

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:

400424448

Date Received:

06/03/2013

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:

436333

Expiration Date:

03/07/2017

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: 10354
 Name: DAKOTA EXPLORATION LLC
 Address: 8801 S. YALE AVENUE, SUITE 120
 City: TULSA State: OK Zip: 74137

3. Contact Information

Name: Jake Cinnamon
 Phone: (918) 8068687
 Fax: (918) 8068688
 email: jcinnamon@dakotaexploration.com

4. Location Identification:

Name: Smock Number: 1-2-11-59H
 County: WELD
 Quarter: SWSW Section: 2 Township: 11N Range: 59W Meridian: 6 Ground Elevation: 5372

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: 350 feet FSL, from North or South section line, and 625 feet FWL, from East or West section line.
 Latitude: 40.947030 Longitude: -103.950850 PDOP Reading: 1.6 Date of Measurement: 05/29/2013
 Instrument Operator's Name: Craig Burke

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"/> <u>1</u>	Wells: <input type="checkbox"/> <u>1</u>	Production Pits: <input type="checkbox"/>	Dehydrator Units: <input type="checkbox"/> <u>1</u>
Condensate Tanks: <input type="checkbox"/>	Water Tanks: <input type="checkbox"/> <u>2</u>	Separators: <input type="checkbox"/> <u>1</u>	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"/> <u>1</u>	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"/> <u>1</u>
Gas Compressors: <input type="checkbox"/>	VOC Combustor: <input type="checkbox"/>	Oil Tanks: <input type="checkbox"/> <u>2</u>	Fuel Tanks: <input type="checkbox"/>	

Other: _____

6. Construction:

Date planned to commence construction: 03/01/2014 Size of disturbed area during construction in acres: 3.00
Estimated date that interim reclamation will begin: 09/01/2014 Size of location after interim reclamation in acres: 1.00
Estimated post-construction ground elevation: 5372 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: Leon & Geraldine Highland Phone: 9704375799
Address: 62205 WCR 130 Fax: _____
Address: _____ Email: _____
City: New Raymer State: CO Zip: 80742 Date of Rule 306 surface owner consultation: 06/29/2013

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: 20110078 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: 4985, public road: 4620, above ground utility: 4605,
railroad: 5280, property line: 625

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: 70: Ustic Torriorthents Rock Outcrop Complex, 9 to 40% slopes
 NRCS Map Unit Name: 61: Stoneham fine sandy loam, 0 to 6% slopes
 NRCS Map Unit Name: 58: Rosebud fine sandy loam, 0 to 6 percent slopes

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: 4351, water well: 5171, depth to ground water: 188
 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 closest water well to the location is plugged. Closest existing water well to location is permit # 32190- - located SESE Sec. 10 T11N R59W, Sixth approximately 5171' from the location reference point. This well has a reported static water level of 87', which corrected for the elevation difference is 188' at location. This is what has been reported above.

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct and complete.
 Signed: _____ Date: 06/03/2013 Email: pcollins@dakotaexploration.com
 Print Name: Paul Collins Title: Managing Member

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: 3/8/2014

**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.

Description

Operator shall submit Reference Area Pictures, taken during the 2014 growing season, via a Form 4 Sundry Notice by December 31, 2014.

Attachment Check List

Att Doc Num	Name
1667835	CORRESPONDENCE
1668162	REFERENCE AREA MAP
1668163	CORRESPONDENCE
1668164	CORRESPONDENCE
400424448	FORM 2A SUBMITTED
400426317	WASTE MANAGEMENT PLAN
400427595	LOCATION PICTURES
400427596	ACCESS ROAD MAP
400427597	HYDROLOGY MAP
400427598	LOCATION DRAWING
400427599	TOPO MAP
400427763	NRCS MAP UNIT DESC

Total Attach: 12 Files

General Comments

User Group	Comment	Comment Date
Permit	Revised dates of construction & interim rec. No LGD or public comments. Final Review--passed.	3/6/2014 8:19:05 AM
OGLA	Operator submitted a Reference Area Map. No Public Comments. OGLA task passed.	3/5/2014 10:00:34 AM
Permit	OGLA emailed oper. requesting missing info to complete 2A be submitted by 12/6/13 or this application and related APD will be withdrawn.	11/6/2013 10:06:51 AM
OGLA	Requesting additional information from the Operator.	8/5/2013 10:26:27 AM
Permit	Initial review complete. Form 2 and 2A compared.	6/11/2013 10:45:09 AM
Permit	Operator submitted hearing application for July hearing. This form has passed completeness.	3/5/2013 2:34:51 PM
Permit	Returned to draft. Requested information on submittal of a proposed spacing order.	3/4/2013 9:32:34 AM

Total: 7 comment(s)

Best Management Practices

No	BMP/COA Type	Description