

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:

2090410

Date Received:

04/17/2014

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:

438080

Expiration Date:

07/10/2017

☒ 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: 14855

Name: CENTRAL OPERATING INC

Address: 1600 BROADWAY STE 1050

City: DENVER State: CO Zip: 80202

Contact Information

Name: PATTY BREW

Phone: (303) 894-9476

Fax: (303) 894-0898

email: CENTRALOPERATING@AOL.COM

RECLAMATION FINANCIAL ASSURANCE

☒ Plugging and Abandonment Bond Surety ID: 19690001 ☐ Gas Facility Surety ID: _____

☐ Waste Management Surety ID: _____

LOCATION IDENTIFICATION

Name: FRIEDLY Number: 1-B

County: WASHINGTON

Quarter: SE Section: 4 Township: 2N Range: 51W Meridian: 6 Ground Elevation: 4456

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: 1600 feet FNL from North or South section line

1980 feet FWL from East or West section line

Latitude: 40.172860 Longitude: -103.090190

PDOP Reading: 1.4 Date of Measurement: 05/28/2014

Instrument Operator's Name: TIM LIEBERT

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

OTHER FACILITIES

Other Facility Type

Number

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

The flowline will be one 2" plastic running from the drillsite to the tank battery. We will set the tank battery along the county road, so the distance will be approximately 1900'. It will carry the produced well fluid which will be Oil/water/gas at low pressure (<50 psi).

CONSTRUCTION

Date planned to commence construction: 06/15/2014 Size of disturbed area during construction in acres: 2.00
Estimated date that interim reclamation will begin: 12/01/2014 Size of location after interim reclamation in acres: 0.50
Estimated post-construction ground elevation: 4456

DRILLING PROGRAM

Will a closed loop system be used for drilling fluids: No

Is H₂S anticipated? No

Will salt sections be encountered during drilling: No

Will salt based mud (>15,000 ppm Cl) be used? No

Will oil based drilling fluids be used? No

DRILLING WASTE MANAGEMENT PROGRAM

Drilling Fluids Disposal: ONSITE Drilling Fluids Disposal Method: Land application

Cutting Disposal: ONSITE Cuttings Disposal Method: Other

Other Disposal Description:

BURIAL

Beneficial reuse or land application plan submitted? No

Reuse Facility ID: or Document Number:

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

SURFACE & MINERALS & RIGHT TO CONSTRUCT

Name: AGNAS FRIEDLY

Phone: _____

Address: 41728 CR JJ

Fax: _____

Address: _____

Email: _____

City: AKRON State: CO Zip: 80720

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: Yes

The right to construct this Oil and Gas Location is granted by: oil and gas lease

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

Date of Rule 306 surface owner consultation 02/10/2014

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: 1020 Feet
Building Unit: 1770 Feet
High Occupancy Building Unit: 5280 Feet
Designated Outside Activity Area: 5280 Feet
Public Road: 1600 Feet
Above Ground Utility: 215 Feet
Railroad: 5280 Feet
Property Line: 1040 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: PLATNER LOAM - MAP UNIT 55

NRCS Map Unit Name: SAMPSON LOAM - MAP UNIT 64

NRCS Map Unit Name: PAOLI FINE SANDY LOAM - MAP UNIT 53

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: 01/20/2014

List individual species: _____

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: 500 Feet

water well: 1700 Feet

Estimated depth to ground water at Oil and Gas Location 60 Feet

Basis for depth to groundwater and sensitive area determination:

Location lies within a Designated Groundwater Management Area and Basin and is considered a Sensitive Area.
Depth to Groundwater is based on DWR Permit #90639.

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: No

GROUNDWATER BASELINE SAMPLING AND MONITORING AND WATER WELL SAMPLING

Water well sampling required per Rule 609

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

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

Signed: _____ Date: 02/25/2014 Email: CENTRALOPERATING@AOL.COM

Print Name: PATTY BREW Title: PRESIDENT

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: 7/11/2014

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

	The proposed location is in a sensitive area with a nearby surface water drainage. Containment areas shall be lined with an impervious liner and berms shall be impervious and constructed with structurally stable materials.
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Best Management Practices

No BMP/COA Type

Description

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Attachment Check List

Att Doc Num

Name

2090410	FORM 2A SUBMITTED
2519097	CONSULT NOTICE
2519098	NRCS MAP UNIT DESC.
2519135	ACCESS ROAD MAP
2519137	LOCATION DRAWING
2519138	LOCATION PICTURES
2519139	HYDROLOGY MAP

Total Attach: 7 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
OGLA	Added the statement: Location lies within a Designated Groundwater Management Area and Basin and is considered a Sensitive Area. Added the statement: Depth to Groundwater is based on DWR Permit #90639.	7/11/2014 1:48:55 PM
Permit	Final review completed; no LGD or public comment received.	7/7/2014 9:15:42 AM
Permit	Operator submitted new attachments.	6/23/2014 10:51:02 AM
Permit	Requested 502.b. Variance request. Request letter was incomplete and requested more detail. Operator chose to move the well away from the power line. Waiting on new attachments.	5/29/2014 6:07:16 AM
OGLA	Proposed Location is located approximately 85 feet to the south of an aboveground utility Can not be Passed without request for Variance from Rule 603.a(1). Issue resolved - Operator moved Proposed Location.	5/14/2014 11:24:41 AM
OGLA	Access Road Map issues have been resolved.	5/12/2014 1:56:38 PM
OGLA	Changed nearest aboveground utility to 85 feet from 1500 feet based on the Location Drawing and Google Maps 2013 verification.	5/12/2014 11:18:30 AM
OGLA	Changed Sensitive Area to "Yes" site is located in a Designated Groundwater Basin with a nearby surface water drainage.	5/12/2014 10:29:47 AM
Permit	Operator provided complete lease map and some flow line information. Operator indicates that the tank battery will be offsite. A new form 2A may be required. Discussed with operator. Operator is unsure if the well will produce. One Form 2A will suffice for this circumstance. If the well produces, operator will provide the Lat and Long for the production facility on a Form 4 Sundry and the COGCC will assign it a Facility ID # and relate it to the well Location ID.	5/8/2014 12:07:09 PM
Permit	Access Road Map does not show access road all the way to the wellsite.	5/8/2014 6:54:59 AM

Total: 10 comment(s)