

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:

402606570

(SUBMITTED)

Date Received:

04/08/2021

APPLICATION FOR PERMIT TO:

Drill Deepen Re-enter Recomplete and Operate

Amend

Refile

Sidetrack

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

Well Name: SCHOOL HOUSE POINT Well Number: OM07C B21 696
Name of Operator: BERRY PETROLEUM COMPANY LLC COGCC Operator Number: 10091
Address: 11117 RIVER RUN BLVD
City: BAKERSFIELD State: CA Zip: 93311
Contact Name: ANDREA GURR Phone: (435)722-0065 Fax: (435)722-1321
Email: AGURR@BRY.COM

RECLAMATION FINANCIAL ASSURANCE

Plugging and Abandonment Bond Surety ID: 20170029

WELL LOCATION INFORMATION

Surface Location

QtrQtr: NENE Sec: 21 Twp: 6S Rng: 96W Meridian: 6
Footage at Surface: 478 Feet FNL/FSL FNL 911 Feet FEL/FWL FEL
Latitude: 39.514444 Longitude: -108.107903
GPS Data: GPS Quality Value: 1.3 Type of GPS Quality Value: PDOP Date of Measurement: 02/07/2012
Ground Elevation: 8288
Field Name: GRAND VALLEY Field Number: 31290

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: 21 Twp: 6S Rng: 96W Footage at TPZ: 1994 FNL 2217 FEL
Measured Depth of TPZ: 7048 True Vertical Depth of TPZ: 6856 FNL/FSL FEL/FWL

Base of Productive Zone (BPZ)
Sec: 21 Twp: 6S Rng: 96W Footage at TPZ: 1994 FNL 2217 FEL
Measured Depth of TPZ: 9999 True Vertical Depth of TPZ: 9806 FNL/FSL FEL/FWL

Bottom Hole Location (BHL)
Sec: 21 Twp: 6S Rng: 96W Footage at BHL: 1994 FNL 2217 FEL
FNL/FSL FEL/FWL

LOCAL GOVERNMENT PERMITTING INFORMATION

County: GARFIELD

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: Berry Petroleum Company, LLC has contacted Garfield County, the local government with jurisdiction over the siting of this proposed oil and gas location and determined that per the Garfield County Land Use and Development Code, Table 3-403, "Oil and Gas Drilling and Production and "Hydraulic Fracturing, Remote Surface Location are a use by right or Exempt from Land Use Regulation at this site. Garfield County's disposition is not required for the purposes of this submittal.

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.)

NE4 Sec 21 6S 96W, 160 acres. PLEASE SEE UPDATED MINERAL LEASE MAP ATTACHED.

Total Acres in Described Lease: 4350 Described Mineral Lease is: Fee State Federal Indian

Federal or State Lease # _____

SAFETY SETBACK INFORMATION

Distance from Well to nearest:

Building: 5035 Feet

INSTRUCTIONS:

- Specify all distances per Rule 308.b.(1).
- Enter 5280 for distance greater than 1 mile.

Building Unit: 5035 Feet
 Public Road: 4570 Feet
 Above Ground Utility: 4500 Feet
 Railroad: 5280 Feet
 Property Line: 2352 Feet

- 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.

OBJECTIVE FORMATIONS

Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)
WILLIAMS FORK	WMFK	510-53	11510	L6-7, E2NW, N2SE

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? No

If YES:

Enter the minimum distance from the Completed Zone of this Well to the Unit Boundary: _____ 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: 318 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: 810 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

UNIT CONFIGURATION APPLIES TO SECTION 21, NOT THE ENTIRE NORTH PARACHUTE RANCH SPACING UNIT.

DRILLING PROGRAMProposed Total Measured Depth: 9999 FeetTVD at Proposed Total Measured Depth 9806 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: 803 Feet No well belonging to another operator within 1,500 feetWill a closed-loop drilling system be used? YesIs 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? NoWill salt sections be encountered during drilling? NoWill salt based (>15,000 ppm Cl) drilling fluids be used? NoWill oil based drilling fluids be used? NoBOP 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	30	20	H40	55	0	100	100	100	0
SURF	16	9+5/8	J55	36	0	2500	1000	2500	0
1ST	7+7/8	4+1/2	N80	11.6	0	9999	600	9999	

 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	GREEN RIVER	0	0	1920	1882	501-1000	CGS	
Confining Layer	WASATCH	2456	2513	5203	5056			
Confining Layer	FORT UNION	5203	5056	6647	6456			
Hydrocarbon	OHIO CREEK	6647	6456	6848	6656	>10000	Produced Water Sample	
Hydrocarbon	WILLIAMS FORK	6848	6656	9498	9306	>10000	Produced Water Sample	
Hydrocarbon	CAMEO	9498	9305	9848	9656	>10000	Produced Water Sample	
Hydrocarbon	ROLLINS	9848	9656	9998	9806	>10000	Produced Water Sample	

OPERATOR COMMENTS AND SUBMITTAL

Comments

PAD HAS BEEN BUILT. CONDUCTORS HAVE BEEN SET.
 NO RIG ONSITE.
 THE REFILE WILL NOT REQUIRE ANY EXPANSION/ADDITIONAL SURFACE DISTURBANCE OF PAD.
 THE LOCATION DOES NOT REQUIRE A VARIANCE FROM ANY OF THE RULES LISTED IN RULE 306.D (1). (A). (II).
 THE LOCATION IS NOT IN A RESTRICTED SURFACE OCCUPANCY AREA.
 THE LOCATION IS NOT IN A SENSITIVE WILDLIFE HABITAT AREA.

This application is in a Comprehensive Area Plan No CAP #: _____

Oil and Gas Development Plan Name _____ OGDP ID#: _____

Location ID: 421108

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

Signed: _____

Print Name: ANDREA GURR

Title: REGULATORY SPECIALIST 2

Date: 4/8/2021

Email: AGURR@BRY.COM

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: _____

Expiration Date: _____

API NUMBER
05 045 20310 00

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
1	Drilling/Completion Operations	Cuttings Management: During drilling, Berry Petroleum Company, LLC. will keep the drill cuttings segregated on the well pad. Cuttings will not be in contact with the fill material or topsoil on location. After drilling and completion operations have completed, soil amendments such as phosphorus and nitrogen will be utilized to expedite the amendment process (if necessary). Berry will be utilizing closed-loop drilling. Amended cuttings that meet the table 910-1 levels will be covered with 3???? of clean material during reclamation activities.
2	Drilling/Completion Operations	In compliance with rule 317.p, Berry Petroleum Company, LLC. conducted an openhole Resistivity Log on the first operationally feasible well on the A21 696 pad (Well: OM01A A21 696, API # 05-045-14955) located in the NE/NE qtr, Sec 21, 6S 96W, July, 2015. The B21 6S 96W pad is also located in the NE/NE, thus meets the criteria for rule 317.p. All wells on the B21 696 pad will have a cement bond log with cased hole gamma ray run on the production casing. The Form 5 completion Report will list all the logs run in on the subject well and identify the OM01A 696 well that was logged with the open-hole Resistivity Log. Please see attached map confirming open-hole logs near section 21.
3	Drilling/Completion Operations	The nearby hillside(s) will be monitored for any daylighting drilling fluids throughout the drilling of the surface casing interval. COGCC engineering staff must be notified as soon as practicable if daylighting is observed.
4	Drilling/Completion Operations	Berry Petroleum Company, LLC comply with all provisions of the June 12, 2008 Notice to Operators Drilling Wells within 3/4 Mile of the Rim of the Roan Plateau in Garfield County - Pit Design, Construction and Monitoring Requirements.

Total: 4 comment(s)

Attachment List

Att Doc Num	Name
402606727	DIRECTIONAL DATA
402606728	DEVIATED DRILLING PLAN
402606731	WELL LOCATION PLAT
402606732	PLAT
402606736	REFERENCE AREA MAP
402606738	TOPO MAP
402606739	HYDROLOGY MAP
402606741	MINERAL LEASE MAP

Total Attach: 8 Files

General Comments

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)



Public Comments

No public comments were received on this application during the comment period.

