

FORM
2A

Rev
08/13

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:

400508494

Date Received:

11/08/2013

Oil and Gas Location Assessment

New Location Refile Amend Existing Location Location#: _____

Submit signed original form. This Oil and Gas Location Assessment is to be submitted to the COGCC for approval prior to any ground disturbance activity associated with oil and gas operations. Approval of this Oil and Gas Location Assessment will allow for the construction of the below specified Location; however, it does not supersede any land use rules applied by the local land use authority. Please see the COGCC website at <http://cogcc.state.co.us/> for all accompanying information pertinent this Oil and Gas Location Assessment.

Location ID:

Expiration Date:

This location assessment is included as part of a permit application.

CONSULTATION

- This location is included in a Comprehensive Drilling Plan. CDP # _____
- This location is in a sensitive wildlife habitat area.
- This location is in a wildlife restricted surface occupancy area.
- This location includes a Rule 306.d.(1)A.ii. variance request.

Operator

Operator Number: 10464
 Name: CATAMOUNT ENERGY PARTNERS LLC
 Address: 1801 BROADWAY #1000
 City: DENVER State: CO Zip: 80202

Contact Information

Name: Nolan Redmond
 Phone: (720) 484-2344
 Fax: (720) 484-2363
 email: nredmond@catamountep.com

RECLAMATION FINANCIAL ASSURANCE

- Plugging and Abandonment Bond Surety ID: 20130096 Gas Facility Surety ID: _____
- Waste Management Surety ID: _____

LOCATION IDENTIFICATION

Name: Campbell 33-7-4 Number: 1H
 County: LA PLATA
 Quarter: SWSW Section: 3 Township: 33N Range: 7W Meridian: N Ground Elevation: 6689

Define a single point as a location reference for the facility location. When the location is to be used as a well site then the point shall be a well location.

Footage at surface: 989 feet FSL from North or South section line
1178 feet FWL from East or West section line

Latitude: 37.128360 Longitude: -107.601050

PDOP Reading: 2.2 Date of Measurement: 10/21/2013

Instrument Operator's Name: Scott Wiebe

RELATED REMOTE LOCATIONS

(Enter as many Related Locations as necessary. Enter the Form 2A document # only if there is no established COGCC Location ID#)

This proposed Oil and Gas Location is:

LOCATION ID # FORM 2A DOC #



FACILITIES

Indicate the number of each type of oil and gas facility planned on location

Wells	<u>2</u>	Oil Tanks	<u> </u>	Condensate Tanks	<u> </u>	Water Tanks	<u> </u>	Buried Produced Water Vaults	<u> </u>
Drilling Pits	<u> </u>	Production Pits	<u>1</u>	Special Purpose Pits	<u> </u>	Multi-Well Pits	<u> </u>	Temporary Large Volume Above Ground Tanks	<u> </u>
Pump Jacks	<u>2</u>	Separators	<u>2</u>	Injection Pumps	<u> </u>	Cavity Pumps	<u> </u>		
Gas or Diesel Motors	<u>2</u>	Electric Motors	<u> </u>	Electric Generators	<u> </u>	Fuel Tanks	<u> </u>	Gas Compressors	<u> </u>
Dehydrator Units	<u> </u>	Vapor Recovery Unit	<u> </u>	VOC Combustor	<u> </u>	Flare	<u> </u>	LACT Unit	<u> </u>
								Pigging Station	<u> </u>

OTHER FACILITIES

Other Facility Type

Number

<input type="text"/>	<input type="text"/>
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Per Rule 303.b.(3)C, description of all oil, gas, and/or water pipelines:

CONSTRUCTION

Date planned to commence construction: 05/01/2014 Size of disturbed area during construction in acres: 2.62
Estimated date that interim reclamation will begin: 10/01/2014 Size of location after interim reclamation in acres: 2.00
Estimated post-construction ground elevation: 6689

DRILLING PROGRAM

Will a closed loop system be used for drilling fluids: Yes

Is H₂S anticipated? No

Will salt sections be encountered during drilling: No

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

Will oil based drilling fluids be used? No

DRILLING WASTE MANAGEMENT PROGRAM

Drilling Fluids Disposal: OFFSITE Drilling Fluids Disposal Method: Commercial Disposal

Cutting Disposal: OFFSITE Cuttings Disposal Method: Commercial Disposal

Other Disposal Description:

Beneficial reuse or land application plan submitted?

Reuse Facility ID: or Document Number:

Centralized E&P Waste Management Facility ID, if applicable:

SURFACE & MINERALS & RIGHT TO CONSTRUCT

Name: Ben Nighthorse Campbell Phone:

Address: PO Box 639

Fax: _____

Address: _____

Email: _____

City: Ignacio State: CO Zip: 81137

Surface Owner: Fee State Federal Indian

Check all that apply. The Surface Owner: is the mineral owner
 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 from or produced to this Oil and Gas Location: No

The right to construct this Oil and Gas Location is granted by: Surface Use Agreement

Surface damage assurance if no agreement is in place: Blanket Surface Surety ID: 20130097

Date of Rule 306 surface owner consultation 10/25/2013

CURRENT AND FUTURE LAND USE

Current Land Use (Check all that apply):

Crop Land: Irrigated Dry land Improved Pasture Hay Meadow CRP

Non-Crop Land: Rangeland Timber Recreational Other (describe): _____

Subdivided: Industrial Commercial Residential

Future Land Use (Check all that apply):

Crop Land: Irrigated Dry land Improved Pasture Hay Meadow CRP

Non-Crop Land: Rangeland Timber Recreational Other (describe): _____

Subdivided: Industrial Commercial Residential

CULTURAL DISTANCE INFORMATION

Distance to nearest:

Building: 1168 Feet
Building Unit: 1168 Feet
High Occupancy Building Unit: 5280 Feet
Designated Outside Activity Area: 5280 Feet
Public Road: 2376 Feet
Above Ground Utility: 1316 Feet
Railroad: 5280 Feet
Property Line: 116 Feet

INSTRUCTIONS:

- All measurements shall be provided from center of nearest Well or edge of nearest Production Facility to nearest of each cultural feature as described in Rule 303.b.(3)A.
- 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, and Designated Outside Activity Area - 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: _____

SOIL

List all soil map units that occur within the proposed location. attach the National Resource Conservation Service (NRCS) report showing the "Map Unit Description" report listing the soil typical vertical profile. This data is to used when segregating topsoil.

The required information can be obtained from the NRCS web site at <http://soildatamart.nrcs.usda.org/> or from the COGCC web site GIS Online map page found at <http://colorado.gov/cogcc>. Instructions are provided within the COGCC web site help section.

NRCS Map Unit Name: 70: Ustic Torrior Thents - Ustollic Haplargids Complex, 12 to 60
NRCS Map Unit Name: _____
NRCS Map Unit Name: _____

PLANT COMMUNITY:

Complete this section only if any portion of the disturbed area of the location's current land use is on non-crop land.

Are noxious weeds present: Yes No
Plant species from: NRCS or, field observation Date of observation: _____
List individual species: Indian ricegrass, perennial forbs, other perennial grasses, blue grama, sideoats grama, big sagebrush, pinyon, juniper

Check all plant communities that exist in the disturbed area.

- Disturbed Grassland (Cactus, Yucca, Cheatgrass, Rye)
- Native Grassland (Bluestem, Grama, Wheatgrass, Buffalograss, Fescue, Oatgrass, Brome)
- Shrub Land (Mahogany, Oak, Sage, Serviceberry, Chokecherry)
- Plains Riparian (Cottonwood, Willow, Aspen, Maple, Poplar, Russian Olive, Tamarisk)
- Mountain Riparian (Cottonwood, Willow, Blue Spruce)
- Forest Land (Spruce, Fir, Ponderosa Pine, Lodgepole Pine, Juniper, Pinyon, Aspen)
- Wetlands Aquatic (Bullrush, Sedge, Cattail, Arrowhead)
- Alpine (above timberline)
- Other (describe): _____

WATER RESOURCES

Is this a sensitive area: No Yes

Distance to nearest

downgradient surface water feature: 877 Feet

water well: 1116 Feet

Estimated depth to ground water at Oil and Gas Location 50 Feet

Basis for depth to groundwater and sensitive area determination:

Static Water Level in Water Well Located in NWNW S10 T33N R7W

Is the location in a riparian area: No Yes

Was an Army Corps of Engineers Section 404 permit filed No Yes If yes attach permit.

Is the location within a Rule 317B Surface Water Supply Area buffer No zone:

If the location is within a Rule 317B Surface Water Supply Area buffer have all public water supply systems within 15 miles been notified: _____

GROUNDWATER BASELINE SAMPLING AND MONITORING AND WATER WELL SAMPLING

Water well sampling required per Rule 608

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)

RULE 502.b VARIANCE REQUEST

Rule 502.b. Variance Request from COGCC Rule or Spacing Order Number 603.a(2)

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

Two horizontal wells will be drilled from this location, the Campbell 33-7-4 1H and the Campbell 33-7-4 2H, to develop the Fruitland Coal in S4 T33N R7W. Each well will have a pilot hole and two laterals. Reference area photos show where new access road will leave the existing road, and where the access road will enter the new location. There are no improvements within 500'.

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct and complete.
 Signed: _____ Date: 11/08/2013 Email: nredmond@catamountep.com

Print Name: Nolan Redmond Title: Geo. / Eng. Tech

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: _____ Director of COGCC Date: _____

Conditions Of Approval

All representations, stipulations and conditions of approval stated in this Form 2A for this location shall constitute representations, stipulations and conditions of approval for any and all subsequent operations on the location unless this Form 2A is modified by Sundry Notice, Form 4 or an Amended Form 2A.

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

Best Management Practices

<u>No</u>	<u>BMP/COA Type</u>	<u>Description</u>
1	Wildlife	Assuming Current Rig Availability does not change, Catamount will avoid drilling operations from Dec. 1st- April 15th to minimize disturbance during this critical time period to wildlife.
2	Construction	The following BMPs may be employed during the construction phase: Erosion Control: Seeding, mulching, berms, checks dams, grading techniques Sediment Control: Erosion bales, sediment traps, gravel barriers, sediment basins
3	Drilling/Completion Operations	A closed loop system will be used during drilling operations so a pit will be unnecessary. Multiple wells will be drilled from this pad to mitigate surface impacts.
4	Final Reclamation	Equipment will be painted with dull, none reflective paint darker than the adjacent landscape. Noxious weeds will be controlled onsite by herbicide application based upon recommendations from the La Plata County weed control technical. Spraying will be applied by a professional.

Total: 4 comment(s)

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400508494	FORM 2A SUBMITTED
400508569	NRCS MAP UNIT DESC
400508572	ACCESS ROAD MAP
400508573	HYDROLOGY MAP
400508574	LOCATION DRAWING
400508576	CONST. LAYOUT DRAWINGS
400508578	LOCATION DRAWING
400513463	MULTI-WELL PLAN
400513466	VARIANCE REQUEST
400513467	SURFACE AGRMT/SURETY
400513471	REFERENCE AREA PICTURES
400514054	SURFACE AGRMT/SURETY
400514055	LOCATION PICTURES

Total Attach: 13 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	<p>Returned to draft:</p> <ol style="list-style-type: none"> 1) Ref. area photos show access road only. Need comment about location of ref. area. 2) Six related APD's listed? Only 2 wells on facilities tab. 3) Re-name pad? 1H and 2H? 4) Check 502.b variance to Rule 603.a.(1). 	<p>11/19/2013 11:38:01 AM</p>
Permit	<p>Returned to draft.</p> <p>Location photos attachment does not open. Campbell SUA attachment does not open. Attachment marked "Location Drawing" is a pad drawing. Requested drawing or aerial photo showing improvements within 500' or a comment that there are no improvements within 500'. Resolved: Corrected Multi-well plan to show both SHLs and BHLs. Property line exception is addressed with variance request and SUA from Whittle.</p>	<p>11/15/2013 1:45:52 PM</p>
Permit	<p>Location photos are for each well on the pad and are Reference Area Photos. Can't determine if this is the well site or a referenced area. Multi-well plan doesn't show both surface locations and projected BHL on one plat. Propoerty line (116') doesn't meet setback (150') and is not addressed. Form back to draft.</p>	<p>11/12/2013 1:42:35 PM</p>

Total: 3 comment(s)