

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:

2094413

Oil and Gas Location Assessment

☐ New Location ☒ Amend Existing Location Location#: 334423

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:

334423

Expiration Date:

03/25/2013

☐ 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: 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: 05-05 PAD

County: GARFIELD

QuarterQuarter: TRCT40 Section: 5 Township: 8S Range: 93W Meridian: 6 Ground Elevation: 8224

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: 1763 feet, from North or South section line: FNL and 172 feet, from East or West section line: FWL

Latitude: 39.399073 Longitude: -107.805990 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: <input type="checkbox"/>	Drilling Pits: <input type="checkbox"/> <u>1</u>	Wells: <input type="checkbox"/> <u>21</u>	Production Pits: <input type="checkbox"/>	Dehydrator Units: <input type="checkbox"/>
Condensate Tanks: <input type="checkbox"/> <u>8</u>	Water Tanks: <input type="checkbox"/>	Separators: <input type="checkbox"/> <u>6</u>	Electric Motors: <input type="checkbox"/>	Multi-Well Pits: <input type="checkbox"/>
Gas or Diesel Motors: <input type="checkbox"/>	Cavity Pumps: <input type="checkbox"/>	LACT Unit: <input type="checkbox"/>	Pump Jacks: <input type="checkbox"/>	Pigging Station: <input type="checkbox"/>
Electric Generators: <input type="checkbox"/>	Gas Pipeline: <input type="checkbox"/> <u>1</u>	Oil Pipeline: <input type="checkbox"/>	Water Pipeline: <input type="checkbox"/> <u>1</u>	Flare: <input type="checkbox"/>
Gas Compressors: <input type="checkbox"/>	VOC Combustor: <input type="checkbox"/> <u>1</u>	Oil Tanks: <input type="checkbox"/>	Fuel Tanks: <input type="checkbox"/>	

Other: 2 PHASE SEPARATION. CONDENSATE AND WATER PRODUCED INTO COMMON TANKS. 21 SEPARATORS IN 5 "4-PACK" KIT AND 1 "2 pack".

6. Construction:

Date planned to commence construction: 08/01/2010 Size of disturbed area during construction in acres: 4.70
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: 8224 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: 20070074 ☐ 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: 1943, public road: 4805, above ground utilit: 8129
, railroad: 43200, property line: 239

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 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: 244, water well: 1325, depth to ground water: 34

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 Supply 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-SUVEYED 7/01/09. 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: 01/15/2010 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: _____

David S. Nash

Director of COGCC

Date: 3/26/2010

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.

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

Location is in a sensitive area because of close 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.

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.

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.

Attachment Check List

Att Doc Num	Name	Doc Description
2032855	CORRESPONDENCE	LF@2418521 2032855
2032856	PROPOSED BMPs	LF@2418525 2032856
2032971	CORRESPONDENCE	LF@2436985 2032971
2032976	PROPOSED BMPs	LF@2436986 2032976
2063689	OTHER	LF@2214326 2063689
2094413	FORM 2A	LF@2214359 2094413
2094414	LOCATION PICTURES	LF@2214317 2094414
2094415	LOCATION DRAWING	LF@2214360 2094415
2094416	HYDROLOGY MAP	LF@2214319 2094416
2094417	ACCESS ROAD MAP	LF@2214321 2094417
2094418	REFERENCE AREA MAP	LF@2214323 2094418
2094419	REFERENCE AREA PICTURES	LF@2214324 2094419
2094420	CONST. LAYOUT DRAWINGS	LF@2214361 2094420
2094421	MULTI-WELL PLAN	LF@2214325 2094421
2094422	PROPOSED BMPs	LF@2214362 2094422
2094423	SURFACE AGRMT/SURETY	LF@2214363 2094423
400030210	FORM 2A SUBMITTED	LF@2221944 400030210

Total Attach: 17 Files