

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:

2363535

Date Received:

07/25/2014

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:

441510

Expiration Date:

04/14/2018

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: 200077
 Name: CHARLES P DUNNING LLC
 Address: PO BOX 1365
 City: FORT MORGAN State: CO Zip: 80701

Contact Information

Name: CHUCK DUNNING
 Phone: (303) 408-2575
 Fax: (970) 5426442
 email: CHUCK.DUNNING@ME.COM

RECLAMATION FINANCIAL ASSURANCE

Plugging and Abandonment Bond Surety ID: 20100141 Gas Facility Surety ID: _____
 Waste Management Surety ID: _____

LOCATION IDENTIFICATION

Name: TY Number: 1
 County: ADAMS
 Quarter: SWNW Section: 34 Township: 3S Range: 58W Meridian: 6 Ground Elevation: 4897

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: 2501 feet FNL from North or South section line
601 feet FWL from East or West section line
 Latitude: 39.747920 Longitude: -103.867850
 PDOP Reading: 2.6 Date of Measurement: 06/25/2012
 Instrument Operator's Name: KEITH WEATFALL

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>1</u>	Oil Tanks	<u>2</u>	Condensate Tanks	<u> </u>	Water Tanks	<u>1</u>	Buried Produced Water Vaults	<u> </u>
Drilling Pits	<u>1</u>	Production Pits	<u> </u>	Special Purpose Pits	<u> </u>	Multi-Well Pits	<u> </u>	Temporary Large Volume Above Ground Tanks	<u> </u>
Pump Jacks	<u>1</u>	Separators	<u>1</u>	Injection Pumps	<u> </u>	Cavity Pumps	<u> </u>		
Gas or Diesel Motors	<u>1</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

<u>Other Facility Type</u>	<u>Number</u>

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

If the well produces, one 3" steel pipeline will run from the wellhead to the separator and two 2" steel pipelines will run from the separator (one to the oil tanks and one to the water tanks).

CONSTRUCTION

Date planned to commence construction: 09/01/2014 Size of disturbed area during construction in acres: 2.00
Estimated date that interim reclamation will begin: 05/01/2015 Size of location after interim reclamation in acres: 0.50
Estimated post-construction ground elevation: 4897

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? No

Will oil based drilling fluids be used? No

DRILLING WASTE MANAGEMENT PROGRAM

Drilling Fluids Disposal: ONSITE Drilling Fluids Disposal Method: Commercial Disposal

Cutting Disposal: ONSITE Cuttings Disposal Method: Drilling pit

Other Disposal Description:

Jolly Platts Production Pits are the commercial facility

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: JOE KALCEVIC

Phone: 303-601-9654

Address: 97380 E HWY 36

Fax: _____

Address: _____

Email: _____

City: DEERTRAIL State: CO Zip: 80105-8604

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 _____

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: 5280 Feet
Building Unit: 5280 Feet
High Occupancy Building Unit: 5280 Feet
Designated Outside Activity Area: 5280 Feet
Public Road: 5105 Feet
Above Ground Utility: 5280 Feet
Railroad: 5280 Feet
Property Line: 5280 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: WILEY-ADENA-RENOHILL COMPLEX, 3-20 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: _____

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, Chokeycherry)
- 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: 407 Feet

water well: 1700 Feet

Estimated depth to ground water at Oil and Gas Location 17 Feet

Basis for depth to groundwater and sensitive area determination:

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 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

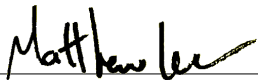
Comments

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

Signed: _____ Date: 07/25/2014 Email: CHUCK.DUNNING@ME.COM

Print Name: CHUCK DUNNING Title: OWNER/OPERATOR

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: 4/15/2015

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>
	Operator shall submit a Form 42 to the COGCC 48 hours prior to the commencement of construction activities.

Best Management Practices

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

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
1009783	LOCATION DRAWING
1009784	ACCESS ROAD MAP
1009786	WELL LOCATION PLAT
1009787	LOCATION PICTURES
2363535	FORM 2A SUBMITTED
2519243	NRCS MAP UNIT DESC

Total Attach: 6 Files

General Comments

User Group	Comment	Comment Date
Permit	Final Review complete. Operator submitted change in SHL to make APD a legal location per Rule 318.a.	4/15/2015 12:28:14 PM
OGLA	Per Operator request - revised Lat/Long on Form to update new Location Per Operator request - attached revised attachments - Hydrology Map, Location Drawing, Access Road Map, Well Plat Map	4/3/2015 1:25:09 PM
Permit	Final review completed; no public comment received. LGD statement is more a COA than a comment.	3/13/2015 5:27:50 AM
Permit	The Ty #1 is ON HOLD per Operator request. Chuck has requested a Commission Hearing regarding the engineering requirements for the surface casing. Push back to IN PROCES based on March 12, 2015 email from Operator agreeing to the required surface casing.	11/19/2014 10:29:30 AM
Permit	Operator verified distance to property line.	9/19/2014 9:06:48 AM
OGLA	Added "If the well produces, one 3" steel pipeline will run from the wellhead to the seperator and two 2" steel pipelines will run from the seperator (one to the oil tanks and one to the water tanks)." per Operator telephone conversation 08/25/2014.	8/25/2014 12:46:51 PM
OGLA	Changed Distance to Nearest Surface Water body to 407 feet based on the COGIS Map and revised Hydrology Map submitted by the Operator - 04/03/2015 Based on the review of the water well data on the COGIS Map, the distance to the nearest water well is approximately 1700 feet to the southwest of the Proposed Location. Changed the distance from 25 feet to 1700 feet - 04/03/2015 Operator reported static water level of 25 feet bgs. This appears to have been obtained from water well DWR Permit #36261, however, this is not the static water level. Changed estimated depth to water to 17 feet bgs based on DWR Permit #22308. Changed Sensitive Area to "Yes" - 10/06/2014	8/20/2014 10:25:30 AM
OGLA	Revised surface disturbance to indicate construction disturbance of 2.0 acres based on the Location Drawing showing a 300' X 300' pad. per Operator telephone concurrence 08/25/2014 Revision of Location did not change the size of the surface disturbance - 04/03/2015	8/20/2014 9:23:54 AM
OGLA	Changed Drilling Fluids Disposal to "Commercial Disposal" per Operator email dated 09/12/2014 Changed Drill Cuttings Disposal to Drilling Pit for consistency with Facilities List. Removed Production Pit per Operator request via telephone 11/05/2014 Back In Process Revising well location per Operator request	8/20/2014 8:58:14 AM
Permit	Dist. to prop. line?	8/14/2014 12:04:26 PM
LGD	This site is served by an existing access point. No new access point is approved by this application. A Gas and Oil Drilling Rig Move permit will be required to move the drilling rig both into and out of this location. Upon completion of the well site and the related pad and facilities, an On-Site Gas and Oil Well Production Facilities Permit will be required. Please contact Mr. Mark Russell at 720-523-6821 for information regarding these permits.	3/6/2014 7:34:57 AM
Permit	Passed completeness. Location pictures attached.	3/1/2014 1:55:06 PM
Permit	Missing Location Pictures. Otherwise ready to pass completeness.	7/31/2014 8:37:57 AM

Total: 13 comment(s)