

State 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:

400074748

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 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:

418995

Expiration Date:

08/25/2013☒ 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: 10303

Name: RUBICON OIL & GAS LLC

Address: 508 W WALL AVE STE 500

City: MIDLAND State: TX Zip: 79701

3. Contact Information

Name: Heather Bader

Phone: (303) 595-7624

Fax: (303) 595-7628

email: hbader@rpm-inc.org

4. Location Identification:

Name: PAWNEE Number: 9-65-36-1

County: WELD

QuarterQuarter: SESE Section: 36 Township: 9N Range: 65W Meridian: 6 Ground Elevation: 5186

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: 300 feet, from North or South section line: FSL and 700 feet, from East or West section line: FEL

Latitude: 40.696811 Longitude: -104.603297 PDOP Reading: 1.9 Date of Measurement: 06/29/2010

Instrument Operator's Name: David Murrey

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" value="1"/>	Dehydrator Units: <input type="text"/>
Condensate Tanks: <input type="text" value="1"/>	Water Tanks: <input type="text" value="1"/>	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"/>	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"/>	Oil Tanks: <input type="text" value="2"/>	Fuel Tanks: <input type="text"/>	

Other: _____

6. Construction:

Date planned to commence construction: 09/01/2010 Size of disturbed area during construction in acres: 3.50
Estimated date that interim reclamation will begin: 12/01/2010 Size of location after interim reclamation in acres: 1.50
Estimated post-construction ground elevation: 5186 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: 07/02/2010
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: 20090003 ☐ 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: 5280, public road: 679, above ground utilit: 5280
, railroad: 5280, property line: 300

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: Renohill fine sandy loam

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: _____

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: 990, water well: 1100, depth to ground water: 180

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:

All drilling pits will be lined. Reference area is adjacent to the proposed well location on undisturbed land in each cardinal direction as shown in location pictures.

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

Signed: _____ Date: 07/07/2010 Email: hbader@rpm-inc.org

Print Name: Heather Bader Title: Agent for Rubicon

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: 8/26/2010

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
1641842	CORRESPONDENCE	LF@2513709 1641842
400074748	FORM 2A SUBMITTED	LF@2505680 400074748
400074844	LOCATION PICTURES	LF@2505681 400074844
400074845	LOCATION DRAWING	LF@2505682 400074845
400074846	HYDROLOGY MAP	LF@2505683 400074846
400074847	ACCESS ROAD MAP	LF@2505684 400074847
400074848	REFERENCE AREA MAP	LF@2505685 400074848
400075505	NRCS MAP UNIT DESC	LF@2505686 400075505

Total Attach: 8 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
OGLA	OGLA task passed	8/3/2010 8:17:30 AM

<p>OGLA</p>	<p>From: Christi Ng [mailto:cng@rpm-inc.org]</p> <p>Sent: Wednesday, July 28, 2010 8:58 AM</p> <p>To: Andrews, Doug</p> <p>Subject: FW: Doc. 400074748 - COGCC Location Assessment Form 2A review for Rubicon's PAWNEE 9-65-36-1</p> <p>David Murrey</p> <hr/> <p>From: Andrews, Doug [mailto:Doug.Andrews@state.co.us]</p> <p>Sent: Friday, July 23, 2010 2:32 PM</p> <p>To: Heather Bader</p> <p>Subject: Doc. 400074748 - COGCC Location Assessment Form 2A review for Rubicon's PAWNEE 9-65-36-1</p> <p>Heather,</p> <p>I've recently reviewed the above referenced Oil & Gas Location Assessment Form 2A and have a change I'd like to get your input on.</p> <p>1.Location Identification – The Instrument Operator's Name should be the name of the individual who was operating the GPS survey instrument, not their initials. Please provide me with that person's name who was operating the GPS survey instrument and I will change it on 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</p> <p>Oil & Gas Location Assessment Specialist</p> <p>Colorado Oil & Gas Conservation Commission</p> <p>1120 Lincoln Street, Suite 801</p> <p>Denver, CO 80203</p> <p>Phone: (303) 894-2100 EXT 5134</p> <p>Fax: (303) 894-2109</p> <p>Email: doug.andrews@state.co.us</p>	<p>7/29/2010 12:06:57 PM</p>
-------------	---	----------------------------------

Total: 2 comment(s)

Error: Subreport could not be shown.