

FORM
2A

Rev
04/01

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400269213

Date Received:

04/06/2012

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 standalone 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:

429335

Expiration Date:

06/19/2015

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) 564-7810

Fax: (505) 326-6911

email: hguerrero@rlbayless.com

4. Location Identification:

Name: Weaver Ridge Number: 14-15H

County: RIO BLANCO

Quarter: SWSE Section: 14 Township: 1S Range: 104W Meridian: 6 Ground Elevation: 6702

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: 39 feet FSL, from North or South section line, and 1564 feet FEL, from East or West section line.

Latitude: 39.954075 Longitude: -109.032151 PDOP Reading: 2.4 Date of Measurement: 02/15/2011

Instrument Operator's Name: K. STEWART

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" value="4"/>	Production Pits: <input type="checkbox"/>	Dehydrator Units: <input type="checkbox"/>
Condensate Tanks: <input type="checkbox" value="9"/>	Water Tanks: <input type="checkbox" value="1"/>	Separators: <input type="checkbox" value="4"/>	Electric Motors: <input type="checkbox"/>	Multi-Well Pits: <input type="checkbox"/>
Gas or Diesel Motors: <input type="checkbox" value="4"/>	Cavity Pumps: <input type="checkbox"/>	LACT Unit: <input type="checkbox"/>	Pump Jacks: <input type="checkbox" value="4"/>	Pigging Station: <input type="checkbox"/>
Electric Generators: <input type="checkbox"/>	Gas Pipeline: <input type="checkbox" value="1"/>	Oil Pipeline: <input type="checkbox"/>	Water Pipeline: <input type="checkbox"/>	Flare: <input type="checkbox" value="1"/>
Gas Compressors: <input type="checkbox"/>	VOC Combustor: <input type="checkbox"/>	Oil Tanks: <input type="checkbox"/>	Fuel Tanks: <input type="checkbox"/>	

Other: _____

6. Construction:

Date planned to commence construction: 07/01/2012 Size of disturbed area during construction in acres: 4.99
 Estimated date that interim reclamation will begin: 11/11/2012 Size of location after interim reclamation in acres: 2.58
 Estimated post-construction ground elevation: 6702 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 & Backfill

7. Surface Owner:

Name: _____ Phone: _____
 Address: _____ Fax: _____
 Address: _____ Email: _____
 City: _____ State: _____ Zip: _____ Date of Rule 306 surface owner consultation: 02/03/2012
 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: 67056, property line: 2602

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: 73-Rentsac Channery loam, 5 to 50 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: 03/15/2012
List individual species: _____

Check all plant communities that exist in the disturbed area.

- Disturbed Grassland (Cactus, Yucca, Cheatgrass, Rye)
- Native Grassland (Bluestem, 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, Morman Te, 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: 374, water well: 35960, 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 PLAN IS TO USE A KCL POLYMER MUD SYSTEM (SALT>15,000 PPM). NO OIL BASED MUDS WILL BE USED. A CLOSED LOOP DRILLING SYSTEM WILL BE USED.THE 4.5 " PRODUCTION LINER WILL NOT BE CEMENTED. ROTATING HEAD ITS OPTIONAL * An archeological cultural and historical survey of the area has been performed on February 06, 2012and submitted separately by the Grand River Institute to the BLM White River office.

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

Signed: _____ Date: 04/06/2012 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: 6/20/2012

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.

SITE SPECIFIC COAs:

A closed loop system must be implemented during drilling (which operator has indicated on the Form 2A); or, if a drilling pit is constructed, it must be lined. All cuttings generated during drilling with oil based muds or high chloride/TDS mud must be kept in the lined drilling pit, or placed either in containers or on a lined/bermed portion of the well pad; prior to offsite disposal. The moisture content of any drill cuttings in a cuttings pit, trench, or pile shall be as low as practicable to prevent accumulation of liquids greater than de minimis amounts.

Any pit constructed to hold oil based muds or salt based fluids and/or cuttings must be lined.

No portion of any pit that will be used to hold liquids shall be constructed on fill material, unless the pit and fill slope are designed and certified by a professional engineer, subject to review and approval by the director prior to construction of the pit. The construction and lining of the pit shall be supervised by a professional engineer or their agent. The entire base of the pit must be in cut.

For pits containing fluids other than freshwater only; the pit must be fenced. If the pit is not drained, or closure has not begun within 30 days after last use for well completion, the pit must be netted. The operator must maintain the fencing and netting until the pit is closed.

Operator must ensure 110 percent secondary containment for any volume of fluids (excluding freshwater) contained at well site during drilling and completion operations; including, but not limited to, construction of a berm or diversion dike, diversion/collection trenches within and/or outside of berms/dikes, site grading, or other comparable measures (i.e., best management practices (BMPs) associated with stormwater management) sufficiently protective of nearby surface water. Any berm constructed at the well pad location will be stabilized, inspected at regular intervals (at least every 14 days), and maintained in good condition.

Operator must implement best management practices to contain any unintentional release of fluids, including any fluids conveyed via buried or temporary surface pipelines.

The moisture content of any freshwater generated drill cuttings in a cuttings pit, trench, or pile shall be as low as practicable to prevent accumulation of liquids greater than de minimis amounts. At the time of closure, if the freshwater generated drill cuttings are to be onsite, they must also meet the applicable standards of table 910-1.

If a pit is constructed, a form 15 Earthen Pit Permit must be submitted and approved prior to construction/use of the pit.

Flowback and stimulation fluids must be sent to tanks, separators, or other containment/filtering equipment before the fluids can be placed into any pipeline or pit located on the well pad or into tanker trucks for offsite disposal. The flowback and stimulation fluid tanks, separators, or other containment/filtering equipment must be placed on the well pad in an area with additional downgradient perimeter berming. The area where flowback fluids will be stored/reused must be constructed to be sufficiently impervious to contain any spilled or released material.

Notify COGCC Oil and Gas Location Assessment (OGLA) Specialist for Western Colorado (Dave Kubeczko; email dave.kubeczko@state.co.us) and the COGCC Field Inspection Supervisor for Northwest Colorado (Shaun Kellerby; email shaun.kellerby@state.co.us) 48 hours prior to start of construction of the well pad, start of construction of the pit (if different), pit liner installation, and start of fracing operations (via Form 42).

Attachment Check List

Att Doc Num	Name
2034376	PROPOSED BMPs
2034377	CORRESPONDENCE
400269213	FORM 2A SUBMITTED
400269231	OTHER
400269499	WELL LOCATION PLAT
400269500	CONST. LAYOUT DRAWINGS
400269501	ACCESS ROAD MAP
400269502	HYDROLOGY MAP A, TOPO
400269503	HYDROLOGY MAP B, TOPO
400269504	NRCS MAP UNIT DESC
400269505	SURFACE PLAN
400269507	LOCATION DRAWING
400269508	CONST. LAYOUT DRAWINGS
400269511	CONST. LAYOUT DRAWINGS
400269512	PROPOSED BMPs
400269513	PROPOSED BMPs
400269515	REFERENCE AREA MAP
400269516	LOCATION PICTURES

Total Attach: 18 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	off hold--APD complete. No LGD or public comments. Final Review--passed.	6/20/2012 7:22:48 AM
Permit	on hold pending waiver from BLM for APD	5/25/2012 3:35:38 PM
Permit	per oper.'s instructions, changed dist. to nearest RR to 67056' to agree w/ attached loc. drawing. changed dist. to nearest prop. line to 2602' (nearest boundary of BLM surface).	5/21/2012 11:41:39 AM
Permit	disagree with cultural distances; don't match distances on location drawing.	5/17/2012 7:19:29 AM
DOW	The operator has agreed to the following BMPs: 1. Where oil and gas activities must occur near active Mule Deer Critical Winter Range, conduct these activities outside the time period from December 1 through April 15. 2. Restrict post-development well site visitations to between the hours of 10:00 a.m. and 2:00 p.m. from December 1 to April 15 for Mule Deer Critical Winter Range. 3. Muffle sound from compressors, pump jacks or other motors necessary to run operations at the site.If mufflers are used, point upward to dissipate sound and vibration. 4. Install and utilize bear-proof dumpsters and trash receptacles for all food-related trash on location following COGCC Rule 1204 a-1. 5. Avoid aggressive non-native grasses and shrubs in mule deer habitat restoration. Jacob Davidson, 5-15-2012, 12:06	5/15/2012 12:06:34 PM
OGLA	Initiated/Completed OGLA Form 2A review on 04-10-12 by Dave Kubeczko; requested acknowledgement of fluid containment, spill/release BMPs, moisture content/containment cuttings, lined pit/closed loop, no pit in fill, pit fencing/netting, and flowback to tanks COAs from operator on 04-10-12; received acknowledgement of COAs from operator on 04-11-12; changed to sensitive area due to close SW; location was onsite 03-15-12; passed by CPW on 05-15-12 with BLM stipulations and COAs; and operator agreed to BMPs acceptable; passed OGLA Form 2A review on 05-21-12 by Dave Kubeczko; fluid containment, spill/release BMPs, moisture content/containment cuttings, lined pit/closed loop, no pit in fill, pit fencing/netting, and flowback to tanks COAs.	4/10/2012 12:50:16 PM

Total: 6 comment(s)

BMP

<u>Type</u>	<u>Comment</u>
Final Reclamation	<p>The following plan describe surface reclamation actions for vegetation and soil rehabilitation, scarification and reseedling of the pads "apron" (the area surrounding the pad site, including the cut and fill, topsoil and excess materials stockpile sites, etc.). The BLM will be contacted prior to commencement of any reclamation operations. The direction and specific work orders spelled out in this plan will apply to the existing well pad on the cited well. The overall goals and objectives of this plan for the Weaver Ridge 14-15H well pad site and any additional infrastructure associated with this well are to a)Minimize the surface impacts to other resources and authorized uses in the vicinity of the well pad site, b)Restore the landform and natural process to re-establish and sustain a pre-disturbance productivity of the site, consistent with the 1997 White River Resource Management Plan (WRRMP), c) Apply all Conditions of Approval (COA)s which are outlined in the Record of Decision/EA associated with this well and also consider additional applicable BLM's Conditions of Approval (WRRMP, Appendix 2) as a baseline to minimize surface impacts and enhance subsequent reclamation actions, and d)Apply appropriate new techniques and/or methodologies that would minimize surface disturbance and enhance reclamation success.</p> <p>This plan outlines new and additional interim and final reclamation actions for the Weaver Ridge 14-15H well pad that would need to occur to realize the objectives stated above. For more details please refer to the proposed BMP's on the attachment Tab.</p>
Wildlife	<ol style="list-style-type: none">1. Where oil and gas activities must occur near active Mule Deer Critical Winter Range, conduct these activities outside the time period from December 1 through April 15.2. Restrict post-development well site visitations to between the hours of 10:00 a.m. and 2:00 p.m. from December 1 to April 15 for Mule Deer Critical Winter Range.3. Muffle sound from compressors, pump jacks or other motors necessary to run operations at the site.If mufflers are used, point upward to dissipate sound and vibration.4. Install and utilize bear-proof dumpsters and trash receptacles for all food-related trash on location following COGCC Rule 1204 a-1.5. Avoid aggressive non-native grasses and shrubs in mule deer habitat restoration.

Total: 2 comment(s)