

FORM  
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04/01State 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:

2587822

## Oil and Gas Location Assessment

☐ New Location☒ Amend Existing Location Location#: 380452

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:

**380452**

Expiration Date:

**08/18/2014**☒ 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: 60890

Name: MOUNTAIN PETROLEUM CORP

Address: 1801 BROADWAY STE 1250

City: DENVER State: CO Zip: 80202

## 3. Contact Information

Name: JAKE FLORA

Phone: (907) 748-6385

Fax: ( )

email: JAKEFLORA@KFRCCORP.COM

## 4. Location Identification:

Name: SSM UPRR Number: 1-5

County: CHEYENNE

QuarterQuarter: SENE Section: 5 Township: 15S Range: 48W Meridian: 6 Ground Elevation: 4295

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: 1989 feet FNL, from North or South section line, and 657 feet FEL, from East or West section line.

Latitude: 38.773210 Longitude: -102.797650 PDOP Reading: 2.5 Date of Measurement: 06/28/2011

Instrument Operator's Name: KEITH WESTFALL

## 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"/> 2	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"/> 1	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"/> 2	Fuel Tanks: <input type="checkbox"/>	

Other: SHOULD PRODUCTION BE ESTABLISHED ONE PUMPJACK, ONE SEPARATOR, AND TWO TANKS WOULD BE SET ON LOCATION

## 6. Construction:

Date planned to commence construction: 08/23/2011 Size of disturbed area during construction in acres: 2.00  
Estimated date that interim reclamation will begin: 08/23/2012 Size of location after interim reclamation in acres: 1.50  
Estimated post-construction ground elevation: 4295 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: \_\_\_\_\_ Phone: \_\_\_\_\_  
Address: \_\_\_\_\_ Fax: \_\_\_\_\_  
Address: \_\_\_\_\_ Email: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ 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: 20090066 ☐ 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: 58, public road: 657, above ground utilit: 400  
, railroad: 1, property line: 657

### 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: MANZANOLA CLAY LOAM, UNIT 30, 0-3% SLOPES

NRCS Map Unit Name: 13: Fort Collins loam, 0 to 3 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: \_\_\_\_\_

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): \_\_\_\_\_

### 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: 35, water well: 876, depth to ground water: 47

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:

THE NEARBY WATER WELL WILL BE PROTECTED BY FENCING, SIGNAGE, AND/OR A BERM WHILE OPERATIONS ARE ONGOING. The nearest building is at 58' – is this correct? If so – please explain. There is a small uninhabited shed for something to do with the well (below) for stock watering We will add this comment to the form to clarify. OK.

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

Signed: \_\_\_\_\_ Date: 08/08/2011 Email: ZANEKUENZLER@KFRRCORP.COM

Print Name: ZANE KUENZLER 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: David S. Neslin Director of COGCC Date: 8/19/2011

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 site-specific best management practices in accordance with good engineering practices, including, but not limited to, construction of a berm or diversion dike, site grading, or other comparable measures, sufficient to protect the surface water body 35 feet west of the of the oil and gas location from a release of drilling, completion, produced fluids, and chemical products.

### **Attachment Check List**

Att Doc Num	Name
1792254	WAIVERS
1792262	WAIVERS
1792264	WAIVERS
2587822	FORM 2A
2587823	LOCATION PICTURES
2587824	LOCATION DRAWING
2587825	HYDROLOGY MAP
2587826	ACCESS ROAD MAP
2587827	REFERENCE AREA MAP
2587828	REFERENCE AREA PICTURES
2587829	NRCS MAP UNIT DESC
2587830	OTHER
2587831	WELL LOCATION PLAT
2587832	TOPO MAP

Total Attach: 14 Files

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Nearest surface water at 35' – is this correct? If so – please explain. The 35' is a mistake it is actually 61.5' per the location drawing. I don't know if it is classified as surface water but there is a non-exempt trib well (verbage from the Div of Water Resources Aquamap website) for livestock watering located 61.5' from the SSM 1-5. It is called the Price Well No. 1. The nearest water well for human consumption seems to be the Ervin D Tuxhorn at approximately the 657' to the southeast. We will add this comment to the form to clarify. OK.	8/17/2011 11:07:53 AM
Permit	The nearest building is at 58' – is this correct? If so – please explain. There is a small uninhabited shed for something to do with the well (below) for stock watering. We will add this comment to the form to clarify. OK.	8/17/2011 11:06:07 AM
Permit	ON HOLD waiting on clarification from operator on distance to nearest building and surface water	8/11/2011 5:47:04 PM
OGLA	Passed on 8/11/2011 due to exigent circumstances.	8/11/2011 2:42:35 PM
Permit	I waive the 20 day waiting period on the following wells. Sorry for the mix up on the previous email. 07/05/2011 07/06/2011 MOUNTAIN PETROLEUM CORP 60890 STEVE MATRE(303) 296-1500 ON HOLD 2587207 08/05/2011 RE SSM UPRR 1-5 CHEROKEE, MARMATON, MISSISSIPPIAN 5,470 SENE 5 15S 48W 1989 FNL 657 FEL 07/05/2011 07/06/2011 MOUNTAIN PETROLEUM CORP 60890 STEVE MATRE(303) 296-1500 ON HOLD 2587214 08/05/2011 RC LAS ANIMAS MINERALS 1-10 CHEROKEE, MARMATON 5,500 NESW 10 13S 50W 1952 FSL 1900 FWL Jerry Allen Cheyenne County Commissioner	8/11/2011 2:04:33 PM
OGLA	I have reservations about letting this one go through with exigent circumstances. My concern is that it is next to the Town of Kit Carsen, a water well that may be a domestic well (Sensitive Area) and the close proximity of surface water.	8/11/2011 7:52:27 AM
OGLA	Changed Sensitive area to yes due to the proximity of a Water Well. Water Well use is unknown. Added equipment from the other tab to the Facilities list.	8/10/2011 1:44:47 PM
Permit	Missing H2S question. Distance to railroad is wrong. Distance to water depth was unk on original form. Passed on to permitter for corrections.	8/10/2011 12:01:47 PM

Total: 8 comment(s)

**BMP**

<b><u>Type</u></b>	<b><u>Comment</u></b>

Total: 0 comment(s)