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: 400221777

PluggingBond SuretyID 20030110

APPLICATION FOR PERMIT TO:

1. [X] **Drill,** [ ] Deepen, [ ] Re-enter, [ ] Recomplete and Operate

2. TYPE OF WELL
OIL [X] GAS [ ] COALBED [ ] OTHER _____
SINGLE ZONE [X] 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: Wolf Well Number: 36-3624H

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

9. Proposed Total Measured Depth: 10332

WELL LOCATION INFORMATION

10. QtrQtr: NENW Sec: 36 Twp: 10N Rng: 59W Meridian: 6

Latitude: 40.801019 Longitude: -103.929136

Footage at Surface:	330	feet	FNL/FSL: FNL	2004	feet	FEL/FWL: FWL	

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 4925 13. County: WELD

14. GPS Data:

Date of Measurement: 10/24/2011 PDOP Reading: 1.8 Instrument Operator's Name: Jerremy Harris

15. If well is [ ] Directional [X] Horizontal (highly deviated) **submit deviated drilling plan.**

	FNL/FSL	FEL/FWL				
Footage at Top of Prod Zone:	851 FNL	2004 FWL	Bottom Hole:	660 FSL	1957 FWL	
Sec: 36	Twp: 10N	Rng: 59W	Sec: 36	Twp: 10N	Rng: 59W	

16. Is location in a high density area? (Rule 603b)? [ ] Yes [X] No

17. Distance to the nearest building, public road, above ground utility or railroad: 4946 ft

18. Distance to nearest property line: 330 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1380 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 [X] State [ ] Federal [ ] Indian Lease #: 8441.5

22. Surface Ownership: [ ] Fee [X] State [ ] Federal [ ] Indian

23. Is the Surface Owner also the Mineral Owner? [X] Yes [ ] No Surface Surety ID#:

23a. If 23 is Yes: Is the Surface Owner(s) signature on the lease? [X] 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 36, T10N-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	6,561	599	6,561	0
2ND	6	4+1/2	11.6	0	10,332			

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: 11/8/2011 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 S. Neslin **Director of COGCC** Date: 12/11/2011

API NUMBER

05 123 34787 00

Permit Number: Expiration Date: 12/10/2013

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.

The operator will monitor the bradenhead pressure of all wells within 300 feet of the well to be fracture stimulated. Bradenhead pressure gauges are to be installed 24 hours prior to stimulation. The gauges are to read at least once during every 24-hour period until 24-hours after stimulation is completed (post flowback). The gauges are to be of the type able to read current pressure and record the maximum encountered pressure in a 24-hour period. The gauge is to be reset between each 24-hour period. The pressures are to be recorded and saved. Alternate electronic measurement may be used to record the prescribed pressures. Data shall be kept for a period of one year. If at any time during stimulation or the 24-hour post-stimulation period, the bradenhead annulus pressure of the treatment well or offset wells increases more than 200 psig, as per Rule 341, the operator of the well being stimulated shall verbally notify the Director as soon as practicable, but no later than twenty-four (24) hours following the incident. Within fifteen (15) days after the occurrence, the operator shall submit a Sundry Notice, Form 4, giving all details, including corrective actions taken.

Attachment Check List

Att Doc Num	Name
2531471	EXCEPTION LOC WAIVERS
2531517	EXCEPTION LOC REQUEST
400221777	FORM 2 SUBMITTED
400221824	WELL LOCATION PLAT
400221825	TOPO MAP
400221827	DEVIATED DRILLING PLAN
400221873	DRILLING PLAN

Total Attach: 7 Files

General Comments

User Group	Comment	Comment Date
Permit	Operator has agreed to the COA.	12/8/2011 11:56:25 AM
Permit	No LGD or public comment received; final review completed.	12/6/2011 12:52:27 PM
Permit	Whiting received waivers and request letter for 318a from the SLB.	11/29/2011 12:37:34 PM
Permit	On Hold Whiting is discussing how to handle wells in this section 11/22/2011	11/22/2011 1:34:43 PM
Permit	Notified State land board.	11/17/2011 6:46:38 AM

Total: 5 comment(s)

BMP

Type	Comment
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	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. • 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)