

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:
400634420
(SUBMITTED)

APPLICATION FOR PERMIT TO:

Drill Deepen Re-enter Recomplete and Operate

Date Received:

TYPE OF WELL OIL GAS COALBED OTHER _____
ZONE TYPE SINGLE ZONE MULTIPLE ZONES COMMINGLE ZONES

Refiling
Sidetrack

Well Name: FEDERAL Well Number: RGU 512-1-298
Name of Operator: WPX ENERGY ROCKY MOUNTAIN LLC COGCC Operator Number: 96850
Address: 1001 17TH STREET - SUITE #1200
City: DENVER State: CO Zip: 80202
Contact Name: ANGELA NEIFERT-KRAISER Phone: (303)606-4398 Fax: (303)629-8268
Email: ANGELA.NEIFERT-KRAISER@WPXENERGY.COM

RECLAMATION FINANCIAL ASSURANCE

Plugging and Abandonment Bond Surety ID: _____

WELL LOCATION INFORMATION

QtrQtr: SWNW Sec: 1 Twp: 2S Rng: 98W Meridian: 6
Latitude: 39.908873 Longitude: -108.347928
Footage at Surface: 1324 feet FNL/FSL FNL 748 feet FEL/FWL FWL
Field Name: SULPHUR CREEK Field Number: 80090
Ground Elevation: 6625 County: RIO BLANCO
GPS Data:
Date of Measurement: 12/03/2014 PDOP Reading: 2.5 Instrument Operator's Name: J KIRKPATRICK
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
2413 FNL 1282 FWL 2413 FNL 1282 FWL
Sec: 1 Twp: 2S Rng: 98W Sec: 1 Twp: 2S Rng: 98W

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: Yes
The right to construct the Oil and Gas Location is granted by: oil and gas lease
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.)

T2S R98W
 SEC. 1: LOTS 22 (35.45, NW/4NE/4), 23 (36.27, NE/4NW/4), 24 (35.09, NW/4NW/4) 25 (35.59, SW/4NW/4) 26 (36.77, SE/4NW/4) 27 (32.23, SW/4NE/4), 30 (25.99, NW/4SE/4), 31 (33.12, NE/4SW/4), 32 (34.50, NW/4SW/4), 33 (34.96, SW/4SW/4), 34 (33.58, SE/4SW/4) 35 (23.25, SW/4SE/4) [W/2, W/2E/2]
 SEC. 2: LOTS 14 (36.06, NW/4SE/4), 21 (35.11, NE/4NE/4), 22 (35.81, NW/4NE/4), 23 (36.13, NE/4NW/4), 24 (36.82, NW/4NW/4), 25 (36.92, SW/4NW/4), 26 (36.21, SE/4NW/4), 27 (36.26, SW/4NE/4) 28 (35.54, SE/4NE/4), 29 (35.52, NE/4SE/4), 30 (35.83, NE/4SW/4), 31 (36.36, NW/4SW/4), 32 (37.00, SW/4SW/4), 33 (36.47, SE/4SW/4), 34 (36.37, SW/4SE/4), 35 (35.83, SE/4SE/4) [ALL]

Total Acres in Described Lease: 975 Described Mineral Lease is: Fee State Federal Indian
 Federal or State Lease # COC60736
 Distance from Completed Portion of Wellbore to Nearest Lease Line of described lease: 2413 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: 3017 Feet
 Above Ground Utility: 4535 Feet
 Railroad: 5280 Feet
 Property Line: 3471 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: 297 Feet
 Distance from Completed Portion of Wellbore to Nearest Unit Boundary 4254 Feet (Enter 5280 for distance greater than 1 mile.)
 Federal or State Unit Name (if appl): RYAN GULCH UNIT Unit Number: COC68239X

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.)
ILES	ILES			
SEGO	SEGO			
WILLIAMS FORK	WMFK			

DRILLING PROGRAM

Proposed Total Measured Depth: 12253 Feet

Distance to nearest permitted or existing wellbore penetrating objective formation: 297 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: Recycle/reuse

Cuttings Disposal: ONSITE Cuttings Disposal Method: Cuttings trench

Other Disposal Description:

Beneficial reuse or land application plan submitted? No

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	30	18	48	0	80	50	80	0
SURF	14+3/4	9+5/8	36	0	3545	1285	3545	0
1ST	8+3/4	4+1/2	11.6	0	12253	1305	12253	7168

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 _____

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

Location ID: 335873

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

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____ Print Name: ANGELA NEIFERT-KRAISER

Title: REGULATORY SPECIALIST Date: _____ Email: ANGELA.NEIFERT-

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.

Best Management Practices

No	BMP/COA Type	Description
1	Planning	WPX will run triple-combo open hole logs from well TD up to base of surface casing on one of the first wells drilled on a multi-well pad. Remaining wells on the pad will be logged with either cased hole pulsed neutron or triple-combo open hole. Every well will also have a CBL log from well TD up through well surface. Form 5 Completion Reports will identify wells on the pad with triple-combo open hole logs.
2	Interim Reclamation	<ul style="list-style-type: none"> • Install automated emergency response systems (e.g., high tank alarms, emergency shut- down systems, etc.). • Implement fugitive dust control program • Evaluate the utility of soil amendment application to achieve effective reclamation. • Use appropriately diverse reclamation seed mixes that mirror an appropriate reference area for the site being reclaimed where approved by landowner. • Seed during appropriate season to increase likelihood of reclamation success • Apply certified weed free mulch and crimp or tacyfy to remain in place to reclaim areas for seed preservation and moisture retention
3	Drilling/Completion Operations	<ul style="list-style-type: none"> • Limit parking to already disturbed areas that have not yet been reclaimed
4	Construction	<ul style="list-style-type: none"> • Surface roads to ensure that the anticipated volume of traffic and the weight and speed of vehicles using the road do not cause environmental damage, including generation of fugitive dust and contribution of sediment to downstream areas. • Salvage topsoil from all road construction and other rights-of-way and re-apply during interim and final reclamation.
5	Planning	<ul style="list-style-type: none"> • Minimize well pad density to the extent possible

Total: 5 comment(s)

Attachment Check List

Att Doc Num	Name
400783941	DIRECTIONAL DATA
400783942	DEVIATED DRILLING PLAN
400783943	WELL LOCATION PLAT
400783944	FED. DRILLING PERMIT
400783945	ACCESS ROAD MAP

Total Attach: 5 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)