

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:

402917453

Date Received:

01/13/2022

APPLICATION FOR PERMIT TO:

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

Amend ☐

Refile ☐

Sidetrack ☒

TYPE OF WELL OIL ☐ GAS ☐ COALBED ☒ OTHER: Lateral 2

ZONE TYPE SINGLE ZONE ☒ MULTIPLE ZONES ☐ COMMINGLE ZONES ☐

Well Name: Stone Point 33-6

Well Number: 7-2

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: 1537 Feet FNL/FSL FNL 1618 Feet FEL/FWL FEL

Latitude: 37.121427 Longitude: -107.538259

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: 897 FNL 476 FWL

Measured Depth of TPZ: 4155 True Vertical Depth of TPZ: 3028 FNL/FSL FEL/FWL

Base of Productive Zone (BPZ)

Sec: 4 Twp: 33N Rng: 6W Footage at BPZ: 1575 FNL 200 FEL

Measured Depth of BPZ: 15111 True Vertical Depth of BPZ: 3230 FNL/FSL FEL/FWL

Bottom Hole Location (BHL)

Sec: 4 Twp: 33N Rng: 6W Footage at BHL: 1575 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.)

T33N-R6W, N.M.P.M., Sec 6: ALL
And additional acreage

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: 15111 Feet

TVD at Proposed Total Measured Depth 3230 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	4777	624	4777	0
2ND LINER	6+1/8	4+1/2	L-80	11.6	4155	15111			

☐ 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	1788	1742	501-1000	USGS	Water Resources Investigation Report 95-4190
Groundwater	McDermitt	1788	1742	2035	1971	1001-10000	Electric Log Calculation	Pine River Unit 3-31 Pickett Plot
Groundwater	Ojo Alamo	2035	1971	2164	2084	1001-10000	Electric Log Calculation	Pine River Unit 3-31 Pickett Plot
Confining Layer	Kirtland Shale	2164	2084	3853	2918	1001-10000	Electric Log Calculation	Pine River Unit 3-31 Pickett Plot
Hydrocarbon	Fruitland Formation	3853	2918	4521	3201	>10000	Electric Log Calculation	Pine River Unit 3-31 Pickett Plot and Rw Catalogue
Hydrocarbon	Pictured Cliffs	4521	3201	4734	3291	>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 2nd 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: 481450 Location Name: Stone Point 33-6 7-2

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

API NUMBER

05 067 10031 02

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

0 COA

Best Management Practices

No BMP/COA Type

Description

Attachment List

Att Doc Num

Name

402917453	FORM 2 SUBMITTED
402924349	DIRECTIONAL DATA
402924354	FED. DRILLING PERMIT
402924356	WELL LOCATION PLAT
402924359	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.	01/13/2022
Engineer	No COA - within exterior boundaries of the Southern Ute Indian Reservation.	01/13/2022

Total: 4 comment(s)