

FORM
2A

Rev
04/01

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:

2079322

Oil and Gas Location Assessment

☐ New Location ☒ Amend Existing Location Location#: 311226

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:

311226

Expiration Date:

01/12/2013

☒ 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: 10159

Name: ROSETTA RESOURCES OPERATING LP

Address: 717 TEXAS STE 2800

City: HOUSTON State: TX Zip: 77002

3. Contact Information

Name: SHAWN HILDRETH

Phone: (713) 335-4104

Fax: (281) 763-2320

email: SHAWN.HILDRETH@ROSETTA
RESOURCES.COM

4. Location Identification:

Name: DETERDING Number: 30-09

County: YUMA

QuarterQuarter: NESE Section: 30 Township: 1N Range: 44W Meridian: 6 Ground Elevation: 3858

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: 1971 feet, from North or South section line: FSL and 598 feet, from East or West section line: FEL

Latitude: 40.023070 Longitude: -102.324300 PDOP Reading: 1.7 Date of Measurement: 10/01/2008

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"/>	Production Pits: <input type="checkbox"/>	Dehydrator Units: <input type="checkbox"/>
Condensate Tanks: <input type="checkbox"/>	Water Tanks: <input type="checkbox"/>	Separators: <input type="checkbox"/>	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"/>	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: WATER TANK LOCATED 55' S OF TRAIL

6. Construction:

Date planned to commence construction: 04/01/2010 Size of disturbed area during construction in acres: 0.34
Estimated date that interim reclamation will begin: 07/01/2010 Size of location after interim reclamation in acres: 0.17
Estimated post-construction ground elevation: 3858 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: UNKNOWN Phone: _____
Address: _____ Fax: _____
Address: _____ Email: _____
City: _____ State: XX Zip: _____ Date of Rule 306 surface owner consultation: 10/01/2008
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: 20060021 ☐ 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: 3213, public road: 3330, above ground utilit: 5280
, railroad: 5280, property line: 598

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: COLBY SILT LOAM 6-15%

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: CHEATGRASS, RYE

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: 550, water well: 3785, depth to ground water: 244

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:

reference area is located adjacent to and west of the location. SECTION 7 - SURFACE OWNER INFORMATION: ROSETTA RESOURCES IS REQUESTING THAT THE SURFACE OWNER NAME AND ADDRESS BE LISTED ON THIS FORM ONLY. ROSETTA WILL NOTIFY THE SURFACE OWNER WHEN THE FORM 2A HAS BEEN APPROVED. 2. The reference area is adjacent to and located West of the location. Also, the location photo was taken during growing season. Sensitive area = Yes due to location in Northern High Plains Designated Groundwater Basin. 3. The distance to nearest building is greater than 1 mile SECTION 9 - DISTANCE TO NEAREST BUILDING ABOVE GROUND UTILITY AND RAILROAD IS GREATER THAN 1 MILE. CONDITIONS ARE THE SAME AS THE LAST SUBMITTAL, THE PAD HAS NOT BEEN BUILT YET. PER S.H. 3 DEC '09.

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

Signed: _____ Date: 12/01/2009 Email: SHAWN.HILDRETH@ROSETTARESOURCE S.COM

Print Name: SHAWN HILDRETH Title: REG ANALYST

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: David S. Neslin Director of COGCC Date: 1/13/2010

Attachment Check List

Att Doc Num	Name	Doc Description
1784679	CORRESPONDENCE	LF @2200437 1784679
1784697	ACCESS ROAD MAP	LF @2205536 1784697
1784698	HYDROLOGY MAP	LF @2205534 1784698
1784699	LOCATION DRAWING	LF @2205531 1784699
1784700	CORRESPONDENCE	LF @2205529 1784700
1784701	CORRESPONDENCE	LF @2205528 1784701
2079322	FORM 2A	LF @2183614 2079322
2079323	LOCATION PICTURES	LF @2183624 2079323
2079324	LOCATION PICTURES	LF @2183622 2079324
2079325	LOCATION DRAWING	LF @2183628 2079325
2079326	HYDROLOGY MAP	LF @2183615 2079326
2079327	ACCESS ROAD MAP	LF @2183616 2079327
2079328	LOCATION DRAWING	LF @2183627 2079328
2079329	HYDROLOGY MAP	LF @2183618 2079329
2079330	REFERENCE AREA MAP	LF @2183619 2079330
2079331	REFERENCE AREA PICTURES	LF @2183625 2079331
2079332	REFERENCE AREA PICTURES	LF @2183630 2079332
2079333	NRCS MAP UNIT DESC	LF @2183620 2079333
2079334	PROPOSED BMPs	LF @2183621 2079334

Total Attach: 19 Files