IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.

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: 400144324

Oil and Gas Location Assessment

☐ New Location ☒ Amend Existing Location Location#: 306787

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: **306787**

Expiration Date: **06/08/2014**

☒ 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: 26580

Name: BURLINGTON RESOURCES OIL & GAS LP

Address: PO BOX 4289

City: FARMINGTON State: NM Zip: 87499

3. Contact Information

Name: Patsy Clugston

Phone: (505) 326-9518

Fax: (505) 599-4062

email: Patsy.L.Clugston@conocophillips.com

4. Location Identification:

Name: Levey Number: 100

County: LA PLATA

QuarterQuarter: SENW Section: 13 Township: 32N Range: 7W Meridian: n Ground Elevation: 6391

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: 1546 feet FNL , from North or South section line, and 1586 feet FWL , from East or West section line.

Latitude: 37.020239 Longitude: -107.563219 PDOP Reading: 1.8 Date of Measurement: 06/01/2010

Instrument Operator's Name: Jeff Brewer

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

Special Purpose Pits:		Drilling Pits:	1	Wells:	2	Production Pits:	1	Dehydrator Units:			
Condensate Tanks:		Water Tanks:	1	Separators:	1	Electric Motors:		Multi-Well Pits:			
Gas or Diesel Motors:		Cavity Pumps:		LACT Unit:		Pump Jacks:	1	Pigging Station:			
Electric Generators:		Gas Pipeline:	1	Oil Pipeline		Water Pipeline:	1	Flare:			
Gas Compressors:	1			VOC Combustor:		Oil Tanks:		Fuel Tanks:			

Other: _____

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6. Construction:

Date planned to commence construction: 05/15/2011 Size of disturbed area during construction in acres: 3.03

Estimated date that interim reclamation will begin: 09/30/2011 Size of location after interim reclamation in acres: 1.00

Estimated post-construction ground elevation: 6391 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: _____ Zip: _____ Date of Rule 306 surface owner consultation: 10/08/2010

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: 19890010 ☐ 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: 567 , public road: 1203 , above ground utilit: 630

, railroad: 5808 , property line: 219

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): gas production and transmission

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.

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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: 14. Bodot clay, 3 to 10 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: 01/04/2011

List individual species: Pinon pine, jnipr, sagebrush, Indian ricegrass, ruber rabbitbrush, sunflower, crested wheatgrass, James' galleta, Danada thistle

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):

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: 959 , water well: 225 , depth to ground water: 155

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:

Reference Area pictures and reference area map will be re-submitted Summer 2011 during the growing season. SUA attached to APD's.

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

Signed: Date: 03/20/2011 Email: hansen@ecosphere-services.com

Print Name: Heidi Hansen Title: Biologist/Environmental

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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: 6/9/2011

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.

GENERAL SITE COAs:

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

Operator must ensure secondary containment for any volume of fluids 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.

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. At the time of closure, the drill cuttings must also meet the applicable standards of table 910-1.

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.

Flowback and stimulation fluids must be sent to tanks to allow the sand to settle out before the fluids can be placed into any pipeline or pit located on the well pad. The flowback and stimulation fluid tanks 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 (per Rule 604.a.(4)).

Berms or other containment devices shall be constructed in compliance with Rule 604.a.(4) around crude oil, condensate, and produced water storage tanks.

The production pit must be fenced. If the production pit is not closed (either drained and/or backfilled) immediately after natural gas development activities, then operator must appropriately net the production pit, in a timely manner, and maintain the fencing and netting until the pit is closed in accordance with Rule 905. Closure of Pits, and Buried or Partially Buried Produced Water Vessels.

WATER RESOURCE PROTECTION COA:

Location is in a sensitive area due to shallow groundwater; therefore the reserve pit, or any other pit used to contain/hold fluids, if constructed, must be lined or a closed loop system must be implemented during drilling.

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Attachment Check List

Att Doc Num	Name
1792176	MULTI-WELL PLAN
1792182	SURFACE AGRMT/SURETY
2033805	CORRESPONDENCE
400144324	FORM 2A SUBMITTED
400145247	PROPOSED BMPs
400145248	LOCATION DRAWING
400145252	LOCATION PICTURES
400145256	HYDROLOGY MAP
400145258	ACCESS ROAD MAP
400145260	SENSITIVE AREA MAP
400145262	CONST. LAYOUT DRAWINGS
400145264	REFERENCE AREA MAP
400145265	REFERENCE AREA PICTURES
400145266	NRCS MAP UNIT DESC
400145268	OTHER

Total Attach: 15 Files

General Comments

User Group	Comment	Comment Date
Permit	Received multi-well plan. BY	6/1/2011 12:32:04 PM
Permit	Requested a Multi-will plan as there are two wells on this pad. Emailed Patsy Clugston. BY	5/16/2011 10:57:37 AM

DOW	CDOW was unable to onsite this well. However, should the operator utilize a reserve pit or drill cutting pit that contains free liquids,the Operator should promptly remove the liquids or fence and net the pit to exclude wildlife. CDOW suggest the following seed mix be used for interim reclamation. Ecotype: Pinyon/Juniper Woodlands-Sagebrush Species GRASSES Variety* % of mix FRPLS* PLS rate/acre Western wheatgrass Arriba 10% 8 0.8 Bluebunch wheatgrass Secar/Goldar 15% 10 1.5 Sandberg bluegrass UP release 15% 2 0.3 Muttongrass (UP Colona) 10% 1 0.1 Junegrass Uncompahgre 15% 1 0.15 Indian ricegrass White River 10% 6 0.6 Sand dropseed 10% 1 0.1 Blue grama Hatchita 5% 1.5 0.075 Galleta Viva 10% 6 0.6 100% *recommended variety unless locally collected seed is available, in which case locally collected seed is preferred *based on drill seeding; 2x if broadcasting FORBS Variety* Utah sweetvetch (UP Uncompahgre) TIMP 15% 15 2.25 Lewis flax Maple grove 15% 4 0.6 Penstemon cyanocaulis* (bluestem) (UP San Miguel) 15% 1 0.15 Penstemon comarrhenus (dusty) (UP Delta) 15% 1 0.15 Penstemon palmeri (palmer) 15% 2 0.3 Penstemon eatonii (firecracker) 15% 1 0.15 Silky lupine -sericeus* 15% 20 3 Gooseberryleaf globemallow 15% 2 0.3 Oregon daisy (UP Dry Fork) 15% 1 0.15 *Select 5 of 8 species based on availability SHRUBS* Variety Artemesia** (+) 1	5/6/2011 4:04:29 PM

DOW	Fourwing saltbush 1 Winterfat Hatch 1 Fringed sage 0.5 cliffrose 1 **wyomingensis or nova depending on site (+) to be included in all PJ/SS mixes *Select 3 of the 5 species based on availability NOTE: (UP)- The UP varieties are in development and may not be available in sufficient quantities. In which case, the most appropriate available variety should be utilized. S upply and availability should increase in future years at which time the UP varieties should be used.	5/6/2011 4:04:29 PM
OGLA	Initiated/Completed OGLA Form 2A review on 04-05-11 by Dave Kubeczko; requested clarifications and acknowledgement of fluid containment, spill/release BMPs, flowback to tanks, tank berming, lined pit/closed loop, fencing netting, and cuttings low moisture content COAs from operator on 04-05-11; received clarifications and acknowledgement of COAs from operator on 04-05-11; passed by CDOW on 05-06-11 recommending fencing/netting if pit used; passed OGLA Form 2A review on 05-06-11 by Dave Kubeczko; fluid containment, spill/release BMPs, flowback to tanks, tank berming, lined pit/closed loop, fencing netting, and cuttings low moisture content COAs.	4/5/2011 10:55:29 AM
Permit	Back to draft for attachment to be made.	3/21/2011 2:34:02 PM

Total: 5 comment(s)

BMP

Type	Comment
Interim Reclamation	Burlington will be responsible for all seeding and weed control within the well pad lease according to the Programmatic SWMP and La Plata County guidelines. Soil roughening will occur along the well pad where applicable.
Construction	Burlington will be responsible for keeping the existing culvert at the road clean and free of debris. Wattles should be placed downslope of the existing access road.
Storm Water/Erosion Control	Erosion contdrol wattles should be placed from corner 2 to corner 3 (refer to well pad diagram for corner locations) along the east edge of the well pad in order to keep sediment from entering the draiage that is on the east side. Erosion control should be placed around any stockkpiled soil over 6 feet high or anything greater than a 2:1 slope. The topsoil stockpile area should have erosion control placed around the perimeter.
Site Specific	All equipment will be contained within the existign well pad where applicable.

Total: 4 comment(s)