

APPLICATION FOR PERMIT TO:

Drill

 Deepen

 Re-enter

 Recomplete and Operate

Date Received:
08/15/2013

TYPE OF WELL OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> COALBED <input type="checkbox"/> OTHER _____	Refilling <input type="checkbox"/>
ZONE TYPE SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONES <input type="checkbox"/> COMMINGLE ZONES <input type="checkbox"/>	Sidetrack <input type="checkbox"/>

Well Name: <u>Razor Federal</u>	Well Number: <u>26J-2311A</u>
Name of Operator: <u>WHITING OIL AND GAS CORPORATION</u>	COGCC Operator Number: <u>96155</u>
Address: <u>1700 BROADWAY STE 2300</u>	
City: <u>DENVER</u>	State: <u>CO</u> Zip: <u>80290</u>
Contact Name: <u>Larry Brown</u>	Phone: <u>(307)237-9310</u> Fax: <u>()</u>
Email: <u>ld_brown@bresnan.net</u>	

RECLAMATION FINANCIAL ASSURANCE

Plugging and Abandonment Bond Surety ID: 20030110

WELL LOCATION INFORMATION

QtrQtr: NWSE Sec: 26 Twp: 10N Rng: 58W Meridian: 6

Latitude: 40.808756 Longitude: -103.829503

Footage at Surface: <u>2326</u> feet	FNL/FSL <u>FSL</u> <u>1914</u> feet	FEL/FWL <u>FEL</u>
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Field Name: WILDCAT Field Number: 99999

Ground Elevation: 4729 County: WELD

GPS Data:
Date of Measurement: 03/18/2013 PDOP Reading: 1.6 Instrument Operator's Name: Calvin Becker

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

Footage at Top of Prod Zone: <u>2202</u> feet	FNL/FSL <u>FNL</u> <u>2049</u> feet	FEL/FWL <u>FEL</u>
Sec: <u>26</u> Twp: <u>10N</u> Rng: <u>58W</u>	Bottom Hole: <u>100</u> feet	FNL/FWL <u>FNL</u> <u>1815</u> feet <u>FEL</u>
Sec: <u>26</u> Twp: <u>10N</u> Rng: <u>58W</u>	Sec: <u>23</u> Twp: <u>10N</u> Rng: <u>58W</u>	

LOCATION SURFACE & MINERALS & RIGHT TO CONSTRUCT

Surface Ownership: Fee State Federal Indian

The Surface Owner is: is the mineral owner beneath the location.
 (check all that apply) is committed to an Oil and Gas Lease.
 has signed the Oil and Gas Lease.
 is the applicant.

The Mineral Owner beneath this Oil and Gas Location is: Fee State Federal Indian

The Minerals beneath this Oil and Gas Location will be developed by this Well: No

The right to construct the Oil and Gas Location is granted by: Surface Use Agreement

Surface damage assurance if no agreement is in place: _____ Surface Surety ID: _____

LEASE INFORMATION

Using standard QtrQtr, Sec, Twp, Rng format, describe one entire mineral lease that will be produced by this well (Describe lease beneath surface location if produced. Attach separate description page or map if necessary.)

E/2, NW, NWSW, E/2SW Section 26 T10N R58W

Federal Minerals will also be penetrated by this well.

Total Acres in Described Lease: 600 Described Mineral Lease is: Fee State Federal Indian

Federal or State Lease # COC-075061

Distance from Completed Portion of Wellbore to Nearest Lease Line of described lease: 0 Feet

CULTURAL DISTANCE INFORMATION

Distance to nearest:

Building: 5280 Feet
 Building Unit: 5280 Feet
 High Occupancy Building Unit: 5280 Feet
 Designated Outside Activity Area: 5280 Feet
 Public Road: 5280 Feet
 Above Ground Utility: 5280 Feet
 Railroad: 5280 Feet
 Property Line: 2326 Feet

INSTRUCTIONS:

- All measurements shall be provided from center of nearest Well to nearest of each cultural feature as described in Rule 303.a.(5).
 - Enter 5280 for distance greater than 1 mile.
 - Building - nearest building of any type. If nearest Building is a Building Unit, enter same distance for both.
 - Building Unit, High Occupancy Building Unit, and Designated Outside Activity Area - as defined in 100-Series Rules.

DESIGNATED SETBACK LOCATION INFORMATION

Check all that apply. This location is within a: Buffer Zone
 Exception Zone
 Urban Mitigation Area

- Buffer Zone – as described in Rule 604.a.(2), within 1,000' of a Building Unit
 - Exception Zone - as described in Rule 604.a.(1), within 500' of a Building Unit.
 - Urban Mitigation Area - as defined in 100-Series Rules.

Pre-application Notifications (required if location is within 1,000 feet of a building unit):

Date of Rule 305.a.(1) Urban Mitigation Area Notification to Local Government: _____

Date of Rule 305.a.(2) Buffer Zone Notification to Building Unit Owners: _____

SPACING and UNIT INFORMATION

Distance from Completed Portion of Wellbore to Nearest Wellbore Permitted or Completed in the same formation: 275 Feet

Distance from Completed Portion of Wellbore to Nearest Unit Boundary 100 Feet (Enter 5280 for distance greater than 1 mile.)

Federal or State Unit Name (if appl): _____ Unit Number: _____

SPACING & FORMATIONS COMMENTS

OBJECTIVE FORMATIONS

Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)
NIOBRARA	NBRR	535-314	960	n/2 26, All 23

DRILLING PROGRAM

Proposed Total Measured Depth: 13293 Feet

Distance to nearest permitted or existing wellbore penetrating objective formation: 275 Feet (Including plugged wells)

Will a closed-loop drilling system be used? Yes

Is H₂S gas reasonably expected to be encountered during drilling operations at concentrations greater than or equal to 100 ppm? No (If Yes, attach an H₂S Drilling Operations Plan)

OTHER LOCATION EXCEPTIONS

Check all that apply:

Rule 318.c. Exception Location from Rule or Spacing Order Number _____

Rule 603.a.(2) Exception Location (Property Line Setback).

ALL exceptions and variances require attached Request Letter(s). Refer to applicable rule for additional required attachments (e.g. waivers, certifications, SUAs).

OPERATOR COMMENTS AND SUBMITTAL

Comments

This application is in a Comprehensive Drilling Plan _____ CDP #: _____

Location ID: 433131

Is this application being submitted with an Oil and Gas Location Assessment application? 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 Brown

Title: Agent Date: 8/15/2013 Email: ld_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: _____ Director of COGCC Date: _____

Expiration Date: _____

API NUMBER
05

Conditions Of Approval

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.

<u>COA Type</u>	<u>Description</u>

Best Management Practices

No	BMP/COA Type	Description
1	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.
2	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.
3	Drilling/Completion Operations	The casing will be driven. There are no existing wells within 1500 feet of the well bore. Wells Planned within 1500 feet are shown on the multi-well plan map.

Total: 3 comment(s)

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Attachment Check List

Att Doc Num	Name
400468339	FORM 2 SUBMITTED
400468357	WELL LOCATION PLAT
400468360	SURFACE AGRMT/SURETY
400468362	DRILLING PLAN
400468364	DEVIATED DRILLING PLAN
400468369	DIRECTIONAL DATA
400468373	TOPO MAP

Total Attach: 7 Files

General Comments

User Group	Comment	Comment Date
Permit	Returned to draft. Asked opr to add location ID, remove the related form, Change Application is part of an Oil and Gas Location Assessment to "No." Location has already been approved.	8/16/2013 11:10:37 AM

Total: 1 comment(s)