

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

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



DE ET OE ES

Document Number:

2584091

Oil and Gas Location Assessment☐ New Location ☒ Amend Existing Location Location#: 336191

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:

336191

Expiration Date:

09/22/2013☒ 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: 39560

Name: TOP OPERATING COMPANY

Address: 10881 ASBURY AVE STE 230

City: LAKEWOOD State: CO Zip: 80227

3. Contact Information

Name: MURRAY J. HERRING

Phone: (303) 727-9915

Fax: (303) 727-9925

email: TOPOPRTNG@AOL.COM

4. Location Identification:

Name: MAY JON Number: 24 5D 4

County: WELD

Quarter: SWSW Section: 5 Township: 2N Range: 68W Meridian: 6 Ground Elevation: 4930

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: 458 feet, from North or South section line: FSL and 620 feet, from East or West section line: FWL

Latitude: 40.161920 Longitude: -105.034400 PDOP Reading: 6.0 Date of Measurement: 04/04/2008

Instrument Operator's Name: BILL ADSIT

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

Special Purpose Pits: <input type="text"/>	Drilling Pits: <input type="text" value="0"/>	Wells: <input type="text" value="5"/>	Production Pits: <input type="text"/>	Dehydrator Units: <input type="text"/>
Condensate Tanks: <input type="text"/>	Water Tanks: <input type="text" value="1"/>	Separators: <input type="text" value="2"/>	Electric Motors: <input type="text"/>	Multi-Well Pits: <input type="text"/>
Gas or Diesel Motors: <input type="text"/>	Cavity Pumps: <input type="text"/>	LACT Unit: <input type="text"/>	Pump Jacks: <input type="text"/>	Pigging Station: <input type="text"/>
Electric Generators: <input type="text"/>	Gas Pipeline: <input type="text" value="1"/>	Oil Pipeline: <input type="text"/>	Water Pipeline: <input type="text"/>	Flare: <input type="text" value="1"/>
Gas Compressors: <input type="text"/>	VOC Combustor: <input type="text" value="1"/>	Oil Tanks: <input type="text" value="2"/>	Fuel Tanks: <input type="text"/>	

Other: _____

6. Construction:

Date planned to commence construction: 09/24/2010 Size of disturbed area during construction in acres: 10.00
Estimated date that interim reclamation will begin: 10/24/2010 Size of location after interim reclamation in acres: 0.90
Estimated post-construction ground elevation: 4931 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: 03/05/2008
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: 429, public road: 478, above ground utilit: 432
, railroad: 2255, property line: 458

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: SHEET NO. 20 LONGMONT QUAD. (NUNN FORMATION).

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: 08/12/2010

List individual species: NONE ALL VEGETATION IS REMOVED.

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): WELL LOCATION IS ON A PRODUCTION PAD COVERED WITH 8"-12" OF ROAD BASE.

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: 1580, water well: 1320, depth to ground water: 5

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. IS THE MINERAL OWNER OF THE EAST HALF OF THE SW/4 OF SEC. 5 T2N R68W. THE PROPERTY OWNER ON THE WEST SIDE OF THE LOCATION IS THE SAME ENTITY AS THE OWNER OF THE LOCATION WHERE THE WELL IS BEING DRILLED. SURFACE USE AGREEMENT IS IN PLACE. Top Operating Company requests approval of a Rule 603.a.(2) exception location: Wellhead is to be located less than 150' from a property line.

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

Signed: _____ Date: 08/16/2010 Email: TOPOPRTING@AOL.COM

Print Name: MURRAY J. HERRING Title: VICE PRESIDENT

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. Neslin

COGCC Approved: _____

Director of COGCC

Date: 9/23/2010

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
2584091	FORM 2A	LF@2533413 2584091
2584092	LOCATION PICTURES	LF@2533108 2584092
2584093	LOCATION PICTURES	LF@2533109 2584093
2584094	LOCATION PICTURES	LF@2533110 2584094
2584095	LOCATION PICTURES	LF@2533111 2584095
2584096	LOCATION DRAWING	LF@2533112 2584096
2584097	ACCESS ROAD MAP	LF@2533113 2584097
2584098	PROPOSED BMPs	LF@2533119 2584098
2584099	30 DAY NOTICE LETTER	LF@2533120 2584099
2584100	EXCEPTION LOC REQUEST	LF@2533121 2584100
2584101	EXCEPTION LOC WAIVERS	LF@2533122 2584101
2584104	OTHER	LF@2533107 2584104
400089986	HYDROLOGY MAP	LF@2535246 400089986

Total Attach: 13 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Location is in a high density area. Location meets all high density set-backs and does not require consultation. PVG	9/23/2010 12:21:36 PM
OGLA	Changed to closed loop system "yes" and deleted drilling pit.	9/23/2010 11:42:49 AM
Permit	Opr-Murray sent Hydrology map.	9/2/2010 12:48:56 PM
Permit	Needs Hydrology Map, Plugging Bond added w/Opr-Murray's permission. Surface Owner is Fee (was missing on submittal)	8/31/2010 1:58:36 PM

Total: 4 comment(s)

Error: Subreport could not be shown.