

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:

402758769

(SUBMITTED)

Date Received:

07/26/2021

APPLICATION FOR PERMIT TO:

Drill Deepen Re-enter Recomplete and Operate

Amend

TYPE OF WELL OIL GAS COALBED OTHER: Lateral 2 BP 1

Refile

ZONE TYPE SINGLE ZONE MULTIPLE ZONES COMMINGLE ZONES

Sidetrack

Well Name: Secord 17U 34-6 Well Number: 2
Name of Operator: CATAMOUNT ENERGY PARTNERS LLC COGCC Operator Number: 10464
Address: 1001 17TH STREET STE 1160
City: DENVER State: CO Zip: 80202
Contact Name: Nolan Redmond Phone: (720)484-2344 Fax: ()
Email: nredmond@catamountep.com

RECLAMATION FINANCIAL ASSURANCE

Plugging and Abandonment Bond Surety ID: 20160137

WELL LOCATION INFORMATION

Surface Location

QtrQtr: NWSW Sec: 17 Twp: 34N Rng: 6W Meridian: N
Footage at Surface: 1516 Feet FSL 1188 Feet FWL
Latitude: 37.187725 Longitude: -107.528549
GPS Data: GPS Quality Value: 2.3 Type of GPS Quality Value: PDOP Date of Measurement: 01/18/2021
Ground Elevation: 7221
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: 17 Twp: 34n Rng: 6w Footage at TPZ: 2371 FNL 747 FWL
Measured Depth of TPZ: 3483 True Vertical Depth of TPZ: 2940 FNL/FSL FEL/FWL
Base of Productive Zone (BPZ)
Sec: 5U Twp: 34N Rng: 6w Footage at BPZ: 22 FSL 660 FWL
Measured Depth of BPZ: 11136 True Vertical Depth of BPZ: 2603 FNL/FSL FEL/FWL
Bottom Hole Location (BHL)
Sec: 5U Twp: 34N Rng: 6W Footage at BHL: 22 FSL 660 FWL
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: Approved Date of Final Disposition: 12/31/2020

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.)

Township 34 North, Range 6 West, NMPM, SUL
Section 5U: Lots 1 (21.32 acres), 2 (21.35 acres), 3 (21.39 acres), and 4 (21.42 acres)
Section 8U: All
Section 17U: N/2, NE/4SW/4, S/2SW/4, SE/4

Total Acres in Described Lease: 1645 Described Mineral Lease is: Fee State Federal Indian

Federal or State Lease # COC22979

SAFETY SETBACK INFORMATION

Distance from Well to nearest:

Building: 2578 Feet
Building Unit: 3255 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

Public Road: 5280 Feet
Above Ground Utility: 2743 Feet
Railroad: 5280 Feet
Property Line: 126 Feet

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.)
FRUITLAND COAL	FRLDC		2250	4U, 5U, 8U, 9U, 17U 34N6W

Federal or State Unit Name (if appl): Tarheel Unit Unit Number: COC80458X

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: 660 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: 724 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 PROGRAMProposed Total Measured Depth: 11136 FeetTVD at Proposed Total Measured Depth 2603 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 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? YesWill 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
SURF	12+1/4	9+5/8		36	0	551	187	551	0
1ST	8+3/4	7		23	0	3850	350	3850	0
1ST LINER	6+1/8	4+1/2		11.6	3800	11136			

 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	Upper Animas	0	0	1993	1849	0-500	DWR	
Groundwater	Animas Mcdermott	1993	1849	2521	2240	501-1000	USGS	W.R.I. 95-4190 Range 200-2500 mg/l
Confining Layer	Upper Kirtland Shale	2521	2240	2714	2380	1001-10000	USGS	W.R.I. 95-4188
Hydrocarbon	Farmington SS	2714	2380	3236	2760	1001-10000	USGS	W.R.I. 95-4188
Confining Layer	Lower Kirtland Shale	3236	2760	3783	2940	1001-10000	USGS	W.R.I. 95-4188
Hydrocarbon	Fruitland	3483	2940	3675	3080	>10000	Produced Water Sample	
Hydrocarbon	Pictured Cliffs	3675	3080	3850	3215	>10000	Produced Water Sample	

OPERATOR COMMENTS AND SUBMITTALComments This application is in a Comprehensive Area Plan No CAP #: _____

Oil and Gas Development Plan Name _____ OGDID#: _____

Location ID: 334337

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

Signed: _____ Print Name: Nolan RedmondTitle: Geo/Eng Tech Date: 7/26/2021 Email: nredmond@catamountep.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
05 067 10024 06

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.

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

Best Management Practices

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

Attachment List

<u>Att Doc Num</u>	<u>Name</u>

Total Attach: 0 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)

Public Comments

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

