

State of Colorado  
Oil and Gas Conservation Commission

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



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Document Number:

400070538

## Oil and Gas Location Assessment

☐ New Location
 ☒ Amend Existing Location
 Location#: 411774

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:

**411774**

Expiration Date:

**08/12/2013**☒ 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: 10275

Name: AUGUSTUS ENERGY PARTNERS LLC

Address: P O BOX 250

City: WRAY State: CO Zip: 80758

## 3. Contact Information

Name: Loni Davis

Phone: (970) 332-3585

Fax: (970) 332-3587

email: ldavis@augustusenergy.com

## 4. Location Identification:

Name: Jones Number: 43-18 1N44W

County: YUMA

Quarter: NESE Section: 18 Township: 1N Range: 44W Meridian: 6 Ground Elevation: 3753

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: 1443 feet, from North or South section line: FSL and 781 feet, from East or West section line: FEL

Latitude: 40.050590 Longitude: -102.325050 PDOP Reading: 3.8 Date of Measurement: 06/15/2010

Instrument Operator's Name: Neal McCormick

## 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="1"/>	Wells: <input type="text" value="1"/>	Production Pits: <input type="text"/>	Dehydrator Units: <input type="text"/>
Condensate Tanks: <input type="text"/>	Water Tanks: <input type="text"/>	Separators: <input type="text" value="1"/>	Electric Motors: <input type="text" value="1"/>	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" value="1"/>	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" value="1"/>	Flare: <input type="text"/>
Gas Compressors: <input type="text"/>	VOC Combustor: <input type="text"/>	Oil Tanks: <input type="text"/>	Fuel Tanks: <input type="text"/>	

Other: \_\_\_\_\_

## 6. Construction:

Date planned to commence construction: 08/01/2010 Size of disturbed area during construction in acres: 2.00  
Estimated date that interim reclamation will begin: 09/30/2010 Size of location after interim reclamation in acres: 1.00  
Estimated post-construction ground elevation: 3753 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: 05/28/2010  
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: 20090026 ☐ 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: 2200, public road: 2580, above ground utilit: 2580  
, railroad: 5280, property line: 781

## 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: 11: Colby Silt Loam, 6 to 15 % Slopes

NRCS Map Unit Name: 9: Canyon-Rock Outcrop complex, 9 to 25 % Slopes

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: Needle and thread, Sideoats Grama, Little Bluestem, Western Wheatgrass, Blue Grama, Prairie Sandreed, Threadleaf sedge,

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: 860, water well: 510, depth to ground water: 165

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:

We will be setting a pumping unit sometime in the future as determined by daily production. The nearest Railroad is greater than 1 mile from location. Reference area is located adjacent to and on undisturbed land North of the Oil and Gas Location. Location photo is reference area photo. Sensitive area due to location in Northern High Plains Designated Groundwater Basin. Separator may be set at meter shed if determined necessary. This location was abandoned on Berry Petroleum's behalf, but Augustus Energy purchased Berry Petroleum 04/01/09 and Augustus would like to refile this location using the existing API #05-125-11673. A change of operator has been submitted (5/27/10) changing the location from Berry to Augustus. All conditions remain the same

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

Signed: \_\_\_\_\_ Date: 07/14/2010 Email: ldavis@augustusenergy.com

Print Name: Loni J. Davis Title: Oper Acctg & Reg Spec

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: 8/13/2010

**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
1641844	CORRESPONDENCE	LF@2513909 1641844
1641845	HYDROLOGY MAP	LF@2513911 1641845
400070538	FORM 2A SUBMITTED	LF@2507516 400070538
400070543	ACCESS ROAD MAP	LF@2507517 400070543
400070544	HYDROLOGY MAP	LF@2507518 400070544
400070545	LOCATION DRAWING	LF@2507519 400070545
400070546	NRCS MAP UNIT DESC	LF@2507520 400070546
400070547	LOCATION PICTURES	LF@2507521 400070547
400070548	PROPOSED BMPs	LF@2507522 400070548
400076591	CONST. LAYOUT DRAWINGS	LF@2507523 400076591

Total Attach: 10 Files

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	PERMITTING PASSED	8/12/2010 4:44:46 PM
OGLA	OGLA task passed.	8/5/2010 8:12:51 AM

<p>OGLA</p>	<p>From: Loni Davis [mailto:LDavis@augustusenergy.com]  Sent: Wednesday, July 28, 2010 12:18 PM  To: Andrews, Doug  Subject: RE: Doc. 400070538 - COGCC Location Assessment Form 2A review for Augustus Energy's JONES 43-18 1N44W</p> <p>Doug,</p> <p>Here is a corrected Hydrology map. I put the comment at the bottom in the margin area for ease of readability. Let me know if this won't work.</p> <p>Thanks,</p> <p>From: Andrews, Doug [mailto:Doug.Andrews@state.co.us]  Sent: Wednesday, July 28, 2010 11:16 AM  To: Loni Davis  Subject: Doc. 400070538 - COGCC Location Assessment Form 2A review for Augustus Energy's JONES 43-18 1N44W</p> <p>Loni,  I've recently reviewed the above referenced Oil &amp; Gas Location Assessment Form 2A and have a change I'd like to get your input on.</p> <p>1.Hydrology Map – The Water Resources section of the Form 2A indicates the nearest surface water is 860 feet from the oil and gas location. A review of the USGS topographic map for the area and the Hydrology Map appears to indicate this is the distance to an intermittent pond to the north of the oil and gas location. However, the Hydrology Map also indicates there are no apparent surface waters or riparian area within 1,000 feet. This statement does not appear to be correct. Please amend the Hydrology Map to show to distance and direction from the oil and gas location to the intermittent pond approximately 860 feet north of the oil and gas location. The Hydrology Map can be hand corrected and resubmitted to me and I will replace it on the list of Attachments for the Form 2A.</p> <p>If you have any questions about this change to the Form 2A, please feel free to contact me.</p> <p>Respectfully,</p> <p>R. Douglas Andrews  Oil &amp; Gas Location Assessment Specialist  Colorado Oil &amp; Gas Conservation Commission  1120 Lincoln Street, Suite 801  Denver, CO 80203  Phone: (303) 894-2100 EXT 5134  Fax: (303) 894-2109  Email: doug.andrews@state.co.us</p>	<p>7/28/2010  2:05:37 PM</p>
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Total: 3 comment(s)

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