

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:

400920144

APPLICATION FOR PERMIT TO:

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

Date Received:

10/19/2015

TYPE OF WELL OIL ☒ GAS ☐ COALBED ☐ OTHER UnplannedRefilling ☐ZONE TYPE SINGLE ZONE ☒ MULTIPLE ZONES ☐ COMMINGLE ZONES ☐Sidetrack ☒Well Name: RazorWell Number: 12F-0101AName of Operator: WHITING OIL & GAS CORPORATIONCOGCC Operator Number: 96155Address: 1700 BROADWAY STE 2300City: DENVER State: CO Zip: 80290Contact Name: Michael BrownPhone: (307)237-9310Fax: ()Email: ml_brown@bresnan.net

RECLAMATION FINANCIAL ASSURANCE

Plugging and Abandonment Bond Surety ID: 20030110

WELL LOCATION INFORMATION

QtrQtr: SENW Sec: 12 Twp: 10N Rng: 58W Meridian: 6Latitude: 40.854661Longitude: -103.818397
 Footage at Surface: 2185 feet FNL/FSL FNL 1336 feet FEL/FWL FWL
Field Name: WILDCATField Number: 99999Ground Elevation: 4940County: WELD

GPS Data:

Date of Measurement: 05/14/2013 PDOP Reading: 2.1 Instrument Operator's Name: Jeremy HarrisIf well is ☐ Directional ☒ Horizontal (highly deviated) **submit deviated drilling plan.**Footage at Top of Prod Zone: FNL/FSL FNL 113 FWL 600 FNL 165 FWL
2545 12 10N 58W 1 10N 58W

LOCATION SURFACE & MINERALS & RIGHT TO CONSTRUCT

Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ IndianThe 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 ☐ IndianThe Minerals beneath this Oil and Gas Location will be developed by this Well: YesThe 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.)

T10N, R57W, 6TH P.M.
TRACT 1:
SECTION 7: W2NE (CONTAINING 80 ACRES)
TRACT 2:
SECTION 31: L1 (37.16), L2 (37.21), E2NW, NE/4 (CONTAINING 314.37 ACRES MORE OR LESS)
TRACT 3: T10N, R58W,
SECTION 1: L1(40.04), L2(40.12), L3(40.20), L4(40.28), S/2N/2, S2
SECTION 12: ALL (CONTAINING 800.64 ACRES, MORE OR LESS)
TRACT 4: T10N, R58W
SECTION 2: L1(40.36), L2(40.46), L3(40.54), S/2NE/4, E/2SW/4, S/2SE/4, SE/4NW/4 SECTION 11: E/2NW/4, W/2NE/4
(CONTAINING 561.36 ACRES MORE OR LESS)

Total Acres in Described Lease: 2236 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: 165 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: 3868 Feet
Above Ground Utility: 1425 Feet
Railroad: 5280 Feet
Property Line: 3868 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: 209 Feet

Distance from Completed Portion of Wellbore to Nearest Unit Boundary 113 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.)
CODLL	CODL	535-507	960	N/2 S12, All S1

DRILLING PROGRAM

Proposed Total Measured Depth: 13899 Feet

Distance to nearest permitted or existing wellbore penetrating objective formation: 209 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)

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 609

DRILLING WASTE MANAGEMENT PROGRAM

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

Cuttings Disposal: ONSITE Cuttings Disposal Method: Other

Other Disposal Description:

Bio-remediation

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
CONDUCTOR	24	16	65	0	80	179	80	0
SURF	13+1/2	9+5/8	36	0	1900	595	1900	0
1ST	8+3/4	7	29	0	6697	705	6697	0
1ST LINER	6	4+1/2	11.6	5812	13899	556	13899	5812

☐ 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 We have drilled most of the lateral out of our desired target formation. We would like to open hole sidetrack the lateral to re-drill the lateral in our target formation.

TOTAL DEPTH REACHED:

13,830' (MD) 5,781' (TVD)

CASING:

SURFACE CASING:

SIZE 9-5/8" 36PPF J-55 LTC

DEPTH 1,899.9'

INTERMEDIATE CASING:

SIZE: 7" 32PPF HCL-80 LTC

DEPTH: 6,696.8'

DESCRIPTION OF FISH IN THE HOLE:

NO FISH TO REPORT

PLUG BACK DEPTH:

NO PLUG FOR OPENHOLE SIDETRACK

SIDETRACK KICK OFF POINT:

7,722' (MD), 6,101' (TVD)

BHL TARGET FOR SIDETRACK HOLE:

(SAME TARGET) 6,080'(TVD), 600' FNL AND 165'FWL S01-T10N-R58W

This application is in a Comprehensive Drilling Plan No CDP #: _____

Location ID: 435656

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: Michael Brown

Title: Agent Date: 10/19/2015 Email: ml_brown@bresnan.net

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:  Director of COGCC Date: 10/20/2015

Expiration Date: 10/19/2017

API NUMBER

05 123 38713 01

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

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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

400920144	FORM 2 SUBMITTED
400920371	DEVIATED DRILLING PLAN
400920373	WELLBORE DIAGRAM
400920374	CORRESPONDENCE

Total Attach: 4 Files

General Comments

User Group

Comment

Comment Date

Permit	Final Review Complete.	10/20/2015 9:47:01 AM
Permit	Per oper. added reason for sidetrack to comments and corrected dist. to unit to 113'.	10/19/2015 3:42:29 PM
Permit	This form passes completeness. LGD and public comment periods waived by COGCC Staff. Comment periods do not apply to this application for an unplanned sidetrack when drilling is in progress.	10/19/2015 2:22:52 PM

Total: 3 comment(s)