

**FORM
2A**Rev
04/01**State of Colorado
Oil and Gas Conservation Commission**

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Document Number:

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Date Received:

01/08/2013

Oil and Gas Location Assessment☐ New Location☒ Amend Existing Location Location#: 319066

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:

319066

Expiration Date:

02/11/2016☒ 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. OperatorOperator Number: 39560Name: TOP OPERATING COMPANYAddress: 10881 ASBURY AVE STE 230City: LAKEWOOD State: CO Zip: 80227**3. Contact Information**Name: Paul HerringPhone: (720) 6631698Fax: (303) 727-9925email: paul.herring@topoperating.com**4. Location Identification:**Name: RunyanNumber: 1County: WELDQuarterQuarter: SESE Section: 17 Township: 3N Range: 68W Meridian: 6 Ground Elevation: 5046

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: 905 feet FSL, from North or South section line, and 1201 feet FEL, from East or West section line.Latitude: 40.220980 Longitude: -105.021610 PDOP Reading: 2.4 Date of Measurement: 11/14/2012Instrument Operator's Name: Adam Kelley**5. Facilities (Indicate the number of each type of oil and gas facility planned on location):**

Special Purpose Pits: <input type="text" value="0"/>	Drilling Pits: <input type="text" value="0"/>	Wells: <input type="text" value="8"/>	Production Pits: <input type="text" value="0"/>	Dehydrator Units: <input type="text" value="0"/>
Condensate Tanks: <input type="text" value="0"/>	Water Tanks: <input type="text" value="2"/>	Separators: <input type="text" value="4"/>	Electric Motors: <input type="text" value="0"/>	Multi-Well Pits: <input type="text" value="0"/>
Gas or Diesel Motors: <input type="text" value="0"/>	Cavity Pumps: <input type="text" value="0"/>	LACT Unit: <input type="text" value="0"/>	Pump Jacks: <input type="text" value="0"/>	Pigging Station: <input type="text" value="0"/>
Electric Generators: <input type="text" value="0"/>	Gas Pipeline: <input type="text" value="0"/>	Oil Pipeline: <input type="text" value="0"/>	Water Pipeline: <input type="text" value="0"/>	Flare: <input type="text" value="0"/>
Gas Compressors: <input type="text" value="0"/>	VOC Combustor: <input type="text" value="2"/>	Oil Tanks: <input type="text" value="4"/>	Fuel Tanks: <input type="text" value="0"/>	
Other: _____				

6. Construction:

Date planned to commence construction: 02/11/2013 Size of disturbed area during construction in acres: 3.50
Estimated date that interim reclamation will begin: 05/10/2013 Size of location after interim reclamation in acres: 1.00
Estimated post-construction ground elevation: 5046 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: 09/19/2012
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: 19860025 ☐ 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: 330, public road: 897, above ground utility: 1223,
railroad: 4100, property line: 131

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: 42 Nunn clay loam, 1 to 3 percent 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 (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: 194, water well: 4260, depth to ground water: 30
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:

TOP Operating Co. will employ Best Management Practices to control storm water during construction which may include silt fences, riprap and soil retention measures. Practices will be determined based on the time that the location is made, considering potential weather conditions. TOP will also work with the surface owner in determining and implementing these measures. The existing Runyan 1 well is used as the reference well for the location. The Surface Use Agreement is attached to this form. The closest building (out building) is a barn.

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

Signed: _____ Date: 01/08/2013 Email: paul.herring@topoperating.com

Print Name: Paul Herring Title: Landman

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: Matthew Lee Director of COGCC Date: 2/12/2013

**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.

Attachment Check List

Att Doc Num	Name
1695482	LOCATION PICTURES
1695484	REFERENCE AREA PICTURES
400364635	FORM 2A SUBMITTED
400365342	ACCESS ROAD MAP
400365343	MULTI-WELL PLAN
400365344	NRCS MAP UNIT DESC
400365345	HYDROLOGY MAP
400365346	WASTE MANAGEMENT PLAN
400365386	EXCEPTION LOC REQUEST
400367462	SURFACE AGRMT/SURETY
400371280	LOCATION DRAWING
400372575	EXCEPTION LOC WAIVERS

Total Attach: 12 Files

General Comments

User Group	Comment	Comment Date
Permit	Final Review Completed. No LGD or public comment received.	2/12/2013 11:44:42 AM
Permit	Operator submitted As-Built for reference well 123-10614 Runyan 1. Matches lat/longs for form 2A. ok to pass.	2/6/2013 9:40:43 AM
Permit	ON HOLD: lat/longs don't match reference wells. Requesting Sundry Notice to correct. Location drawing separated into Location Drawing, Location Pic, reference pic and attached.	2/4/2013 10:47:57 AM
OGLA	Reviewed 1/31/2013.	1/31/2013 12:59:52 PM
Permit	Well location appears to be different than the 2A location.	1/22/2013 3:04:25 PM
Permit	Returned to draft. Surface owner is mineral owner box not checked. SUA is cited, but not attached or referenced in a comment. Exception location waiver not signed.	1/9/2013 10:52:31 AM

Total: 6 comment(s)

BMP

Type	Comment

Total: 0 comment(s)