

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:  
400065088

**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:  
**418323**  
Expiration Date:  
**07/14/2013**

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: 13-8-199  
County: RIO BLANCO  
Quarter: SENE Section: 13 Township: 1S Range: 99W Meridian: 6 Ground Elevation: 6549  
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: 2615 feet, from North or South section line: FNL and 1266 feet, from East or West section line: FEL  
Latitude: 39.964337 Longitude: -108.448005 PDOP Reading: 1.9 Date of Measurement: 05/19/2010  
Instrument Operator's Name: Jim 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: 07/05/2010 Size of disturbed area during construction in acres: 5.50  
 Estimated date that interim reclamation will begin: 09/06/2010 Size of location after interim reclamation in acres: 1.20  
 Estimated post-construction ground elevation: 6540 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 another location

7. Surface Owner:

Name: BLM-WRFO Phone: 970-878-3800  
 Address: 220 E. Market Street Fax: 970-878-3805  
 Address: \_\_\_\_\_ Email: wrfomail@blm.gov  
 City: Meeker State: CO Zip: 81641 Date of Rule 306 surface owner consultation: \_\_\_\_\_  
 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: 2873, above ground utilit: 5280  
 , railroad: 5280, property line: 2980

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: 73 Rentsax channery loam, 5 to 50 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: \_\_\_\_\_

List individual species: Big Sagebrush, P.J. Intermediate Wheatgrass, Indian Ricegrass, Bluebunch Wheatgrass, June grass, Western Wheatgrass, and 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: 300, water well: 30360, 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 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:

Closest water well, Permit No.: Unknown. Confidential status. No water depth reported. Surface Reclamation will be covered by BLM Statewide Bond. 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: 05/28/2010 Email: bob@banko1.com

Print Name: Christopher 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.

COGCC Approved: \_\_\_\_\_

Director of COGCC

Date: 7/15/2010

**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.

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.

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.

Location is in a sensitive area because of proximity to surface water; therefore, operator must ensure 110 percent secondary

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

**Attachment Check List**

Att Doc Num	Name	Doc Description
2033184	LOCATION PICTURES	LF@2486556 2033184
2033201	CORRESPONDENCE	LF@2489210 2033201
400065088	FORM 2A SUBMITTED	LF@2483456 400065088
400065553	NRCS MAP UNIT DESC	LF@2483457 400065553
400065557	DOW CONSULTATION	LF@2483458 400065557
400065618	HYDROLOGY MAP	LF@2483459 400065618
400065778	CONST. LAYOUT DRAWINGS	LF@2483460 400065778
400065792	CONST. LAYOUT DRAWINGS	LF@2483461 400065792
400065793	CONST. LAYOUT DRAWINGS	LF@2483462 400065793
400065794	HYDROLOGY MAP	LF@2483463 400065794
400065795	LOCATION DRAWING	LF@2483464 400065795
400065799	WELL LOCATION PLAT	LF@2483465 400065799
400065803	REFERENCE AREA MAP	LF@2483466 400065803
400065809	REFERENCE AREA PICTURES	LF@2483467 400065809
400065810	OTHER	LF@2483468 400065810
400065812	REFERENCE AREA MAP	LF@2483469 400065812
400065813	OTHER	LF@2483470 400065813
400065814	ACCESS ROAD MAP	LF@2483472 400065814

Total Attach: 18 Files