

**APPLICATION FOR PERMIT TO:**

**Drill**       Deepen       Re-enter       Recomplete and Operate

Date Received:  
03/01/2019

TYPE OF WELL	OIL <input type="checkbox"/>	GAS <input type="checkbox"/>	COALBED <input checked="" type="checkbox"/>	OTHER <u>Lateral #3</u>	Refilling <input type="checkbox"/>
ZONE TYPE	SINGLE ZONE <input checked="" type="checkbox"/>	MULTIPLE ZONES <input type="checkbox"/>	COMMINGLE ZONES <input type="checkbox"/>	Sidetrack <input checked="" type="checkbox"/>	

Well Name: North Carracas 32-4      Well Number: 7F-1

Name of Operator: RED WILLOW PRODUCTION COMPANY      COGCC Operator Number: 81295

Address: P O BOX 369

City: IGNACIO      State: CO      Zip: 81137

Contact Name: Shelly Cowden      Phone: (970)563-5194      Fax: ( )

Email: scowden@rwpc.us

**RECLAMATION FINANCIAL ASSURANCE**  
Plugging and Abandonment Bond Surety ID: 20090057

**WELL LOCATION INFORMATION**

QtrQtr: SWSW      Sec: 7      Twp: 32N      Rng: 4W      Meridian: N

Latitude: 37.025722      Longitude: -107.333576

Footage at Surface:	<u>175</u> Feet	FNL/FSL	<u>308</u> Feet	FEL/FWL
	FSL		FWL	

Field Name: IGNACIO BLANCO      Field Number: 38300

Ground Elevation: 6159      County: ARCHULETA

GPS Data:  
Date of Measurement: 11/01/2017      PDOP Reading: 1.8      Instrument Operator's Name: Kenneth E. Rea

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
<u>268</u>	FSL	<u>231</u>	<u>200</u>	FNL	<u>1927</u>
		FEL			FWL

Sec: 12      Twp: 32N      Rng: 5W      Sec: 12      Twp: 32N      Rng: 5W

**LOCAL GOVERNMENT INFORMATION**

County: ARCHULETA      Municipality: N/A

Per § 34-60-106 (1)(f)(I)(A), the following questions pertain to the "local government with jurisdiction to approve the siting of the proposed oil and gas location."

The local government with jurisdiction is: County

Does the local government with jurisdiction regulate the siting of Oil and Gas Locations, with respect to this COGCC application? If the local government has waived its right to precede the COGCC in siting determination, indicate by selecting "NO" here and selecting "Waived" below.  Yes  No

If yes, in checking this box, I hereby certify that an application has been filed with the local government with jurisdiction to approve the siting of the proposed oil and gas location.

The local government siting permit type is: \_\_\_\_\_

The local government siting permit was filed on: \_\_\_\_\_

The disposition of the application filed with the local government is: \_\_\_\_\_

Additional explanation of local process:

\_\_\_\_\_

**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: 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.)

T32N-R5W, N.M.P.M., Sec12: ALL  
And additional acreage

Total Acres in Described Lease: 12327 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: 5280 Feet

**CULTURAL DISTANCE INFORMATION**

Distance to nearest:

- Building: 696 Feet
- Building Unit: 696 Feet
- High Occupancy Building Unit: 5280 Feet
- Designated Outside Activity Area: 5280 Feet
- Public Road: 732 Feet
- Above Ground Utility: 5280 Feet
- Railroad: 5280 Feet
- Property Line: 150 Feet
- School Facility: 5280 Feet
- School Property Line: 5280 Feet
- Child Care Center: 5280 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, Designated Outside Activity Area, School Facility, and Child Care Center – 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 proposed wellbore to nearest completed portion of offset wellbore permitted or completed in the same formation: 5280 FeetDistance from Completed Portion of Wellbore to Nearest Unit Boundary 200 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.)
FRUITLAND COAL	FRLDC	112-287	7389	See Order

**DRILLING PROGRAM**Proposed Total Measured Depth: 8618 Feet

Distance from the proposed wellbore to nearest existing or proposed wellbore belonging to another operator, including plugged wells:

Enter distance if less than or equal to 1,500 feet: \_\_\_\_\_ Feet  No well belonging to another operator within 1,500 feetWill a closed-loop drilling system be used? YesIs 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? NoWill salt based (>15,000 ppm Cl) drilling fluids be used? YesWill oil based drilling fluids be used? NoBOP Equipment Type:  Annular Preventor  Double Ram  Rotating Head  None**GROUNDWATER BASELINE SAMPLING AND MONITORING AND WATER WELL SAMPLING**Water well sampling required per Rule 608**DRILLING WASTE MANAGEMENT PROGRAM**Drilling Fluids Disposal: OFFSITE Drilling Fluids Disposal Methods: Recycle/reuseCuttings 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
CONDUCTOR	17+1/2	13+3/8	54.5	0	140	200	140	0
SURF	12+1/4	9+5/8	36	0	860	430	860	0
1ST	8+3/4	7	23	0	3443	355	3443	0
1ST LINER	6+1/8	4+1/2	11.6	3133	8495	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

Insofar as this application for Permit to Drill concerns lands within the jurisdiction of the Southern Ute Indian Tribe, it is submitted to the Colorado Oil and Gas Conservation Commission ("COGCC") in accordance with the terms of the Memorandum of Understanding dated Aug. 22, 1991 between the Bureau of Land Management ("BLM") and the Commission and the separate Memorandum of Understanding dated Aug. 22, 1991 between the Bureau of Indian Affairs ("BIA"), the BLM and the Southern Ute Indian Tribe.

The trajectory of the wellbore will be as follows:  
 This Form 2 is for the Lateral #3.  
 The Completed interval will be within the authorized setbacks.

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

Location ID: \_\_\_\_\_

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: Shelly Cowden

Title: Sen. Env.Compliance Spec. Date: 3/1/2019 Email: scowden@rwpc.us

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, applicable orders, and SB 19-181 and is hereby approved.

COGCC Approved: \_\_\_\_\_



Director of COGCC

Date: 7/11/2019

Expiration Date: 07/10/2021

**API NUMBER**

05 007 06338 03

**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**

**Best Management Practices**

**No BMP/COA Type**

**Description**

**Applicable Policies and Notices to Operators**

Notice Concerning Operating Requirements for Wildlife Protection.  
[http://cogcc.state.co.us/documents/reg/Policies/Wildlife\\_Notice.pdf](http://cogcc.state.co.us/documents/reg/Policies/Wildlife_Notice.pdf)

**Attachment Check List**

**Att Doc Num**

**Name**

401956886	FORM 2 SUBMITTED
401956934	DEVIATED DRILLING PLAN
401969344	DIRECTIONAL DATA

Total Attach: 3 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

Permit	Per phone conversation with operator 7/10/2019 and per operator concurrence, corrected datafields on well location tab, lease information, distance from completed portion of wellbore to nearest unit boundary, spacing order number, unit acreage, unit configuration, and proposed total measured depth.  Final Review Completed.	07/10/2019
Permit	Corrected SHL lat/long and footages (typo).	04/01/2019
Engineer	No COA – Red Willow operating within the South Ute reservation boundaries. This Form 2 is for the lateral #3	03/13/2019
Permit	Returned to draft - Missing Directional Data. Corrected by operator. Passed completeness.	03/12/2019
Permit	Corrected Surety Id#.	03/08/2019

Total: 5 comment(s)