

FORM
2A

Rev
04/01

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:

400378309

Date Received:

03/25/2013

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 standalone 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:

433830

Expiration Date:

08/09/2016

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: 10449
 Name: TRITON ENERGY SERVICES LLC
 Address: 301 EAST BOARDWALK DR #273180
 City: FORT COLLINS State: CO Zip: 80525

3. Contact Information

Name: TAYLOR HENRICKS
 Phone: (719) 331-3941
 Fax: ()
 email: taylor@tritonenergyservices.com

4. Location Identification:

Name: TRITON Number: 2
 County: WELD
 Quarter: SWSE Section: 35 Township: 6N Range: 65W Meridian: 6 Ground Elevation: 4654

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: 1164 feet FSL, from North or South section line, and 2044 feet FEL, from East or West section line.
 Latitude: 40.438300 Longitude: -104.628000 PDOP Reading: 2.5 Date of Measurement: 01/05/2013
 Instrument Operator's Name: GARY HAMMER

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" value="1"/>	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" value="1"/>	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: On-site commercial disposal injection facility.

6. Construction:

Date planned to commence construction: 08/01/2013 Size of disturbed area during construction in acres: 2.81
Estimated date that interim reclamation will begin: 11/01/2013 Size of location after interim reclamation in acres: 1.00
Estimated post-construction ground elevation: 4654 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: 03/12/2013
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: 20130006 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: 1400, public road: 1185, above ground utility: 1240,
railroad: 18000, property line: 160

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 be 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: NUNN LOAM, 0 TO 1 PERCENT SLOPES

NRCS Map Unit Name: OTERO SAND LOAM, 1 TO 3 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 (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): _____

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: 382, water well: 790, depth to ground water: 15

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:

The Triton #2 is a commerical disposal well. There is no mineral lease because there are no minerals associated with this well. Ground water levels determined from the water well (Permit# 8523-R-) 790 feet to the north of the proposed well location. Static water level in this water well is 21' below surface so, adjusting for an elevation difference of ~6', the static water level below the location is 15'. As a result, the location has been deemed a sensitive area. FAA determination letter attached.

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

Signed: _____ Date: 03/25/2013 Email: taylor@tritonenergyservices.com

Print Name: TAYLOR HENRICKS Title: PROJECT MANAGER

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: 8/10/2013

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.

COA Type

Description

	Upon determination of the capacity of the injection well, the Operator shall submit a Form 4 Sundry Notice to the COGCC that includes an inventory of major equipment to be used on the location
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Attachment Check List

Att Doc Num

Name

2114001	WASTE MANAGEMENT PLAN
2614298	LOCATION DRAWING
400378309	FORM 2A SUBMITTED
400392656	OTHER
400392657	NRCS MAP UNIT DESC
400392658	HYDROLOGY MAP
400392659	LOCATION DRAWING
400392660	LOCATION PICTURES
400392670	ACCESS ROAD MAP
400394601	SURFACE AGRMT/SURETY

Total Attach: 10 Files

General Comments

User Group

Comment

Comment Date

Permit	Forms 31 and 33 received today.	7/22/2013 8:39:55 AM
OGLA	Operator acknowledged COA for facility equipment; ready for final review	5/13/2013 1:54:07 PM
Final Review	ON HOLD - Facilities list does not include tanks, pumps, or separation equipment.	5/10/2013 8:07:15 AM
OGLA	Attached a second Layout Drawing showing a conceptual site plan for the injection facility. The Waste Management Plan addresses some wastes that may not be generated at this location. The operator indicates their understanding to submit an additional Sundry Notice if drill cuttings will be land applied. OGLA review complete	4/30/2013 3:40:31 PM
Permit	Waste Management Plan attached. WO forms 31 and 33.	4/4/2013 7:50:36 AM
Permit	Requested Waste Management Plan. Otherwise, ready to pass pending public comment.	4/3/2013 8:53:47 AM
Permit	Operator corrected surface and minerals. This form has passed completeness.	3/26/2013 2:30:53 PM
Permit	Returned to draft. Requested surface and minerals information.	3/26/2013 10:44:27 AM

Total: 8 comment(s)

Best Management Practices

No BMP/COA Type

Description

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