drip pans will be used during fueling and maintenance to contain spills or leaks.• Cleanup of trash and discarded material will be done at the end of the work day.• Cleanup will consist of monitoring the road, location and any other work areas.• Material to be cleaned up includes trash, scrap, and contaminated soil.
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>
Planning	<p>The Operator participates in the Colorado Oil & Gas Association Voluntary Baseline Groundwater Sampling Program.</p>

Total: 3 comment(s)