

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



| | | | |
|-----------------------------------|----|----|----|
| DE | ET | OE | ES |
| Document Number: 400204507 | | | |
| 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: 04-0414H
8. Unit Name (if appl): _____ Unit Number: _____
9. Proposed Total Measured Depth: 10387

WELL LOCATION INFORMATION

10. QtrQtr: Lot 4 Sec: 4 Twp: 9N Rng: 59W Meridian: 6
Latitude: 40.785967 Longitude: -103.990206

Footage at Surface: 320 feet FNL 660 feet FWL
11. Field Name: Wildcat Field Number: 99999
12. Ground Elevation: 5107 13. County: WELD

14. GPS Data:

Date of Measurement: 07/27/2011 PDOP Reading: 2.0 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
846 FNL 653 FWL 660 FSL 660 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: 812 ft

18. Distance to nearest property line: 320 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 2300 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: 653 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 | 6,634 | 595 | 6,634 | 0 |
| 2ND | 6 | 4+1/2 | 11.6 | 0 | 10,387 | 0 | 0 | 0 |

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

33. Comments _____

34. Location ID: 426426

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: 9/12/2011

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 S. Nesline

Director of COGCC Date: 11/13/2011

API NUMBER

05 123 34685 01

Permit Number: _____ Expiration Date: 11/12/2013

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 Colby Horton at 970-467-2517 or e-mail at colby.horton@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 |
|-------------|------------------------|
| 2507224 | SURFACE CASING CHECK |
| 400204507 | FORM 2 SUBMITTED |
| 400204522 | WELL LOCATION PLAT |
| 400204525 | TOPO MAP |
| 400204526 | DRILLING PLAN |
| 400204527 | DEVIATED DRILLING PLAN |

Total Attach: 6 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Permit | No LGD or public comment received; final review completed. | 11/10/2011 4:38:21 PM |
| Permit | This is a pilot/lateral drilling plan. The permits will be on hold pending the completion of the 20 day public comment period at which time they will be approved together to maintain proper API number designations. | 9/19/2011 11:39:03 AM |

Total: 2 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)