

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:

2095740

## Oil and Gas Location Assessment

☐ New Location
 ☒ Amend Existing Location
 Location#: 326743

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:

**326743**

Expiration Date:

**03/18/2013**☒ 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: 46290

Name: K P KAUFFMAN COMPANY INC

Address: 1675 BROADWAY, STE 2800

City: DENVER State: CO Zip: 80202

## 3. Contact Information

Name: SHERRY GLASS

Phone: (303) 825-4822X116

Fax: (303) 825-4825

email: SGLASS@KPK.COM

## 4. Location Identification:

Name: RUMSEY LAND Number: 15-4-37

County: WELD

QuarterQuarter: SWSE Section: 4 Township: 4N Range: 66W Meridian: 6 Ground Elevation: 4694

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: 547 feet, from North or South section line: FSL and 2109 feet, from East or West section line: FEL

Latitude: 40.335050 Longitude: -104.781000 PDOP Reading: 2.3 Date of Measurement: 11/09/2006

## 5. Facilities (Indicate the number of each type of oil and gas facility planned on location):

Special Purpose Pits: <input type="text"/>	Drilling Pits: <input type="text" value="1"/>	Wells: <input type="text" value="2"/>	Production Pits: <input type="text"/>	Dehydrator Units: <input type="text"/>
Condensate Tanks: <input type="text"/>	Water Tanks: <input type="text"/>	Separators: <input type="text"/>	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"/>
Electric Generators: <input type="text"/>	Gas Pipeline: <input type="text" value="2"/>	Oil Pipeline: <input type="text" value="2"/>	Water Pipeline: <input type="text"/>	Flare: <input type="text"/>
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: 10/01/2010 Size of disturbed area during construction in acres: 1.38  
Estimated date that interim reclamation will begin: 12/05/2010 Size of location after interim reclamation in acres: 0.50  
Estimated post-construction ground elevation: 4694 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: RUMSEY LAND CO., LLC Phone: \_\_\_\_\_  
Address: 5251 DTC PARKWAY, STE 290 Fax: \_\_\_\_\_  
Address: \_\_\_\_\_ Email: \_\_\_\_\_  
City: GREENWOOD State: CO Zip: 80111 Date of Rule 306 surface owner consultation: \_\_\_\_\_  
VILLAGE  
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 20010024

## 8. Reclamation Financial Assurance:

☒ Well Surety ID: 20010023 ☐ Gas Facility Surety ID: \_\_\_\_\_ ☐ Waste Mgmt. Surety ID: \_\_\_\_\_

## 9. Cultural:

Is the location in a high density area (Rule 603.b.): Yes ☐ No ☒  
Distance, in feet, to nearest building: 395, public road: 2161, above ground utilit: 279  
, railroad: 723, property line: 547

## 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: UNIT 1, ALTVAN LOAM, 0-1% 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: 11/09/2006

List individual species: \_\_\_\_\_  
\_\_\_\_\_

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: 339, water well: 755, depth to ground water: 10

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:

THERE WILL BE NO CONDUCTOR PIPE USED IN THE CONSTRUCTION OF THIS WELL BORE, AS THE NEAREST WATER WELL IS AT LEAST 755' AWAY. MAP DEPICTION OF THE SOUTH PLATTE IS SKEWED, AS EVIDENCED BY THE WATER WELL SHOWN IN THE RIVER ON THE HYDROLOGY MAP, AND MEASURED DISTANCE FROM THAT POINT IS OVER 800' DISTANT. THE UNION DITCH IS CONCRETE LINED. BMP ARE ON FILE AT KPK CORPORATE OFFICE, IF THERE IS CONCERN FOR GROUNDWATER CONTAMINATION AND ALL OPERATIONS WILL BE CONDUCTED TO PRESERVE GROUNDWATER QUALITY. EXECUTED SUA WITH SURFACE OWNER AND COPY WILL BE ATTACHED TO FORM 2. THERE IS A FENCE AND IRRIGATION PIPE TRENCH AT 83' AND 86' TO THE SOUTHWEST RESPECTIVELY, A LEASE/AGRICULTURAL ROAD SOUTH OF THE LOCATION WITH OVERHEAD DOMESTIC POWER LINES ON THE SOUTH SIDE OF THE ROAD AND THE UNION DITCH RUNNING SOUTH OF THE POWER LINES. THERE ARE FARM BUILDINGS WITHIN 400' OF THE LOCATION AND A HOUSE APPROXIMATELY 600 FT TO THE NORTHWEST OF THE LOCATION. THIS LOCATION WAS FORMERLY THE RUMSEY LAND #4-34-A1. THIS LOCATION OFFSETS THE RUMSEY MONFORT #1-4 PRODUCING WELL TO THE SOUTHEAST. THE TANK BATTERY FOR THIS LOCATION IS LOCATED TO THE EAST-SOUTHEAST ABOUT 1,070 FT. PAGE 2 OF RUMSEY LAND #15-4-37, LOCATION #326743 FORM 2A.

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

Signed: \_\_\_\_\_ Date: 02/05/2010 Email: SGLASS@KPK.COM

Print Name: SHERRY GLASS Title: ENGINEERING

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: 3/19/2010

**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.**

Location is in a sensitive area because of close proximity to surface water, therefore, operator must ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations.

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	Doc Description
2085214	CORRESPONDENCE	LF@2428641 2085214
2085220	CORRESPONDENCE	LF@2428684 2085220
2095740	FORM 2A	LF@2393882 2095740
2095748	LOCATION PICTURES	LF@2393901 2095748
2095749	LOCATION PICTURES	LF@2393902 2095749
2095750	LOCATION DRAWING	LF@2393903 2095750
2095751	HYDROLOGY MAP	LF@2393883 2095751
2095752	ACCESS ROAD MAP	LF@2393900 2095752
2095753	NRCS MAP UNIT DESC	LF@2393884 2095753
2095754	MULTI-WELL PLAN	LF@2393899 2095754
400039072	FORM 2A SUBMITTED	LF@2425267 400039072

Total Attach: 11 Files