

**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:

400527866

Date Received:

12/18/2013

**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:

**436008**

Expiration Date:

**02/01/2017**☐ 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 Tank Battery    Number: \_\_\_\_\_

County: LA PLATA

QuarterQuarter: NWNE    Section: 10    Township: 33N    Range: 7W    Meridian: N    Ground Elevation: 6744

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: 1131 feet FNL from North or South section line

2009 feet FEL from East or West section line

Latitude: 37.122470    Longitude: -107.593790

PDOP Reading: 2.0    Date of Measurement: 09/19/2013

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 #**

Production Facilities Location serves Well(s)

400508494

## FACILITIES

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

|                      |                     |                      |                 |   |   |
|----------------------|---------------------|----------------------|-----------------|---|---|
| Wells                | Oil Tanks           | Condensate Tanks     | Water Tanks     | 6 | Buried Produced Water Vaults              |
| Drilling Pits        | Production Pits     | Special Purpose Pits | Multi-Well Pits |   | Temporary Large Volume Above Ground Tanks |
| Pump Jacks           | Separators          | Injection Pumps      | Cavity Pumps    |   |   |
| Gas or Diesel Motors | Electric Motors     | Electric Generators  | Fuel Tanks      |   | Gas Compressors                           |
| Dehydrator Units     | Vapor Recovery Unit | VOC Combustor        | Flare           |   | LACT Unit                                 |
|                      |                     |                      |                 |   | Pigging Station                           |

## OTHER FACILITIES

**Other Facility Type**

**Number**

|  |  |
|--|--|
|  |  |
|--|--|

Per Rule 303.b.(3)C, description of all oil, gas, and/or water pipelines:

3" SDR11 poly pipe to flow produced water from Campbell 33-7-4 1H and Campbell 33-7-4 2H wells.  
2" SCH 40 gas supply line from the Campbell 33-7-4 1H and Campbell 33-7-4 2H wells.

## CONSTRUCTION

Date planned to commence construction: 06/01/2014      Size of disturbed area during construction in acres: 0.37  
Estimated date that interim reclamation will begin: 10/01/2014      Size of location after interim reclamation in acres: 0.37  
Estimated post-construction ground elevation: 6744

## DRILLING PROGRAM

Will a closed loop system be used for drilling fluids: \_\_\_\_\_

Is H<sub>2</sub>S anticipated? \_\_\_\_\_

Will salt sections be encountered during drilling: \_\_\_\_\_

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

Will oil based drilling fluids be used? \_\_\_\_\_

## DRILLING WASTE MANAGEMENT PROGRAM

Drilling Fluids Disposal: \_\_\_\_\_      Drilling Fluids Disposal Method: \_\_\_\_\_

Cutting Disposal: \_\_\_\_\_      Cuttings Disposal Method: \_\_\_\_\_

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: Whittle, Tony Ray Trust

Phone: \_\_\_\_\_

Address: 48 Ptarmigan Lane

Fax: \_\_\_\_\_

Address: \_\_\_\_\_

Email: \_\_\_\_\_

City: Durango State: CO Zip: 81301

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: \_\_\_\_\_ Surface Surety ID: \_\_\_\_\_

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: 1225 Feet  
Building Unit: 1225 Feet  
High Occupancy Building Unit: 5280 Feet  
Designated Outside Activity Area: 5280 Feet  
Public Road: 2533 Feet  
Above Ground Utility: 1430 Feet  
Railroad: 5280 Feet  
Property Line: 141 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 be 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: 76: Witt Loam - 3 to 8 Percent Slopes

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: western wheatgrass, blue grama, misc. perennial grasses, sideoats grama, galleta, sand dropseed, black grama, obtuse panicgrass, misc. shrubs, misc. perennial forbs, fourwing saltbush, plains lovegrass, juniper, pinyon

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: 1087 Feet

water well: 1411 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 N/A

## 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 \_\_\_\_\_

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

This 2A is for a tank battery only and not a well pad. The Campbell Tank Battery will handle the produced water from the proposed Campbell 33-7-4 1H wells and the Campbell 33-7-4 2H wells located in S3 T33N R7W. The reference area is located immediately adjacent to the tank battery pad to the north on undisturbed ground.

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

Signed: \_\_\_\_\_ Date: 12/18/2013 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: Matthew Lee Director of COGCC Date: 2/2/2014

### **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.**

| COA Type | Description  |
|----------|--|
|          | <p>Operator shall pressure test pipelines in accordance with Rule 1101.e.(1) prior to putting into initial service any temporary surface or permanent buried pipelines and following any reconfiguration of the pipeline network. Operator shall notify the COGCC Oil and Gas Location Assessment (OGLA) Specialist for Western Colorado (Dave Kubeczko; email dave.kubeczko@state.co.us) and the COGCC Field Inspection Supervisor for Southwest Colorado (Steve Labowskie; email steve.labowskie@state.co.us) 48 hours prior to testing surface poly/steel or buried poly/steel pipelines.</p> <p>Operator will utilize, to the extent practical, all existing access and other public roads, and/or existing pipeline right-of-ways, when placing/routing the surface pipelines. This will reduce surface disturbance and fragmentation of wildlife habitat in the area.</p>  |
|          | <p>Operator must implement best management practices to contain any unintentional release of fluids, including any fluids conveyed via temporary surface pipelines or buried permanent pipelines.</p> <p>The existing access road will be maintained as to not allow any sediment to migrate from the access road to nearby surface water or any drainages leading to surface water.</p> <p>Strategically apply fugitive dust control measures, including enforcing established speed limits on private roads, to reduce fugitive dust and coating of vegetation and deposition in water sources.</p> <p>The location is in an area of moderate run-on/run-off potential; therefore standard stormwater BMPs must be implemented at this location to insure compliance with CDPHE and COGCC requirements and to prevent any stormwater run-on and /or stormwater run-off.</p> <p>Berms or other containment devices shall be constructed to be sufficiently impervious (preferably corrugated steel with poly liner) to contain any spilled or released material around crude oil, condensate, and produced water storage tanks.</p> <p>All tanks and aboveground vessels containing fluids or chemicals used in the storage and transmission processes and operations must have secondary containment structures (which may include, but is not limited to, double-walled tanks). All secondary containment structures/areas must be lined. Operator must ensure 110 percent secondary containment for the largest structure containing fluids within each bermed area of the facility during operations. The construction and lining of the secondary containment structures/areas shall be supervised by a professional engineer or their agent.</p> <p>Additional containment shall be required where temporary or permanent pumps and other necessary equipment or chemicals are located.</p> <p>Operator will use adequately sized containment devices for all chemicals and/or hazardous materials stored or used on location and the facility shall comply with the operators SPCC Plan.</p> |
|          | <p>Notify the COGCC 48 hours prior to start of tank battery pad construction and start of operations using Form 42 (the appropriate COGCC individuals will automatically be email notified).</p>   |

## **Best Management Practices**

| <b><u>No</u></b> | <b><u>BMP/COA Type</u></b> | <b><u>Description</u></b>  |
|------------------|----------------------------|--|
| 1                | Construction               | The following BMPs may be employed during the construction phase:<br>Erosion Control:<br>Seeding, mulching, berms, checks dams, grading techniques<br>Sediment Control:<br>Erosion bales, sediment traps, gravel barriers, sediment basins   |
| 2                | Final Reclamation          | Equipment will be painted with dull, none reflective paint darker than the adjacent landscape.<br>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: 2 comment(s)

## **Attachment Check List**

| <b><u>Att Doc Num</u></b> | <b><u>Name</u></b>       |
|---------------------------|--------------------------|
| 2106860                   | CORRESPONDENCE           |
| 2518841                   | SURFACE AGREEMENT/SURETY |
| 400527866                 | FORM 2A SUBMITTED        |
| 400527981                 | NRCS MAP UNIT DESC       |
| 400527985                 | ACCESS ROAD MAP          |
| 400527990                 | LOCATION PICTURES        |
| 400527997                 | FACILITY LAYOUT DRAWING  |
| 400528389                 | HYDROLOGY MAP            |
| 400528433                 | LOCATION DRAWING         |

Total Attach: 9 Files



## General Comments

| <u>User Group</u> | <u>Comment</u>  | <u>Comment Date</u>       |
|-------------------|---|---------------------------|
| Permit            | Final review completed; no LGD or public comment received.  | 1/31/2014<br>9:49:42 AM   |
| DOW               | CPW, Operator, and La Plata County and the surface owners conducted an onsite this location on December 16th, 2013. The operator and surface owner agreed to construct the facility outside of Dec 1-April 15 to protect big game winter range. In addition, the surface owner and operator agreed to use a wildlife friendly seed mix during interim and final reclamation (attached).   | 1/10/2014<br>2:24:52 PM   |
| OGLA              | Initiated/Completed OGLA Form 2A review on 01-07-14 by Dave Kubeczko; requested acknowledgement of fluid containment, spill/release BMPs, notification, tank berming, dust control, sediment control access road, chemical storage, and pipeline COAs on permit from operator on 01-07-14; received acknowledgement of COAs from operator on 01-27-14; location was onsite by COGCC, CPW, operator, surface owners, La Plata County on 12-16-13; passed by CPW on 01-10-14 with recommended BMPs provided in CPW comment and discussed onsite; passed OGLA Form 2A review on 01-30-14 by Dave Kubeczko; fluid containment, spill/release BMPs, notification, tank berming, dust control, sediment control access road, chemical storage, and pipeline COAs. | 1/7/2014<br>10:14:59 AM   |
| Permit            | Operator provided SUA with exhibits.  | 12/31/2013<br>10:26:00 AM |
| Permit            | Surface use agreement does not mention section 10. Need additional exhibit to clarify.  | 12/24/2013<br>9:28:39 AM  |
| Permit            | Passed completeness.  | 12/19/2013<br>10:38:02 AM |
| Permit            | Returned to draft:<br>1. Surface Surety ID is incorrect on Surface & Minerals tab.<br>2. Surface Use Agreement is not attached.   | 12/19/2013<br>8:58:06 AM  |

Total: 7 comment(s)