

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:

400078954

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:

419821

Expiration Date:

10/13/2013
☒ 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: 10316

Name: MESA ENERGY PARTNERS LLC

Address: 1001 17TH ST STE 1140

City: DENVER State: CO Zip: 80202

3. Contact Information

Name: Christopher Noonan

Phone: (303) 820-4480

Fax: (303) 820-4124

email: bob@banko1.com

4. Location Identification:

Name: BDU Number: 25-1-199

County: RIO BLANCO

Quarter: NENE Section: 25 Township: 1S Range: 99W Meridian: 6 Ground Elevation: 6554

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: 844 feet, from North or South section line: FNL and 362 feet, from East or West section line: FEL

Latitude: 39.939788 Longitude: -108.444627 PDOP Reading: 2.4 Date of Measurement: 05/26/2010

Instrument Operator's Name: E.J. Grabowski

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

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

Other: _____

6. Construction:

Date planned to commence construction: 09/20/2010 Size of disturbed area during construction in acres: 5.30
Estimated date that interim reclamation will begin: 12/20/2010 Size of location after interim reclamation in acres: 2.70
Estimated post-construction ground elevation: 6553 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: Reuse at different location

7. Surface Owner:

Name: BLM-WRFO Phone: 970-878-3800
Address: 220 E. Market Street Fax: 970-878-3805
Address: _____ Email: _____
City: Meeker State: CO Zip: 81641 Date of Rule 306 surface owner consultation: 04/20/2010
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: _____ ☐ 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: 5280, public road: 340, above ground utilit: 5280
, railroad: 5280, property line: 362

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: 75 - Rentsac-Piceance complex, 2 to 30 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: 04/20/2010

List individual species: PJ, Big Sage, Broomweed, Rabbitbrush, Slender Wheatgrass, Crested Wheatgrass, Indian Ricegrass, Bluebunch wheatgrass, June grass, Western Wheatgrass, Phlox

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: 290, water well: 2540, depth to ground water: 1200

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:

Closest water well, Permit No.: 12225-AD. This permit was denied. Second closest water well is Permit No.: 45457-MH. Surface reclamation will be covered by BLM Statewide Bond COB004929. Well Surety Plugging ID# 0071-2009. Please see attachments for DOW consultation.

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

Signed: _____ Date: 07/30/2010 Email: bob@banko1.com

Print Name: Christopher A. Noonan Title: Permit Agent

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. Neslin

COGCC Approved: _____

Director of COGCC

Date: 10/14/2010

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.

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.

Reserve pit (or any other pit used to store fluids) must be lined or closed loop system must be implemented

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

Location is in a sensitive area because of proximity to surface water (intermittent stream to the south); therefore, operator must ensure 110 percent 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 sufficiently protective of nearby surface water.

Operator must ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations. If fluids are conveyed via pipeline, operator must implement best management practices to contain any unintentional release of fluids.

Attachment Check List

Att Doc Num	Name	Doc Description
2033316	CORRESPONDENCE	LF@2529178 2033316
400078954	FORM 2A SUBMITTED	LF@2517517 400078954
400079039	DOW CONSULTATION	LF@2517518 400079039
400079112	CONST. LAYOUT DRAWINGS	LF@2517519 400079112
400079113	CONST. LAYOUT DRAWINGS	LF@2517520 400079113
400079114	CONST. LAYOUT DRAWINGS	LF@2517521 400079114
400079115	HYDROLOGY MAP	LF@2517522 400079115
400079118	LOCATION DRAWING	LF@2517523 400079118
400079119	REFERENCE AREA MAP	LF@2517524 400079119
400079120	REFERENCE AREA PICTURES	LF@2517525 400079120
400081058	NRCS MAP UNIT DESC	LF@2517526 400081058
400081079	ACCESS ROAD MAP	LF@2517527 400081079
400081781	LOCATION PICTURES	LF@2517528 400081781

Total Attach: 13 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Added committed to an Oil and gas lease and executor, changed surface bond to na, and changed distance to nearest public road to 340' to comply with the submitted plats	10/12/2010 10:19:21 AM
OGLA	Initiated/Completed OGLA Form 2A review on 08-19-10 by Dave Kubeczko; requested clarifications and acknowledgement of close SW fluid containment, spill/release BMPs, lined pits/closed loop, cuttings low moisture, no pit in fill COAs from operator on 08-19-10; received clarifications and acknowledgement of COAs from operator on 08-20-10; passed by CDOW on 08-11-10, with operator submitted (with permit application) BMPs acceptable; passed OGLA Form 2A review on 08-26-10 by Dave Kubeczko; close SW fluid containment, spill/release BMPs, lined pits/closed loop, cuttings low moisture, no pit in fill COAs.	8/19/2010 12:01:53 PM
DOW	The CDOW on-sited this location along with the operator and the WRFO of BLM on 22 April 2010. CDOW affirms that the operator submitted BMP's, as well as the stipulations of the lease agreement, as conditions of approval for this location. Submitted by: Ed Winters, Land Use Specialist 6 August 2010 @ 09:44	8/19/2010 12:01:32 PM
Permit	email confirmation that lat for this 2A IS correct 8/5; opr resubmitted with location pictures - on hold awaiting latitude reconciliation from form 2 and 2A and plat	8/5/2010 9:50:06 AM
Permit	put to draft per KK request (push back to draft status missing location pictures and plugging bond ifo not needed 8/2 kk.)	8/2/2010 2:25:14 PM

Total: 5 comment(s)

Error: Subreport could not be shown.