

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:  
2094435

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: 10232

Name: LARAMIE ENERGY II, LLC

Address: 1512 LARIMER ST STE 1000

City: DENVER State: CO Zip: 80202

3. Contact Information

Name: WAYNE P. BANKERT

Phone: (970) 683-5419

Fax: (303) 339-4399

email: WBANKERT@LARAMIE-ENERGY.COM

4. Location Identification:

Name: JOHNSON Number: 05-07 PAD

County: GARFIELD

Quarter: TRCT40 Section: 5 Township: 8S Range: 93W Meridian: 6 Ground Elevation: 8164

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: 2269 feet, from North or South section line: FNL and 2578 feet, from East or West section line: FEL

Latitude: 39.397667 Longitude: -107.797008 PDOP Reading: 2.5 Date of Measurement: 07/01/2009

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

Special Purpose Pits:  Drilling Pits:  1 Wells:  17 Production Pits:  Dehydrator Units:   
Condensate Tanks:  8 Water Tanks:  Separators:  5 Electric Motors:  Multi-Well Pits:   
Gas or Diesel Motors:  Cavity Pumps:  LACT Unit:  Pump Jacks:  Pigging Station:   
Electric Generators:  Gas Pipeline:  1 Oil Pipeline:  Water Pipeline:  1 Flare:   
Gas Compressors:  VOC Combustor:  1 Oil Tanks:  Fuel Tanks:

Other: 2 PHASE SEPARATION. CONDENSATE AND WATER PRODUCED INTO COMMON TANKS. 17 SEPARATORS IN 4 "4-PACK" KIT AND 1 "2 pack".

6. Construction:

Date planned to commence construction: 09/20/2008 Size of disturbed area during construction in acres: 4.50  
Estimated date that interim reclamation will begin: 07/01/2012 Size of location after interim reclamation in acres: 1.20  
Estimated post-construction ground elevation: 8164 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: R.M. & LINDSEY A. JOHNSON Phone: 970/625-5353  
Address: 2384 HIGHWAY 325 Fax: \_\_\_\_\_  
Address: \_\_\_\_\_ Email: \_\_\_\_\_  
City: RIFLE State: CO Zip: 81650 Date of Rule 306 surface owner consultation: 08/13/2009  
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: 2007076  Gas Facility Surety ID: \_\_\_\_\_  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: 1103, public road: 4951, above ground utilit: 7915  
, railroad: 45000, property line: 393

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: NOT MAPPED  
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: 10/01/2009  
List individual species: NONE IDENTIFIED BY BLM ECOLOGIST DURING SITE VISITS.

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: 342, water well: 1325, depth to ground water: 88  
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. PAD RE-SURVEYED 07/01/2009. 2. PAD, ROADS, AND GATHERING LINES CONSTRUCTED AND INSTALLED FALL 2008. 24" CULVERT INSTALLED ACROSS ROAD AT INTERMITTENT DRAINAGE. 7. MEMORANDUM OF "SURFACE USE, ACCESS, AND RIGHT OF WAY" AGREEMENT ATTACHED. 13. WEED MANAGEMENT IS CONDUCTED IN ACCORDANCE WITH THE BLM GLENWOOD SPRINGS NOXIOUS WEED MANAGEMENT PLAN THAT HAS BEEN ADOPTED BY LEII FOR ALL OIL AND GAS OPERATIONS IN GARFIELD COUNTY INCLUDING PRIVATE AND FEDERAL SURFACE LANDS. 14. DISTANCES TO SURFACE WATER AND WATER WELL ON FORM 2A FROM REFERENCE POINT. DISTANCES ON LOCATION DRAWING FROM EDGE OF DISTURBANCE. LOCATION PART OF LARAMIE ENERGY II, LLC WEST MAMM MASTER DEVELOPMENT PLAN SUBMITTED TO THE GLENWOOD SPRINGS ENERGY OFFICE 10/01/09. ONSITES CONDUCTED 10/27/2009 WITH INVITATION TO THE COGCC. EA NO. CO-N040-2010-0008EA. BLM CONTACT REBECCA BEAVERS 970/876-9059.

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

Signed: \_\_\_\_\_ Date: \_\_\_\_\_ Email: WBANKERT@LARAMIE-ENERGY.COM

Print Name: WAYNE P. BANKERT Title: REGULATORY

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
2063687	SURFACE AGRMT/SURETY	LF@2214340 2063687
2094435	FORM 2A	LF@2214369 2094435
2094436	LOCATION PICTURES	LF@2214334 2094436
2094437	LOCATION DRAWING	LF@2214370 2094437
2094438	HYDROLOGY MAP	LF@2214335 2094438
2094439	ACCESS ROAD MAP	LF@2214336 2094439
2094440	REFERENCE AREA MAP	LF@2214337 2094440
2094441	REFERENCE AREA PICTURES	LF@2214338 2094441
2094442	CONST. LAYOUT DRAWINGS	LF@2214371 2094442
2094443	MULTI-WELL PLAN	LF@2214339 2094443
2094444	PROPOSED BMPs	LF@2214372 2094444
2094445	SURFACE AGRMT/SURETY	LF@2214373 2094445

Total Attach: 12 Files