

FORM
2A

Rev
04/01

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400328700

Date Received:

09/27/2012

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 standalone 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:

430715

Expiration Date:

11/06/2015

☒ 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: 35080

Name: GRAND MESA OPERATING CO

Address: 1700 N. WATERFRONT PKWY BL 600

City: WICHITA State: KS Zip: 67206

3. Contact Information

Name: Ronald Sinclair

Phone: (316) 265-3000

Fax: (316) 265-3455

email: rsinclair@gmocks.com

4. Location Identification:

Name: APC-Martin Number: 1-3

County: LINCOLN

QuarterQuarter: NE/SE Section: 3 Township: 10S Range: 55W Meridian: 6 Ground Elevation: 5237

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: 1743 feet FSL, from North or South section line, and 1539 feet FEL, from East or West section line.

Latitude: 39.205420 Longitude: -103.532870 PDOP Reading: 1.8 Date of Measurement: 09/06/2012

Instrument Operator's Name: Keith Westfall-High Prairie Survey

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"/> 1	Wells: <input type="checkbox"/> 1	Production Pits: <input type="checkbox"/>	Dehydrator Units: <input type="checkbox"/>
Condensate Tanks: <input type="checkbox"/>	Water Tanks: <input type="checkbox"/>	Separators: <input type="checkbox"/>	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"/>	Oil Pipeline: <input type="checkbox"/>	Water Pipeline: <input type="checkbox"/>	Flare: <input type="checkbox"/>
Gas Compressors: <input type="checkbox"/>	VOC Combustor: <input type="checkbox"/>	Oil Tanks: <input type="checkbox"/>	Fuel Tanks: <input type="checkbox"/>	

Other: _____

6. Construction:

Date planned to commence construction: 11/01/2012 Size of disturbed area during construction in acres: 4.28
Estimated date that interim reclamation will begin: 11/01/2014 Size of location after interim reclamation in acres: 3.00
Estimated post-construction ground elevation: 5237 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: DRY/BURYING

7. Surface Owner:

Name: _____ Phone: _____
Address: _____ Fax: _____
Address: _____ Email: _____
City: _____ State: _____ Zip: _____ Date of Rule 306 surface owner consultation: 10/15/2012
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: 20020080 ☐ 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: 21541, public road: 9404, above ground utilit: 21541
, railroad: 10815, property line: 1539

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: 154 Midway-Razor clay loams, 5 to 15 percent slopes

NRCS Map Unit Name: 215 Wiley silt loam, 0 to 3 percent slopes - Tank Battery

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: 09/06/2012

List individual species: _____

Check all plant communities that exist in the disturbed area.

- ☐ Disturbed Grassland (Cactus, Yucca, Cheatgrass, Rye)
☐ Native Grassland (Bluestem, 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): Dry Rangeland

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: 1579, water well: 2180, depth to ground water: 8

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:

No surface waters within 1,000 feet of the location. Construction map needed - 5 to 15 percent slopes. Reference area map and pictures attached (dry rangeland). No visible improvements within 400' of the location or tank battery location. Tank battery is new and will be dedicated to the APC-Martin #1-3 well.

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

Signed: _____ Date: 09/27/2012 Email: rsinclair@gmocks.com

Print Name: Ronald N. Sinclair Title: President

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: 11/7/2012

**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.

Location is in a sensitive area because of shallow groundwater; therefore, either a lined drilling pit or closed loop system is required.

Attachment Check List

Att Doc Num	Name
2614101	LOCATION PICTURES
2614102	LOCATION PICTURES
2614103	REFERENCE AREA PICTURES
2614104	REFERENCE AREA PICTURES
2614105	LOCATION PICTURES
400328700	FORM 2A SUBMITTED
400328943	NRCS MAP UNIT DESC
400328952	NRCS MAP UNIT DESC
400329024	ACCESS ROAD MAP
400329027	REFERENCE AREA MAP
400330118	OTHER
400330128	LOCATION DRAWING
400330147	HYDROLOGY MAP
400330175	PROPOSED BMPs
400330222	SURFACE OWNER CONSENT
400330788	HYDROLOGY MAP
400330789	CONST. LAYOUT DRAWINGS
400331553	CORRESPONDENCE
400332925	SURFACE AGRMT/SURETY

Total Attach: 19 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final review complete. No public or LGD comments.	11/6/2012 11:52:06 AM
OGLA	Removed production equipment from the Form 2A: the operator stated that if the well is brought into production, then a production facility will be located remote from the well location in the SW 1/4 of Section 3. Operator (M. Combs) confirmed via phone that they will submit a Form 2A for approval prior to construction of the tank battery.	11/6/2012 10:50:22 AM
OGLA	The landowner of Section 3 and the north half of Section 10 has requested that the operator not sample the water wells on the land for safety and liability reasons. The water wells in question (permit numbers 0184953, 0184954, 0265614, 287476) are shallow stock wells, and no other registered water wells are present within 1 mile of the proposed location. Therefore no condition of approval for water well sampling will be applied to this location.	11/6/2012 10:35:49 AM
OGLA	Attached revised Location Pictures and Reference Area Pictures; changed distance to water well based on Hydrology Map; changed the Sensitive Area Designation to Yes; operator concurred with lining the drilling pit; waiting on water well sampling COA response	10/31/2012 2:23:31 PM
OGLA	Emailed operator regarding status of initial request made 10/12/2012	10/31/2012 7:33:27 AM
LGD	Passed by LGD	10/22/2012 2:18:58 PM
OGLA	requested revised Location and Reference Area Pictures; location of tank battery; Sensitive Area Designation and COAs for a lined pit and water well sampling	10/12/2012 10:12:01 AM
Permit	Operator made corrections.	10/2/2012 1:30:47 PM
Permit	Returned to draft. Surface owner committed to an oil and gas lease, but not the mineral owner. Right to construct given by oil and gas lease or SUA? Do not need bond info on Surface and Minerals page.	10/1/2012 2:25:29 PM

Total: 9 comment(s)

BMP

<u>Type</u>	<u>Comment</u>
Construction	It is not anticipated construction activities to include dewatering excavated areas. If groundwater springs or seeps are encountered, measures will be used to divert flows away from excavations and disturbed areas. BMPs may include diversion ditches. The SWMP will be modified if this issue is encountered at the site.
Construction	Right to construct is given by the Right of Way Agreement and is attached to the form 2 & 2A

Total: 2 comment(s)