

FORM  
2

Rev  
08/13

## 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:

400478388

#### APPLICATION FOR PERMIT TO:

☐ Drill ☐ Deepen ☒ Re-enter ☐ Recomplete and Operate

Date Received:

12/11/2013

TYPE OF WELL OIL ☐ GAS ☐ COALBED ☐ OTHER Re-plug

Refilling ☐

ZONE TYPE SINGLE ZONE ☒ MULTIPLE ZONES ☐ COMMINGLE ZONES ☐

Sidetrack ☐

Well Name: Nelson

Well Number: 1

Name of Operator: WHITING OIL AND GAS CORPORATION

COGCC Operator Number: 96155

Address: 1700 BROADWAY STE 2300

City: DENVER State: CO Zip: 80290

Contact Name: James Kopp

Phone: (303)357-1410

Fax: (303)390-4292

Email: james.kopp@whiting.com

#### RECLAMATION FINANCIAL ASSURANCE

Plugging and Abandonment Bond Surety ID: 20030110

#### WELL LOCATION INFORMATION

QtrQtr: SESE Sec: 20 Twp: 10N Rng: 58W Meridian: 6

Latitude: 40.818144

Longitude: -103.882367

Footage at Surface: 660 feet FNL/FSL FSL 660 feet FEL/FWL FEL

Field Name: WILDCAT

Field Number: 99999

Ground Elevation: 4762

County: WELD

GPS Data:

Date of Measurement: 10/01/1958 PDOP Reading: 0.0 Instrument Operator's Name: Arthur Todd

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 \_\_\_\_\_

Sec: \_\_\_\_\_ Twp: \_\_\_\_\_ Rng: \_\_\_\_\_ Sec: \_\_\_\_\_ Twp: \_\_\_\_\_ Rng: \_\_\_\_\_

#### 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.)

Not applicable we are not developing minerals.

Total Acres in Described Lease: \_\_\_\_\_ Described Mineral Lease is: ☒ Fee ☐ State ☐ Federal ☐ Indian

Federal or State Lease # \_\_\_\_\_

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

## CULTURAL DISTANCE INFORMATION

Distance to nearest:

Building: 529 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: 660 Feet

### INSTRUCTIONS:

- All measurements shall be provided from center of the Proposed 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: 978 Feet

Distance from Completed Portion of Wellbore to Nearest Unit Boundary \_\_\_\_\_ 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.)
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## DRILLING PROGRAM

Proposed Total Measured Depth: 6695 Feet

Distance to nearest permitted or existing wellbore penetrating objective formation: 978 Feet (Including plugged wells)

Will a closed-loop drilling system be used? Yes

Is H<sub>2</sub>S gas reasonably expected to be encountered during drilling operations at concentrations greater than or equal to 100 ppm? No (If Yes, attach an H<sub>2</sub>S Drilling Operations Plan)

Will salt sections be encountered during drilling? No

Will salt based (>15,000 ppm Cl) drilling fluids be used? No

Will oil based drilling fluids be used? No

BOP Equipment Type: ☒ Annular Preventor ☐ Double Ram ☐ Rotating Head ☐ None

## GROUNDWATER BASELINE SAMPLING AND MONITORING AND WATER WELL SAMPLING

Water well sampling required per Rule N/A

## DRILLING WASTE MANAGEMENT PROGRAM

Drilling Fluids Disposal: OFFSITE Drilling Fluids Disposal Methods: Commercial Disposal

Cuttings Disposal: OFFSITE Cuttings Disposal Method: Commercial Disposal

Other Disposal Description:

Beneficial reuse or land application plan submitted?

Reuse Facility ID:  or Document Number:

## CASING PROGRAM

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
SURF	12+1/4	8+5/8		0	71	100	71	0

☒ Conductor Casing is NOT planned

## DESIGNATED SETBACK LOCATION EXCEPTIONS

Check all that apply:

- ☐ Rule 604.a.(1)A. Exception Zone (within 500' of Building Unit)
- ☐ Rule 604.b.(1)A. Exception Location (existing or approved Oil & Gas Location now within a Designated Setback as a result of Rule 604.a.)
- ☐ Rule 604.b.(1)B. Exception Location (existing or approved Oil & Gas Location is within a Designated Setback due to Building Unit construction after Location approval)
- ☐ Rule 604.b.(2) Exception Location (SUA or site-specific development plan executed on or before August 1, 2013)
- ☐ Rule 604.b.(3) Exception Location (Building Units constructed after August 1, 2013 within setback per an SUA or site-specific development plan)

## GREATER WATTENBERG AREA LOCATION EXCEPTIONS

Check all that apply:

- ☐ Rule 318A.a. Exception Location (GWA Windows).
- ☐ Rule 318A.c. Exception Location (GWA Twinning).

## RULE 502.b VARIANCE REQUEST

☐ Rule 502.b. Variance Request from COGCC Rule or Spacing Order Number

## 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

Re-entry is necessary to adequately re-plug the subject well due to the nearby proximity of a Horizontal well. GPS data will be taken upon conclusion of plugging operations and noted on the Form 6. No pit will be required. A new form 2A is not required as the disturbance will not be increased. The current and proposed well bore diagrams are attached. The procedure for plugging this well is attached.

\*NOTE Per original completion report Schlumberger found base of surface casing at 51' and that 20' of the surface casing had fallen off and was at 100'.

\*Note- The completion report did not have a weight listed.

#### Re-Plug and Abandon Procedure

1.Notify COGCC at least 24-hours prior to the start of operations. See approved Form 2 for exact contact information.

2.MIRU Bayou Rig. Mob-in pump, swivel, tank, and 2-7/8" workstring. NU 7-1/16" 5K BOP w/ 2-7/8" pipe rams on top and blind rams on bottom, function test BOP. PU bit & TIH on 2-7/8" tubing.

3.Drill out existing cement plugs down to 100'.

4.Clean out to top of Niobrara Formation @ 5620'.

5.MIRU cement equipment. Set 200' balanced plug @ 5,620'. Let cement cure overnight.

6.Tag TOC with EOT.

7.PU to 900' FS and set 200' balanced plug. Let cement cure overnight.

8.Tag TOC with EOT.

9.PU to 150' FS and set cement plug to surface.

10.Cut off WH to 5' below GL and fill hole.

11.Weld on cap with plugging information plate. Backfill cellar.

12.RDMO rig and equipment.

13.Take GPS coordinates of well location. Send information to:

James.Kopp@whiting.James Kopp com (303) 357-1410

14. Reclaim disturbed surface.

This application is in a Comprehensive Drilling Plan \_\_\_\_\_ CDP #: \_\_\_\_\_

Location ID: 405389

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: Sonia Stephens

Title: Regulatory Technician Date: 12/11/2013 Email: regulatory@petro-fs.com

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: 1/7/2014

Expiration Date: 01/06/2016

**API NUMBER**

05 123 05758 00

**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.

**COA Type**

**Description**

	<p>1) Provide 48 hour notice prior to MIRU via electronic Form 42.</p> <p>2) Proposed plugging procedure is approved. In case of difficulties minimum plugs are as follows:</p> <p>Plug #1: Set 100' cement plug above the Niobrara top, in the Pierre, below 3700' or between 1600'-3200 (contact COGCC first). Tag plug.</p> <p>Plug #2: Set 100' cement plug from 700' to 600'.</p> <p>Plug #3: Set 100' cement plug from 150' to surface.</p> <p>3) Submit Form 6 – Subsequent Report of Abandonment within 30 days of plugging in accordance with Rule 311.</p> <p>4) Provide well location GPS coordinates on Subsequent Report of Abandonment in accordance with COGCC As-Built Location Policy and Rule 215.</p>
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**Best Management Practices**

**No BMP/COA Type**

**Description**

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**Applicable Policies and Notices to Operators**

Notice Concerning Operating Requirements for Wildlife Protection.

**Attachment Check List**

**Att Doc Num**

**Name**

400478388	FORM 2 SUBMITTED
400524517	PROPOSED PLUGGING PROCEDURE
400524522	SURFACE AGRMT/SURETY
400524527	WELLBORE DIAGRAM
400524768	WELLBORE DIAGRAM

Total Attach: 5 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

Permit	No LGD or public comments. Final Review--passed.	1/6/2014 10:41:11 AM
Permit	Req'd drilling fluid and mud disposal methods.	12/13/2013 12:59:02 PM
Permit	Passed completeness.	12/11/2013 4:15:28 PM

Total: 3 comment(s)