

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:
1774567

Oil and Gas Location Assessment

New Location Amend Existing Location Location#: 311236

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:
311236
Expiration Date:
01/06/2013

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: BOWMAN Number: 13-16
County: YUMA
Quarter: SESE Section: 13 Township: 2S Range: 45W Meridian: 6 Ground Elevation: 3895
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: 1119 feet, from North or South section line: FSL and 330 feet, from East or West section line: FEL
Latitude: 39.878660 Longitude: -102.355350 PDOP Reading: 2.2 Date of Measurement: 09/21/2008

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"/> 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"/>	Electric Motors: <input type="checkbox"/>	Multi-Well Pits: <input type="checkbox"/>
Gas or Diesel Motors: <input type="checkbox"/> 1	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"/> 1	Oil Pipeline: <input type="checkbox"/>	Water Pipeline: <input type="checkbox"/> 1	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' E OF CR Z 8/10

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: 3895 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: 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: 1685, public road: 1089, above ground utilit: 2125
 , railroad: 5280, property line: 330

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: VALENT SAND 1-9% SLOPES

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: 10/01/2008

List individual species: RYE, CHEATGRASS

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: 8290, water well: 1099, depth to ground water: 68

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:

SECTION 7 - SURFACE OWNER INFORMATION: ROSETTA RESOURCES IS REQUESTING THAT ONLY NAME AND ADDRESS BE LISTED ON THIS FORM. WE WILL NOTIFY THE SURFACE OWNER WHEN THE 2A HAS BEEN APPROVED. CONDITIONS ARE THE SAME AS THE LAST SUBMITTAL, THE PAD HAS NOT BEEN BUILT YET. PER S.H. 4DEC'09. sensitive area due to location in Northern High Plains Designated Groundwater Basin. Reference area adjacent to and South of Location.

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

Signed: _____ Date: 12/02/2009 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. Neshin

Director of COGCC

Date: 1/7/2010

Attachment Check List

Att Doc Num	Name	Doc Description
1774567	FORM 2A	LF@2185162 1774567
1774568	LOCATION PICTURES	LF@2184398 1774568
1774569	LOCATION PICTURES	LF@2184396 1774569
1774570	LOCATION DRAWING	LF@2184399 1774570
1774571	HYDROLOGY MAP	LF@2185163 1774571
1774572	HYDROLOGY MAP	LF@2185165 1774572
1774573	LOCATION DRAWING	LF@2184400 1774573
1774574	ACCESS ROAD MAP	LF@2185166 1774574
1774575	REFERENCE AREA MAP	LF@2185167 1774575
1774576	REFERENCE AREA PICTURES	LF@2184401 1774576
1774577	REFERENCE AREA PICTURES	LF@2184403 1774577
1774578	PROPOSED BMPs	LF@2185169 1774578
1774585	NRCS MAP UNIT DESC	LF@2185168 1774585
1784695	NRCS MAP UNIT DESC	LF@2205508 1784695
1784696	CORRESPONDENCE	LF@2205510 1784696

Total Attach: 15 Files