

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:
400359202

Date Received:
01/03/2013

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:

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: 47200
 Name: KGH OPERATING COMPANY
 Address: P O BOX 2235
 City: BILLINGS State: MT Zip: 59103-2235

3. Contact Information

Name: Thomas Hauptman
 Phone: (406) 259-8509
 Fax: (970) 858-4163
 email: tkproduc@180com.net

4. Location Identification:

Name: Meagher #14-1H Number: 14-1H
 County: RIO BLANCO
 Quarter: SWNE Section: 14 Township: 1S Range: 104W 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: 1630 feet FNL, from North or South section line, and 2700 feet FWL, from East or West section line.
 Latitude: 39.964014 Longitude: -109.035809 PDOP Reading: 3.1 Date of Measurement: 10/18/2012
 Instrument Operator's Name: C. Van Matre

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"/>	Dehydrator Units: <input type="text"/>
Condensate Tanks: <input type="text" value="3"/>	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" value="1"/>	Oil Pipeline: <input type="text"/>	Water Pipeline: <input type="text"/>	Flare: <input type="text" value="1"/>
Gas Compressors: <input type="text"/>	VOC Combustor: <input type="text"/>	Oil Tanks: <input type="text"/>	Fuel Tanks: <input type="text"/>	

Other: _____

6. Construction:

Date planned to commence construction: 04/15/2013 Size of disturbed area during construction in acres: 1.83
Estimated date that interim reclamation will begin: 04/15/2016 Size of location after interim reclamation in acres: 1.07
Estimated post-construction ground elevation: 6554 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: Dale A. Meagher Phone: _____
Address: 1163 Sout 500 West Fax: _____
Address: _____ Email: _____
City: Vernal State: UT Zip: 84078 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: 20030032 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: 11786, above ground utilit: 5280
, railroad: 64944, property line: 1010

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 loam, 5 to 50 percent slopes
NRCS Map Unit Name: 91- Torriorthents-Rock outcrop complex, 15 to 90 percent slopes
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: 10/18/2012
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): Pinyon and Juniper

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: 650 , water well: 5280 , depth to ground water: 300
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:

The distance to the nearest surface water is actually the distance to the nearest ephemeral stream/dry gulch. A search of the DWR database found no water wells in T1S, R104W. A consultation with DPW Land Use Specialist, Jacob Davidson, was held on December 19, 2012. He provided the recommended Wildlife BMPs. KGH concurs with these recommendations and agrees to implement the BMPs.

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

Signed: _____ Date: 01/03/2013 Email: jhofman@olssonassociates.com
Print Name: Jeff Hofman Title: Associate Scientist

Surface Owner Information

Owner Name	Address	Phone	Fax	Email
Dale A. Meagher	1163 Sout 500 West Vernal, UT 84078			
Mahogany Resources, LLC	2219 Avenida Platanar San Clemente, CA 92673			
Preas Family LLC	903 N. Jackson St. Huntingburg, IN 47542			
3 Surface Owner(s)				

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
400359202	FORM 2A SUBMITTED
400359668	WELL LOCATION PLAT
400359675	ACCESS ROAD MAP
400359679	CONST. LAYOUT DRAWINGS
400359685	LOCATION DRAWING
400359689	LOCATION PICTURES
400359691	REFERENCE AREA MAP
400359693	REFERENCE AREA PICTURES
400359702	NRCS MAP UNIT DESC
400361048	HYDROLOGY MAP
400363984	DOW CONSULTATION
400364312	TOPO MAP
400364314	LEGAL/LEASE DESCRIPTION
400365624	SURFACE OWNER CONSENT
400365625	DRILLING PLAN

Total Attach: 15 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)

BMP

<u>Type</u>	<u>Comment</u>
Material Handling and Spill Prevention	<p>Spill Prevention Control and Countermeasures (SPCC)</p> <p>Once the wells are drilled and completed onsite KGH will prepare a SPCC plan for the site.</p>
Wildlife	<ol style="list-style-type: none">1. Where oil and gas activities must occur in mule deer critical winter range or elk winter concentration areas, conduct these activities outside the time period from December 1 through April 15 (construction and drilling).2. Restrict post-development well site visitations to between the hours of 10:00 am and 3:00 pm and reduce well site visitations between December 1 and April 15 in mule deer critical winter range.3. Establish company guidelines to minimize wildlife mortality from vehicle collisions on roads.4. Gate single-purpose road and restrict general public access to reduce traffic disruptions to wildlife.5. Close and immediately reclaim all roads that are redundant, not used regularly, or have been abandoned to the maximum extent possible to minimize disturbance and habitat fragmentation.6. Avoid aggressive non-native grasses and shrubs in mule deer and elk habitat restoration.7. Reclaim mule deer habitats with native shrubs, grasses, and forbs appropriate to the ecological site disturbed.8. Restore appropriate sagebrush species or subspecies on disturbed sagebrush sites. Use locally collected seed for reseeded where possible.
Storm Water/Erosion Control	<p>Stormwater management will be managed under KGH Operating Company's (KGH) proposed stormwater management plan prepared for the project area. A Stormwater Plan and Permit will be submitted to CDPHE as required. Prior to construction a stormwater "perimeter" will be built around the site for initial work purposes. Once the pad construction is completed, the site will be inspected and any necessary erosion control devices needed to manage sediment discharge from the pad will be installed. These devices may include but are not limited to:</p> <ul style="list-style-type: none">-Rock Check Dams-Settling Ponds-Straw Waddles-Silt Fencing (Used Sparingly)

Total: 3 comment(s)