

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:

400064044

Oil and Gas Location Assessment

☐ New Location ☒ Amend Existing Location Location#: 398807

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:

398807

Expiration Date:

08/19/2013☒ 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: 6720

Name: BAYLESS PRODUCER LLC* ROBERT L

Address: 621 17TH ST STE 2300

City: DENVER State: CO Zip: 80293

3. Contact Information

Name: Habib Guerrero

Phone: (505) 5647810

Fax: (505) 3262659

email: hguerrero@rlbayless.com

4. Location Identification:

Name: Weaver Ridge Number: 13-9

County: RIO BLANCO

Quarter: NESE Section: 13 Township: 1S Range: 104W Meridian: 6 Ground Elevation: 5856

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: 2145 feet, from North or South section line: FSL and 906 feet, from East or West section line: FEL

Latitude: 39.959660 Longitude: -109.010880 PDOP Reading: 1.2 Date of Measurement: 10/17/2008

Instrument Operator's Name: Mitch Batty (Timberline Eng)

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="3"/>	Production Pits: <input type="text"/>	Dehydrator Units: <input type="text"/>
Condensate Tanks: <input type="text" value="6"/>	Water Tanks: <input type="text" value="2"/>	Separators: <input type="text" value="3"/>	Electric Motors: <input type="text"/>	Multi-Well Pits: <input type="text"/>
Gas or Diesel Motors: <input type="text" value="3"/>	Cavity Pumps: <input type="text"/>	LACT Unit: <input type="text"/>	Pump Jacks: <input type="text" value="3"/>	Pigging Station: <input type="text"/>
Electric Generators: <input type="text"/>	Gas Pipeline: <input type="text"/>	Oil Pipeline: <input type="text"/>	Water Pipeline: <input type="text"/>	Flare: <input type="text" value="2"/>
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: 09/01/2010 Size of disturbed area during construction in acres: 1.80
Estimated date that interim reclamation will begin: 05/01/2011 Size of location after interim reclamation in acres: 1.20
Estimated post-construction ground elevation: 5856 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: Evaporate and Backfilling

7. Surface Owner:

Name: _____ Phone: _____
Address: _____ Fax: _____
Address: _____ Email: _____
City: _____ State: _____ Zip: _____ Date of Rule 306 surface owner consultation: 05/27/2010
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: _____ ☐ 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: 43032, public road: 10348, above ground utilit: 39072
, railroad: 5280, property line: 906

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: 74-Rentsac-Moyerson-Rock outcrop complex, 5 to 65 percent 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: 05/27/2010

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): Juniper, Pinyon Pine, Matchbrush, Mountain Mahogany, cheatgrass, Mormon Tea, snowberry, penstemon

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: 268, water well: 40603, depth to ground water: 300

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:

*Bayless will remain within the original area of disturbance of the existing Weaver Ridge 13-9 wellpad. No new surface disturbance is planned for this pad. *Footages at surface are based on as drilled Lat and long info submitted on 11/07/08. *There are no visible improvements within 400 feet of this location. *Reference area will be in a northerly direction of the existing wellpad. Please use location pictures for reference pictures area. *Bayless intends to use a KCL polymer system (salt >15000 ppm) during drilling. No oil based mud will be used.

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

Signed: _____ Date: 07/06/2010 Email: hguerrero@rlbayless.com

Print Name: Habib Guerrero Title: Operations Engineer

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: 8/20/2010

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.

Location is in a sensitive area because of proximity to surface water; therefore, operator must ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations.

Operator must implement best management practices to contain any unintentional release of fluids.

Production pits (if constructed) must be lined.

Either a lined drilling pit or closed loop system must be implemented.

Attachment Check List

Att Doc Num	Name	Doc Description
2033239	CONST. LAYOUT DRAWINGS	LF@2503109 2033239
2033261	CORRESPONDENCE	LF@2506620 2033261
400064044	FORM 2A SUBMITTED	LF@2502268 400064044
400073785	HYDROLOGY MAP A, TOPO	LF@2502270 400073785
400074139	WELL LOCATION PLAT	LF@2502271 400074139
400074423	LOCATION PICTURES	LF@2502272 400074423
400074424	CONST. LAYOUT DRAWINGS	LF@2502273 400074424
400074427	REFERENCE AREA MAP	LF@2502274 400074427
400074428	OTHER	LF@2502275 400074428
400074431	TOPO MAP	LF@2502276 400074431
400074433	PROPOSED BMPs	LF@2502277 400074433
400074435	SURFACE PLAN	LF@2502278 400074435
400074438	ACCESS ROAD MAP	LF@2502279 400074438
400074439	OTHER	LF@2502280 400074439
400074763	MULTI-WELL PLAN	LF@2502281 400074763

Total Attach: 15 Files

General Comments

User Group	Comment	Comment Date
Permit	Changed field from wildcat to Banta Ridge. Removed plugging bond.	8/9/2010 10:16:16 AM
DOW	CDOW has reviewed the lease agreement for this location between the operator and the WRFO of BLM. This location is an already a producing well location. Bayless will be adding an additional three wells with no new surface disturbance. CDOW affirms that the lease stipulations as conditions of approval for this location. Submitted by: Ed Winters, land Use Specialist 13 July 2010 @ 15:06	7/27/2010 10:57:33 AM

Total: 2 comment(s)

Error: Subreport could not be shown.

