

FORM
2

Rev
12/05

State of Colorado

Oil and Gas Conservation Commission

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



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Document Number:

400230562

PluggingBond SuretyID

20030110

APPLICATION FOR PERMIT TO:

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

2. TYPE OF WELL

OIL ☒ GAS ☐ COALBED ☐ OTHER Lateral
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: 04-0424H

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

9. Proposed Total Measured Depth: 10349

WELL LOCATION INFORMATION

10. QtrQtr: Lot 3 Sec: 4 Twp: 9N Rng: 59W Meridian: 6

Latitude: 40.786014 Longitude: -103.985531

Footage at Surface: 320 feet FNL 1954 feet FWL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 5096 13. County: WELD

14. GPS Data:

Date of Measurement: 07/26/2011 PDOP Reading: 2.2 Instrument Operator's Name: Jeremy Harris

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

Footage at Top of Prod Zone: 851 FNL 1948 FWL 660 FSL 1963 FWL
Sec: 4 Twp: 9N Rng: 59W Sec: 4 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: 2000 ft

18. Distance to nearest property line: 320 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 660 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	535-75	640	sec. 4

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):

All of Section 4, T9N-R59W

25. Distance to Nearest Mineral Lease Line: 320 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	950	405	950	0
1ST	8+3/4	7	29.0	0	6,589	471	6,589	0
2ND	6	4+1/2	11.6	0	10,349			

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

33. Comments _____

34. Location ID: 427197

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: 12/8/2011

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: 12/30/2011

API NUMBER

05 123 34896 01

Permit Number: _____ Expiration Date: 12/29/2013

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) Set at least 950' of surface casing. Cement to surface.
- 3) Provide cement coverage from base of intermediate casing to a minimum of 200' above Niobrara. Verify coverage with cement bond log.
- 4) 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
400230562	FORM 2 SUBMITTED
400230564	WELL LOCATION PLAT
400230566	TOPO MAP
400230568	DRILLING PLAN
400230578	DEVIATED DRILLING PLAN

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	No LGD or public comment received; final review completed.	12/29/2011 11:05:29 AM
Permit	Wellis 660 feet from an new permit for a monitor well.	12/29/2011 11:04:30 AM
Permit	Operator corrected QtrQtr to read Lot 3. This form has passed completeness.	12/8/2011 2:29:45 PM
Permit	Returned to draft. QtrQtr should read Lot 3.	12/8/2011 1:52:54 PM

Total: 4 comment(s)

BMP

<u>Type</u>	<u>Comment</u>
Storm Water/Erosion Control	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.
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.

Total: 2 comment(s)