

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:

400337193

Date Received:

11/13/2012

Oil and Gas Location Assessment

☐ New Location

☒ Amend Existing Location Location#: 317374

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:

317374

Expiration Date:

04/03/2016

☐ 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: 70385

Name: SMITH ENERGY CORP

Address: 12706 SHILOH RD

City: GREELEY State: CO Zip: 80631

3. Contact Information

Name: Chris Smith

Phone: (303) 7096157

Fax: (970) 3302998

email: smithenergy@live.com

4. Location Identification:

Name: Hickert

Number: 41C-18349

County: WASHINGTON

QuarterQuarter: NENE Section: 18 Township: 3S Range: 49W Meridian: 6 Ground Elevation: 4555

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: 780 feet FNL, from North or South section line, and 740 feet FEL, from East or West section line.

Latitude: 39.798500 Longitude: -102.898806 PDOP Reading: 2.4 Date of Measurement: 11/06/2010

Instrument Operator's Name: Bob McCormick

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"/> 1	Production Pits: <input type="checkbox"/> 1	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"/>	Pigging Station: <input type="checkbox"/>
Electric Generators: <input type="checkbox"/>	Gas Pipeline: <input type="checkbox"/> 1	Oil Pipeline: <input type="checkbox"/>	Water Pipeline: <input type="checkbox"/>	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: _____

6. Construction:

Date planned to commence construction: 12/10/2012 Size of disturbed area during construction in acres: 0.02
 Estimated date that interim reclamation will begin: 12/10/2012 Size of location after interim reclamation in acres: 0.02
 Estimated post-construction ground elevation: 4550 Will a closed loop system be used for drilling fluids: Yes ☐ No ☒
 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: _____
 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: 20000098 ☐ 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: 5000, public road: 5000, above ground utility: 5000,
 railroad: 5000, property line: 5000

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: 70 Valent Sand, 3 - 9 Percent Slope

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: 10/01/2012
List individual species: Cheatgrass, Rye, Cactus

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: 5000, water well: 2700, depth to ground water: 206
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:

There are only 2 water well permits within a mile of the existing well. The permit numbers are 69700 and 74155 both of which are more than a 1/2 mile away from the well. See attachment for water well permit information. This 2A form is part of a form 15 Earthen Pit Permit Document Number: 400337103. Location is a sensitive area due to being within the High Plains Designated Basin.

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

Signed: _____ Date: 11/13/2012 Email: smithenergy@live.com
Print Name: Chris Smith 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.

COGCC Approved: Matthew Lee Director of COGCC Date: 4/4/2013

**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
400337193	FORM 2A SUBMITTED
400346254	OTHER
400355767	LOCATION PICTURES
400355769	NRCS MAP UNIT DESC
400355802	ACCESS ROAD MAP
400355803	HYDROLOGY MAP
400355805	LOCATION DRAWING

Total Attach: 7 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	This location has a producing well on location. Final review completed. No LGD or Public comments.	4/4/2013 5:11:09 AM
Final Review	ON HOLD - right to construct needs clarification	3/13/2013 9:17:11 AM
Permit	Final review completed. No LGD or Public comments.	3/13/2013 5:59:17 AM
OGLA	Changed to "amend location 317374", requesting operator concur with several changes to the Form 2A. Changed reference point to the well, updated facilities list, changed sensitive area status to "yes" and added a comment regarding designated basin.	3/1/2013 11:12:29 AM
Permit	The supplied location plat, for the pit, does not accurately support the supplied Lat/Long. The supplied lat/ong is some 211' to the east of the existing well spot (spotted by lat/long on "as drilled") but the location map attached to this form 2A shows it to be on 60' east of the existing well. The location plat with this form 2A shows the the pit to be 150' south of the existing well but from the lat/long it is only 43' south of the existing well. Will rely on the OGLA's to verify.	12/10/2012 6:37:06 AM
Permit	operator amended all items. This form passed completeness.	12/9/2012 11:38:55 PM
Permit	Return to draft: 1. NRCS map unit slope 1-9% does not match NRCS map unit attached 3-9% slope, 2. hydro map and access road map do not adequately describe pad location, 3. location drawing footage, 740' FEL, does not match submitted location footage, 740' FWL, 4. location drawing does not include 400' radius of proposed surface use. operator completed well surety ID#, plant species info., and attached required documents.	12/9/2012 8:52:52 PM
Permit	Return to draft: 1. well surety ID number is incomplete, 2. plant species in Plant Community Section is incomplete, 3. all required attached documents are missing.	11/14/2012 11:39:26 PM

Total: 8 comment(s)

BMP

Type

Comment

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Total: 0 comment(s)