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: 400064108

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. Approvalof 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: 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) 820-4482

Fax: (303) 820-4124

email: bob@banko1.com

4. Location Identification:

Name: BDU Number: 1-9-299

County: RIO BLANCO

QuarterQuarter: NESE Section: 1 Township: 2S Range: 99W Meridian: 6 Ground Elevation: 6728

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: 2604 feet, from North or South section line: FSL and 1181 feet, from East or West section line: FEL

Latitude: 39.905415 Longitude: -108.448395 PDOP Reading: 1.9 Date of Measurement: 05/06/2010

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

Other: _____

6. Construction:

Date planned to commence construction: 07/05/2010 Size of disturbed area during construction in acres: 5.00

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: 6725 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: 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: 20090071 ☐ 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: 1750 , above ground utilit: 5280

, railroad: 5280 , property line: 1181

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 Rentsac channery laom, 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: 04/22/2010

List individual species: Big sagebrush, PJ, Bitterbrush, Broomweed, Slender wheatgrass, Indian ricegrass, Junegrass, 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: 2060 , water well: 895 , depth to ground water: 0

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: 05/24/2010 Email: bob@banko1.com

Print Name: Christoper A. Noonan Title: Permit Agent for Mesa

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: _____

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.

Attachment Check List

Att Doc Num	Name	Doc Description
400064356	NRCS MAP UNIT DESC	BDU 1-9-299 Map Unit Description.pdf
400064357	CONST. LAYOUT DRAWINGS	BDU 1-9-299 Construction Layout 1.pdf
400064358	CONST. LAYOUT DRAWINGS	BDU 1-9-299 Construction Layout 2.pdf
400064359	CONST. LAYOUT DRAWINGS	BDU 1-9-299 Construction Layout 3.pdf
400064360	OTHER	BDU 1-9-299 Cross Sections 1.pdf
400064361	OTHER	BDU 1-9-299 Cross Sections 2.pdf
400064362	OTHER	BDU 1-9-299 Existing Contours.pdf
400064363	OTHER	BDU 1-9-299 Final Abandonment.pdf
400064366	HYDROLOGY MAP	BDU 1-9-299 Hydrology Map.pdf
400064367	LOCATION DRAWING	BDU 1-9-299 Location Drawing.pdf
400064368	WELL LOCATION PLAT	BDU 1-9-299 Location Map.pdf
400064369	OTHER	BDU 1-9-299 Pad Layout revised.pdf
400064370	OTHER	BDU 1-9-299 Production Schematic.pdf
400064371	REFERENCE AREA MAP	BDU 1-9-299 Reference Map.pdf
400064372	OTHER	BDU 1-9-299 Rig Layout.pdf
400064373	TOPO MAP	BDU 1-9-299 Well Vicinity.pdf
400064374	ACCESS ROAD MAP	BDU 1-9-299 Access Road Map-col.pdf
400064375	ACCESS ROAD MAP	BDU 1-9-299 Area Map-col.pdf
400064376	OTHER	BDU 1-9-299 Pipeline Map-col.pdf
400064377	REFERENCE AREA PICTURES	BDU 1-9-299 Reference Photos.pdf
400064378	OTHER	DOW Consultation.pdf
400064585	LOCATION PICTURES	BDU 1-9-299 Location Photos.pdf
400064587	HYDROLOGY MAP	BDU 1-9-299 Hydrology II Map.pdf

Total Attach: 23 Files