

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:

400047373

Oil and Gas Location Assessment

☐ New Location ☒ Amend Existing Location Location#: 311419

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:

311419

Expiration Date:

06/10/2013

☒ 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: 19170

Name: CONQUEST OIL COMPANY

Address: 8207 W 20TH STREET - SUITE B

City: GREELEY State: CO Zip: 80634

3. Contact Information

Name: ANDY PETERSON

Phone: (970) 669-7411

Fax: (970) 669-4077

email: andy.peterson@petersonenergy.com

4. Location Identification:

Name: GERALDINE Number: 32-1A

County: WELD

QuarterQuarter: NWNW Section: 32 Township: 4N Range: 65W Meridian: 6 Ground Elevation: 4894

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: 826 feet, from North or South section line: FNL and 739 feet, from East or West section line: FWL

Latitude: 40.273900 Longitude: -104.693970 PDOP Reading: 1.4 Date of Measurement: 05/24/2010

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

Special Purpose Pits: <input type="checkbox"/>	Drilling Pits: <input type="checkbox"/>	Wells: <input type="checkbox"/>	Production Pits: <input type="checkbox"/>	Dehydrator Units: <input type="checkbox"/>
Condensate Tanks: <input type="checkbox"/>	Water Tanks: <input type="checkbox"/>	Separators: <input type="checkbox"/>	Electric Motors: <input type="checkbox"/>	Multi-Well Pits: <input type="checkbox"/>
Gas or Diesel Motors: <input type="checkbox"/>	Cavity Pumps: <input type="checkbox"/>	LACT Unit: <input type="checkbox"/>	Pump Jacks: <input type="checkbox"/>	Pigging Station: <input type="checkbox"/>
Electric Generators: <input type="checkbox"/>	Gas Pipeline: <input type="checkbox"/>	Oil Pipeline: <input type="checkbox"/>	Water Pipeline: <input type="checkbox"/>	Flare: <input type="checkbox"/>
Gas Compressors: <input type="checkbox"/>	VOC Combustor: <input type="checkbox"/>	Oil Tanks: <input type="checkbox"/>	Fuel Tanks: <input type="checkbox"/>	

Other: FLOWLINE FROM CONQUEST'S INJECTION FACILITY TO THE NORTHWEST.

6. Construction:

Date planned to commence construction: 06/01/2010 Size of disturbed area during construction in acres: 1.00
Estimated date that interim reclamation will begin: 06/30/2010 Size of location after interim reclamation in acres: 0.50
Estimated post-construction ground elevation: 4901 Will a closed loop system be used for drilling fluids: Yes ☐
Will salt sections be encountered during drilling: Yes ☐ No ☒ Is H2S anticipated? Yes ☐ No ☒
Will salt (>15,000 ppm TDS Cl) or oil based muds be used: Yes ☐ No ☒
Mud disposal: Offsite ☒ Onsite ☐ Method: Land Farming ☐ Land Spreading ☒ Disposal Facility ☐
Other: _____

7. Surface Owner:

Name: _____ Phone: _____
Address: _____ Fax: _____
Address: _____ Email: _____
City: _____ State: _____ Zip: _____ Date of Rule 306 surface owner consultation: _____
Surface Owner: ☒ Fee ☐ State ☐ Federal ☐ Indian
Mineral Owner: ☒ Fee ☐ State ☐ Federal ☐ Indian
The surface owner is: ☐ 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: ☐ 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:

☒ Well Surety ID: 20030070 ☐ Gas Facility Surety ID: _____ ☐ Waste Mgnt. Surety ID: _____

9. Cultural:

Is the location in a high density area (Rule 603.b.): Yes ☐ No ☒
Distance, in feet, to nearest building: 208, public road: 801, above ground utilit: 206
, railroad: 19272, property line: 84

10. 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

11. 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

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: OLNEY FINE SANDY LOAM 3 TO 5 PERCENT SLOPES

NRCS Map Unit Name: VALENT SAND 3 TO 9 PERCENT SLOPES

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: 1344, water well: 535, depth to ground water: 77

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 Supply 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:

Static water level from well permit #6590. Domestic water well permit #6590A located 606 feet away based on footages given in water well data (675FNL 225FWL). This water well appears to be replacement for water well permit 6590. CONQUEST OIL (MARCUM MIDSTREAM) IS THE APPLICANT AND CONSULTATION HAS BEEN WAIVED. INJECTION WELL FORM 31 & 33 HAVE BEEN MAILED ALONG WITH A COPY OF THIS FORM 2A AND THE ASSOCIATED FORM 2, TO DENISE ONYSKIW AT THE OIL AND GAS COMMISSION PER HER INSTRUCTIONS. THE RULE 603.a(2) EXCEPTION LOCATION IS 84' FROM THE PROPERTY LINE, AND THE APPROPRIATE LETTERS (REQUEST AND WAIVER) ARE ATTACHED. ACCESS ROAD TO SITE IS EXISTING.

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

Signed: _____ Date: 04/22/2010 Email: andy.peterson@petersonenergy.com

Print Name: ANDY PETERSON Title: CONSULTANT

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

David S. Neshin

COGCC Approved: _____

Director of COGCC

Date: 6/11/2010

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.

Location is in a sensitive area because of proximity to a domestic water well; therefore either a lined drilling pit or closed loop system is required

Attachment Check List

Att Doc Num	Name	Doc Description
2613037	CORRESPONDENCE	LF@2478167 2613037
2613038	CORRESPONDENCE	LF@2478168 2613038
2613080	ACCESS ROAD MAP	LF@2486737 2613080
2613081	LOCATION DRAWING	LF@2486738 2613081
2613082	HYDROLOGY MAP	LF@2486739 2613082
2613083	LOCATION PICTURES	LF@2487751 2613083
2613084	OTHER	LF@2487731 2613084
2613091	CORRESPONDENCE	LF@2488541 2613091
400047373	FORM 2A SUBMITTED	LF@2457602 400047373
400055086	NRCS MAP UNIT DESC	LF@2457603 400055086
400055087	LOCATION DRAWING	LF@2457604 400055087
400055089	HYDROLOGY MAP	LF@2457605 400055089
400055090	LOCATION PICTURES	LF@2457606 400055090
400056716	WAIVERS	LF@2457607 400056716
400057430	OTHER	LF@2457608 400057430
400057760	EXCEPTION LOC REQUEST	LF@2457609 400057760
400057761	EXCEPTION LOC WAIVERS	LF@2457610 400057761
400057763	ACCESS ROAD MAP	LF@2457611 400057763

Total Attach: 18 Files