

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:

400024224

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:

Expiration Date:

☒ 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: 75027
Name: ROSEWOOD RESOURCES INC
Address: 2101 CEDAR SPRINGS RD STE 1500
City: DALLAS State: TX Zip: 75201

3. Contact Information

Name: Sherri Wilson
Phone: (214) 849-9333
Fax: (214) 849-9333
email: swilson@rosewd.com

4. Location
Identification:

Name: Elmer Number: 14-33 SWD
County: YUMA
QuarterQuarter: SWSW Section: 33 Township: 5S Range: 43W Meridian: 6 Ground Elevation: 3796

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: 196 feet, from North or South section line: FSL and 192 feet, from East or West section line: FWL
Latitude: 39.573300 Longitude: -102.192430 PDOP Reading: 2.5 Date of Measurement: 11/20/2009

5. Facilities (Indicate the number of each type of oil and gas facility planned on location):

Special Purpose Pits: Drilling Pits: Wells: Production Pits: Dehydrator Units:
Condensate Tanks: Water Tanks: Separators: Electric Motors: Multi-Well Pits:
Gas or Diesel Motors: Cavity Pumps: LACT Unit: Pump Jacks: Pigging Station:
Electric Generators: Gas Pipeline: Oil Pipeline: Water Pipeline: Flare:
Gas Compressors: VOC Combustor: Oil Tanks: Fuel Tanks:

Other: 1 Catwalk; 1 Travel Camper; 1 Trash Trailer; 1 Portable Toilet; 1 Storage Trailer; 6 Diesel Engines; 1 CT Drilling Rig, 1 Doghouse, 1 Mud Tank, 3 Tractors

6. Construction:

Date planned to commence construction: 06/01/2010 Size of disturbed area during construction in acres: 1.00
Estimated date that interim reclamation will begin: 09/01/2010 Size of location after interim reclamation in acres: 0.50
Estimated post-construction ground elevation: 3796 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: Elmer C. Schaal Estate Phone: 719-346-8384
Address: 30082 County Road 43 Fax: _____
Address: _____ Email: _____
City: Bethune State: CO Zip: 80805 Date of Rule 306 surface owner consultation: 12/22/2009
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: 1996 ☒ Gas Facility Surety ID: 2003 ☐ Waste Mgmt. Surety ID: _____

9. Cultural:

Is the location in a high density area (Rule 603.b.): Yes ☐ No ☒
Distance, in feet, to nearest building: 288, public road: 162, above ground utilit: 154
, railroad: 5280, property line: 192

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: Haxton 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: Prairie sandreed. Little bluestem. Sand bluestem. Switchgrass. Needleandthread. Sideoats gamma. Sun sedge. Western wheatgrass

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: 5280, water well: 1700, depth to ground water: 117
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:

1. Railroad is located more than a mile away (south of location towards Burlington, CO). 2. Height of ADT Rig #114 is 75 feet. 3. Reference Area is adjacent to the proposed well location as depicted on the Reference Map. 4. The tanks in the location pictures are production water tanks owned by Rosewood Resources. 5. The nearest surface water is 2.2 miles away (Bonny Reservoir).

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

Signed: _____ Date: 02/09/2010 Email: swilson@rosewd.com

Print Name: Sherri Wilson Title: Geology Tech

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: _____ Director of COGCC Date: _____

Attachment Check List

Att Doc Num	Name	Doc Description
400037191	LOCATION PICTURES	Elmer 14-33 Location Photos.pdf
400037192	LOCATION DRAWING	Elmer 14-33 Location Drawing.pdf
400037193	ACCESS ROAD MAP	Elmer 14-33 Access map.pdf
400037199	REFERENCE AREA MAP	Elmer 14-33 Reference Map.pdf
400037203	REFERENCE AREA PICTURES	Elmer 14-33 Location Photos.pdf
400037208	NRCS MAP UNIT DESC	Elmer 14-33 NRCS Map Unit Desc.pdf
400044063	HYDROLOGY MAP	Elmer 14-33 Hydrology Map.pdf
400044398	FORM 2A SUBMITTED	400044398.pdf

Total Attach: 8 Files