

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



DE ET OE ES

Document Number:
1774250

Oil and Gas Location Assessment

New Location Amend Existing Location Location#: 314157

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:
314157
Expiration Date:
12/10/2012

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: 10203
Name: BLACK RAVEN ENERGY INC
Address: 1125 17TH ST STE 2300
City: DENVER State: CO Zip: 80202

3. Contact Information

Name: JANICE ALDSTADT
Phone: (303) 308-1330X136
Fax: (303) 308-1590
email: JALDSTADT@BLACKRAVENENERGY.COM

4. Location Identification:

Name: LININGER Number: 843-18-41
County: PHILLIPS
Quarter: NENE Section: 18 Township: 8N Range: 43W Meridian: 6 Ground Elevation: 3697
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: 300 feet, from North or South section line: FNL and 910 feet, from East or West section line: FEL
Latitude: 40.671040 Longitude: -102.187140 PDOP Reading: 2.2 Date of Measurement: 10/27/2008

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

Special Purpose Pits: Drilling Pits: 1 Wells: 1 Production Pits: Dehydrator Units:
Condensate Tanks: Water Tanks: 1 Separators: 1 Electric Motors: Multi-Well Pits:
Gas or Diesel Motors: 3 Cavity Pumps: LACT Unit: Pump Jacks: 1 Pigging Station:
Electric Generators: Gas Pipeline: 1 Oil Pipeline: Water Pipeline: 1 Flare:
Gas Compressors: VOC Combustor: Oil Tanks: Fuel Tanks:
Other: 1-Meter Run Shed

6. Construction:

Date planned to commence construction: 03/01/2010 Size of disturbed area during construction in acres: 3.00
Estimated date that interim reclamation will begin: 04/01/2010 Size of location after interim reclamation in acres: 1.00
Estimated post-construction ground elevation: 3697 Will a closed loop system be used for drilling fluids: Yes
Will salt sections be encountered during drilling: Yes No X Is H2S anticipated? Yes No X
Will salt (>15,000 ppm TDS Cl) or oil based muds be used: Yes No X
Mud disposal: Offsite Onsite X Method: Land Farming Land Spreading Disposal Facility
Other: EVAP. & BURIAL

7. Surface Owner:

Name: Phone:
Address: Fax:
Address: Email:
City: State: Zip: Date of Rule 306 surface owner consultation: 11/01/2009
Surface Owner: X Fee State Federal Indian
Mineral Owner: X Fee State Federal Indian
The surface owner is: X the mineral owner committed to an oil and gas lease
is the executor of the oil and gas lease the applicant
The right to construct the location is granted by: oil and gas lease X 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:

X Well Surety ID: 20060159 Gas Facility Surety ID: Waste Mgnt. Surety ID:

9. Cultural:

Is the location in a high density area (Rule 603.b.): Yes No X
Distance, in feet, to nearest building: 510 , public road: 300 , above ground utilit: 300
, railroad: 1432 , property line: 300

10. Current Land Use (Check all that apply):

Crop Land: Irrigated Dry land X 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 X 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: RICHFIELD LOAM, 0 TO 3 PERCENT SLOPES (RcB)

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: _____

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: 960, water well: 638, depth to ground water: 140

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:

RAILROAD IS 1,432 +/- AWAY. NO VISIBLE IMPROVEMENTS WITHIN 400' RADIUS OF SITE. THERE IS AN EXPIRED WATER WELL PERMIT (RECEIPT: 0916959; PERMIT NO.: 15524-F) SHOWN ON MAP. NEAREST WATER WELL IS 638' +/- AWAY, (RECEIPT: 0416076; PERMIT NO.: 68215-A; USE: DOMESTIC STOCK). THERE IS A DRY, INTERMITTENT DRAINAGE BASIN 960' +/- SOUTH OF THE WELL SITE.

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

Signed: _____ Date: 11/16/2009 Email: JALDSTADT@BLACKRAVENENERGY.COM

Print Name: JANICE ALDSTADT Title: LANDMAN

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved.

David S. Neshin

COGCC Approved: _____

Director of COGCC

Date: 12/11/2009

Location is in a sensitive area because of proximity to a domestic water well; therefore either a lined drilling pit or closed loop system is required.

Attachment Check List

Att Doc Num	Name	Doc Description
1303745	NRCS MAP UNIT DESC	LF@2178787 1303745
1303746	LOCATION PICTURES	LF@2178784 1303746
1303747	REFERENCE AREA MAP	LF@2183876 1303747
1641216	CORRESPONDENCE	LF@2192481 1641216
1641217	HYDROLOGY MAP	LF@2192482 1641217
1641218	ACCESS ROAD MAP	LF@2192483 1641218
1774250	FORM 2A	LF@2178774 1774250
1774251	LOCATION PICTURES	LF@2178782 1774251
1774252	LOCATION DRAWING	LF@2178785 1774252
1774253	HYDROLOGY MAP	LF@2183773 1774253
1774254	ACCESS ROAD MAP	LF@2183775 1774254
1774255	NRCS MAP UNIT DESC	LF@2178775 1774255
2093134	SURFACE AGRMT/SURETY	LF@2194629 2093134

Total Attach: 13 Files