

**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:

400084933

Oil and Gas Location Assessment☐ New Location ☒ Amend Existing Location Location#: 324761

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:

324761

Expiration Date:

☐ 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: 95245

Name: WELLSTAR CORPORATION

Address: 11990 GRANT ST STE 550

City: NORTHGLENN State: CO Zip: 80233

3. Contact Information

Name: Terry L. Hoffman

Phone: (303) 250-0619

Fax: (303) 412-8212

email: tlhoffman@q.com

**4. Location
Identification:**

Name: Bush Draw Federal Number: 10-2

County: JACKSON

QuarterQuarter: SENE Section: 10 Township: 8N Range: 78W Meridian: 6 Ground Elevation: 8231

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: 1870 feet, from North or South section line: FNL and 720 feet, from East or West section line: FEL

Latitude: 40.680273 Longitude: -106.125389 PDOP Reading: 1.2 Date of Measurement: 04/06/2009

Instrument Operator's Name: Scott Vernon

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

Other: _____

6. Construction:

Date planned to commence construction: 09/01/2010 Size of disturbed area during construction in acres: 0.96
Estimated date that interim reclamation will begin: 03/01/2011 Size of location after interim reclamation in acres: 1.57
Estimated post-construction ground elevation: 8231 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: BLM (Little Snake Field) Phone: 970-826-5000
Address: 455 Emerson St. Fax: 970-826-5002
Address: _____ Email: LSFO_webmail@blm.gov
City: Craig State: CO Zip: 81625 Date of Rule 306 surface owner consultation: 07/13/2010
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: 20100004 ☐ Gas Facility Surety ID: _____ ☐ Waste Mgmt. Surety ID: _____

9. Cultural:

Is the location in a high density area (Rule 603.b.): Yes ☐ No ☒
Distance, in feet, to nearest building: 5280, public road: 845, above ground utilit: 5280
, railroad: 5280, property line: 1900

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: (Ab): Aaberg-Barishman association

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: Alkali Sagebrush, Big Sagebrush, Western Wheatgrass, Achnatherum Pinetorum,

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: 260, water well: 1960, depth to ground water: 36

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:

2A is being submitted for previously permitted Bush Draw Federal 10-2 (API #057-06476-01, appv'd 12/11/10) due to a change in the drilling plans from vertical to horizontal, resulting in the need to increase the pad size from 1.38 acres to 2.34 acres. Operator is requesting that this 2A be expedited to ensure that the construction to expand the pad for a larger rig is completed before inclement weather approaches and be fully constructed when rig becomes available as early as September. See attached doc #400084946 for expansion details. Rule 306 Consultation date refers to date BLM approved the pad expansion (see attached BLM Sundry). All measurements 5280' are one mile or greater. The closest water well is Permit #116467 but does not report a Static Water Level. Next closest water well also does not report a Static Water Level. Water well Permit #227323 at 4070' from well reports a Static Water Level of 36'. Reference Area Photos will be submitted at a later date.

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

Signed: _____ Date: _____ Email: tlhoffman@q.com

Print Name: Terry L. Hoffman Title: Permit Agent

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: _____

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
400084946	OTHER	BDF #10-2 Pad Expansion w drainage on it.pdf
400084961	PROPOSED BMPs	Bush Draw Federal #10-2 BMPs.pdf
400085297	NRCS MAP UNIT DESC	Bush Draw Federal #10-2 Map Unit Description.pdf
400085952	FED. SUNDRY NOTICE	BDF #10-2 BLM Sundry for Pad Expansion approved 7_13_2010.pdf
400086439	OTHER	BDF 10-2 Horizontal APD appv'd.pdf
400086477	ACCESS ROAD MAP	BDF 10-2 Form 2A Access Road Map.pdf
400086479	HYDROLOGY MAP	BDF 10-2 Form 2A Hydrology Map.pdf
400087976	LOCATION PICTURES	BDF 10-2 updated Location Photos for pad expansion.pdf
400087992	REFERENCE AREA MAP	BDF 10-2 Reference Area Map.pdf
400087993	LOCATION DRAWING	BDF 10-2 Form 2A Location Drawing.pdf

Total Attach: 10 Files