

FORM
2A

Rev
04/01

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:

2557008

Oil and Gas Location Assessment

New Location Amend Existing Location Location#: _____

Submit original plus one copy. This form is to be submitted to the COGCC prior to any ground disturbance activity associated with oil and gas development operations. This Assessment may be approved as a stand alone application or submitted as an informational report accompanying an Application for Permit-To-Drill, Form 2. Approval of this 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. This form may serve as notice to land owners and other interested parties, please see the COGCC web site at <http://colorado.gov/cogcc/> for all accompanying information pertinent to this Oil and Gas Location Assessment.

Location ID:

417783

Expiration Date:

06/15/2013

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

1. 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.

2. Operator

Operator Number: 24461
 Name: DIVERSIFIED OPERATING CORPORATION
 Address: 15000 W 6TH AVE STE 102
 City: GOLDEN State: CO Zip: 80401

3. Contact Information

Name: BILL WARBURTON
 Phone: (303) 384-9611
 Fax: (303) 384-9612
 email: wlw@doccolo.com

4. Location Identification:

Name: HILLMAN Number: 9-1
 County: WELD
 Quarter: NENE Section: 9 Township: 10N Range: 59W Meridian: 6 Ground Elevation: 5101
 Define a single point as a location reference for the facility location. This point should be used as the point of measurement in the drawings to be submitted with this application. When the location is to be used as a well site then the point shall be a well location.
 Footage at surface: 610 feet, from North or South section line: FNL and 660 feet, from East or West section line: FEL
 Latitude: 40.857180 Longitude: -103.976570 PDOP Reading: 4.3 Date of Measurement: 03/18/2010
 Instrument Operator's Name: ROBERT THOMAS

5. Facilities (Indicate the number of each type of oil and gas facility planned on location):

Special Purpose Pits: Drilling Pits: 1 Wells: 1 Production Pits: 1 Dehydrator Units:
 Condensate Tanks: Water Tanks: 1 Separators: 1 Electric Motors: Multi-Well Pits:
 Gas or Diesel Motors: Cavity Pumps: LACT Unit: Pump Jacks: 1 Pigging Station:
 Electric Generators: Gas Pipeline: 1 Oil Pipeline: 1 Water Pipeline: Flare:
 Gas Compressors: VOC Combustor: 1 Oil Tanks: 2 Fuel Tanks:
 Other: HEATER TREATER FOR OIL CONDITIONING

6. Construction:

Date planned to commence construction: 08/01/2010 Size of disturbed area during construction in acres: 3.00
Estimated date that interim reclamation will begin: 04/01/2011 Size of location after interim reclamation in acres: 2.00
Estimated post-construction ground elevation: 5101 Will a closed loop system be used for drilling fluids: Yes
Will salt sections be encountered during drilling: Yes No X Is H2S anticipated? Yes No
Will salt (>15,000 ppm TDS Cl) or oil based muds be used: Yes No X
Mud disposal: Offsite Onsite X Method: Land Farming Land Spreading Disposal Facility
Other: DRY AND BACKFILL

7. Surface Owner:

Name: Phone:
Address: Fax:
Address: Email:
City: State: Zip: Date of Rule 306 surface owner consultation: 04/16/2010
Surface Owner: X Fee State Federal Indian
Mineral Owner: X Fee State Federal Indian
The surface owner is: X the mineral owner committed to an oil and gas lease
is the executer of the oil and gas lease the applicant
The right to construct the location is granted by: X oil and gas lease Surface Use Agreement Right of Way
applicant is owner
Surface damage assurance if no agreement is in place: \$2000 \$5000 Blanket Surety ID

8. Reclamation Financial Assurance:

X Well Surety ID: 20060057 Gas Facility Surety ID: Waste Mgmt. Surety ID:

9. Cultural:

Is the location in a high density area (Rule 603.b.): Yes No X
Distance, in feet, to nearest building: 5280 , public road: 800 , above ground utilit: 5280
, railroad: 5280 , property line: 610

10. Current Land Use (Check all that apply):

Crop Land: Irrigated Dry land Improved Pasture Hay Meadow CRP
Non-Crop Land: X Rangeland Timber Recreational Other (describe):
Subdivided: Industrial Commercial Residential

11. Future Land Use (Check all that apply):

Crop Land: Irrigated Dry land Improved Pasture Hay Meadow CRP
Non-Crop Land: X Rangeland Timber Recreational Other (describe):
Subdivided: Industrial Commercial Residential

12. Soils:

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.gov/> 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: BUSHMAN FINE SANDY LOAM 0 TO 3% SLOPES

NRCS Map Unit Name: _____

NRCS Map Unit Name: _____

13. 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 (Bluestern, 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): _____

14. Water Resources:

Rule 901.e. may require a sensitive area determination be performed. If this determination is performed the data is to be submitted with the Form 2A.

Is this a sensitive area: No Yes Was a Rule 901.e. Sensitive Areas Determination performed: No Yes

Distance (in feet) to nearest surface water: 7300, water well: 5200, depth to ground water: 120

Is the location in a riparian area: No Yes Was an Army Corps of Engineers Section 404 permit filed No Yes

Is the location within a Rule 317B Surface Water Suppl Area buffer zone:

No 0-300 ft. zone 301-500 ft. zone 501-2640 ft. 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 Yes

15. Comments:

REISBURG SPRING IS NEAREST SURFACE WATER LOCATED IN NENE SEC 15 T10N R59W. THIS IS APPROXIMATELY 7300 FEET FROM THE LOCATION. BUILDINGS AND WATER WELL, PERMIT #116898 ARE LOCATED IN THE NWNW SEC 15 T10N R59W APPROXIMATELY 5280 FEET FROM THE LOCATION. COMMENT: "no visible improvements" ON LOCATION DRAWING

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

Signed: _____ Date: 04/21/2010 Email: wlw@doccolo.com

Print Name: BILL WARBURTON Title: ENGINEERING

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: _____

David S. Neslin

Director of COGCC

Date: 6/16/2010

CONDITIONS OF APPROVAL, IF ANY:

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.

Attachment Check List

Att Doc Num	Name	Doc Description
2553220	ACCESS ROAD MAP	LF@2460037 2553220
2553221	HYDROLOGY MAP	LF@2460038 2553221
2557008	FORM 2A	LF@2456658 2557008
2557009	LOCATION PICTURES	LF@2456674 2557009
2557010	WELL LOCATION PLAT	LF@2456659 2557010
2557011	HYDROLOGY MAP	LF@2456675 2557011
2557012	ACCESS ROAD MAP	LF@2456660 2557012
2557013	LOCATION DRAWING	LF@2456661 2557013
2557014	REFERENCE AREA MAP	LF@2456662 2557014
2557015	REFERENCE AREA MAP	LF@2456676 2557015
2557016	NRCS MAP UNIT DESC	LF@2456663 2557016
2557017	CONST. LAYOUT DRAWINGS	LF@2456664 2557017
2557018	PROPOSED BMPs	LF@2456665 2557018

Total Attach: 13 Files