

FORM  
2  
Rev  
12/20

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:  
402917484  
Date Received:  
01/13/2022

APPLICATION FOR PERMIT TO:

Drill  Deepen  Re-enter  Recomplete and Operate

Amend

TYPE OF WELL OIL  GAS  COALBED  OTHER: Lateral 4

Refile

ZONE TYPE SINGLE ZONE  MULTIPLE ZONES  COMMINGLE ZONES

Sidetrack

Well Name: Stone Point 33-6 Well Number: 7-3  
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

Surface Location

QtrQtr: SWNE Sec: 7 Twp: 33N Rng: 6W Meridian: N  
Footage at Surface: 1577 Feet FNL 1618 Feet FEL  
Latitude: 37.121317 Longitude: -107.538260  
GPS Data: GPS Quality Value: 1.8 Type of GPS Quality Value: PDOP Date of Measurement: 01/17/2019  
Ground Elevation: 6741  
Field Name: IGNACIO BLANCO Field Number: 38300

Well Plan: is  Directional  Horizontal (highly deviated)  Vertical

If Well plan is Directional or Horizontal attach Deviated Drilling Plan and Directional Data.

Subsurface Locations

Top of Productive Zone (TPZ)  
Sec: 8 Twp: 33N Rng: 6W Footage at TPZ: 2593 FSL 299 FWL  
Measured Depth of TPZ: 4115 True Vertical Depth of TPZ: 2978 FNL/FSL FEL/FWL

Base of Productive Zone (BPZ)  
Sec: 9 Twp: 33N Rng: 6W Footage at BPZ: 217 FNL 200 FEL  
Measured Depth of BPZ: 14648 True Vertical Depth of BPZ: 3225 FNL/FSL FEL/FWL

Bottom Hole Location (BHL)  
Sec: 9 Twp: 33N Rng: 6W Footage at BHL: 217 FNL 200 FEL  
FNL/FSL FEL/FWL

LOCAL GOVERNMENT PERMITTING INFORMATION

County: LA PLATA Municipality: N/A

Is the Surface Location of this Well in an area designated as one of State interest and subject to the requirements of § 24-65.1-108 C.R.S.? No

Per § 34-60-106(1)(f)(I)(A) C.R.S., the following questions pertain to the Relevant Local Government approval of the siting of the proposed Oil and Gas Location.

SB 19-181 provides that when "applying for a permit to drill," operators must include proof that they sought a local government siting permit and the disposition of that permit application, or that the local government does not have siting regulations. § 34-60-106(1)(f)(I)(A) C.R.S.

Does the Relevant Local Government regulate the siting of Oil and Gas Locations, with respect to this Location?  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 disposition of the application filed with the Relevant Local Government is: \_\_\_\_\_ Date of Final Disposition: \_\_\_\_\_

Comments:

### SURFACE AND MINERAL OWNERSHIP AT WELL'S OIL & GAS LOCATION

Surface Owner of the land at this Well's Oil and Gas Location:  Fee  State  Federal  Indian

Mineral Owner beneath this Well's Oil and Gas Location:  Fee  State  Federal  Indian

Surface Owner Protection Financial Assurance (if applicable): \_\_\_\_\_ Surety ID Number (if applicable): \_\_\_\_\_

### MINERALS DEVELOPED BY WELL

The ownership of all the minerals that will be developed by this Well is (check all that apply):

- Fee
- State
- Federal
- Indian
- N/A

### LEASE INFORMATION

Using standard QtrQtr, Section, Township, Range format describe one entire mineral lease as follows:

- \* If this Well is within a unit, describe a lease that will be developed by the Well.
  - \* If this Well is not subject to a unit, describe the lease that will be produced by the Well.
- (Attach a Lease Map or Lease Description or Lease if necessary.)

Total Acres in Described Lease: 3720 Described Mineral Lease is:  Fee  State  Federal  Indian

Federal or State Lease # 750-17-2021

### SAFETY SETBACK INFORMATION

Distance from Well to nearest:

Building: 2025 Feet  
 Building Unit: 2260 Feet  
 Public Road: 3535 Feet  
 Above Ground Utility: 3535 Feet  
 Railroad: 5280 Feet

**INSTRUCTIONS:**  
 - Specify all distances per Rule 308.b.(1).  
 - 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 – as defined in 100 Series Rules.

Property Line: 215 Feet

**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	112-291	2880	See Order

Federal or State Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_

**SUBSURFACE MINERAL SETBACKS**

Enter 5280 for distance greater than 1 mile.

Is this Well within a unit? Yes

If YES:

Enter the minimum distance from the Completed Zone of this Well to the Unit Boundary: 200 Feet

Enter the minimum distance from the Completed Zone of this Well to the Completed Zone of an offset Well within the same unit permitted or completed in the same formation: \_\_\_\_\_ Feet

If NO:

Enter the minimum distance from the Completed Zone of this Well to the Lease Line of the described lease: \_\_\_\_\_ Feet

Enter the minimum distance from the Completed Zone of this Well to the Completed Zone of an offset Well producing from the same lease and permitted or completed in the same formation: \_\_\_\_\_ Feet

**Exception Location**

If this Well requires the approval of a Rule 401.c Exception Location, enter the Rule or spacing order number and attach the Exception Location Request and Waivers. \_\_\_\_\_

**SPACING & FORMATIONS COMMENTS**

\_\_\_\_\_

**DRILLING PROGRAM**

Proposed Total Measured Depth: 14648 Feet TVD at Proposed Total Measured Depth 3225 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 feet

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 Plan unless a plan was already submitted with the Form 2A per Rule 304.c.(10).

Will there be hydraulic fracture treatment at a depth less than 2,000 feet in this well? No

Will salt sections be encountered during drilling? No

Will salt based (>15,000 ppm Cl) drilling fluids be used? Yes

Will oil based drilling fluids be used? No

BOP Equipment Type:  Annular Preventor  Double Ram  Rotating Head  None

Beneficial reuse or land application plan submitted? \_\_\_\_\_

Reuse Facility ID: \_\_\_\_\_ or Document Number: \_\_\_\_\_

## CASING PROGRAM

Casing Type	Size of Hole	Size of Casing	Grade	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
CONDUCTOR	17+1/2	13+3/8	J-55	54.4	0	140	85	140	0
SURF	12+1/4	9+5/8	J-55	36	0	450	123	450	0
1ST	8+3/4	7+0/0	J-55	23	0	4945	600	4945	0
4TH LINER	6+1/4	4+1/2	L-80	11.6	4115	14649			

Conductor Casing is NOT planned

## POTENTIAL FLOW AND CONFINING FORMATIONS

Zone Type	Formation /Hazard	Top M.D.	Top T.V.D.	Bottom M.D.	Bottom T.V.D.	TDS (mg/L)	Data Source	Comment
Groundwater	Animas	0	0	1826	1777	501-1000	USGS	Water Resources Investigation Report 95-4190
Groundwater	McDermitt	1826	1777	2075	2007	1001-10000	Electric Log Calculation	Pine River Unit 3-31 Pickett Plot
Groundwater	Ojo Alamo	2075	2007	2209	2118	1001-10000	Electric Log Calculation	Pine River Unit 3-31 Pickett Plot
Confining Layer	Kirtland Shale	2209	2118	4011	2954	1001-10000	Electric Log Calculation	Pine River Unit 3-31 Pickett Plot
Hydrocarbon	Fruitland Formation	4011	2954	4653	3329	>10000	Electric Log Calculation	Pine River Unit 3-31 Pickett Plot and Rw Catalogue
Hydrocarbon	Pictured Cliffs	4683	3239	4896	3329	>10000	Electric Log Calculation	Pine River Unit 3-31 Pickett Plot and Rw Catalogue

## 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 4th Lateral  
 The Completed interval will be within the authorized setbacks

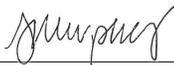
This application is in a Comprehensive Area Plan No CAP #: \_\_\_\_\_  
 OGDID#: \_\_\_\_\_ OGDID Name: \_\_\_\_\_ Expiration Date: \_\_\_\_\_  
 Location ID: 481451 Location Name: Stone Point 33-6 7-3

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

Signed: \_\_\_\_\_ Print Name: Shelly Cook-Cowden  
 Title: Env. Compliance Spec. Date: 1/13/2022 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: 1/30/2022  
 Expiration Date: 01/29/2025

<b>API NUMBER</b> 05 067 10030 04
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## 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.

### Condition of Approval

**COA Type**

**Description**

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

### Best Management Practices

**No BMP/COA Type**

**Description**

<u>No BMP/COA Type</u>	<u>Description</u>

### Attachment List

**Att Doc Num**

**Name**

402917484	FORM 2 SUBMITTED
402924603	DIRECTIONAL DATA
402924604	FED. DRILLING PERMIT
402924605	WELL LOCATION PLAT
402924607	WELLBORE DIAGRAM

Total Attach: 5 Files

### General Comments

**User Group**

**Comment**

**Comment Date**

OGLA	Location is within exterior boundaries of the Southern Ute Indian Reservation. Red Willow is SUIT operator, Form 2 is courtesy only. No Form 2A required.	01/18/2022
Permit	Made corrections to well location information per well location plat. Made corrections to distance to unit boundary per approved order.	01/17/2022
Engineer	Made corrections to casing liner top and setting depth. Corrected sacks of cement.	01/14/2022
Engineer	No COA - within exterior boundaries of the Southern Ute Indian Reservation.	01/14/2022

Total: 4 comment(s)