

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



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Document Number:

2096217

**Oil and Gas Location Assessment**

New Location       Amend Existing Location      Location#: 332566

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:

**332566**

Expiration Date:

**04/05/2013**

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: SGALSS@KPK.COM

**4. Location Identification:**

Name: RML Number: #5-8-32

County: WELD

Quarter: SWNW Section: 8 Township: 4N Range: 66W Meridian: 6 Ground Elevation: 4716

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: 2098 feet, from North or South section line: FNL and 718 feet, from East or West section line: FWL

Latitude: 40.328470 Longitude: -104.809270 PDOP Reading: 2.1 Date of Measurement: 12/12/2006

**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"/> <u>1</u>	Wells: <input type="checkbox"/> <u>2</u>	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"/> <u>1</u>	Oil Pipeline: <input type="checkbox"/> <u>1</u>	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: 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: 4716 Will a closed loop system be used for drilling fluids: Yes
Will salt sections be encountered during drilling: Yes No X Is H2S anticipated? Yes No
Will salt (>15,000 ppm TDS Cl) or oil based muds be used: Yes No X
Mud disposal: Offsite X Onsite Method: Land Farming Land Spreading X Disposal Facility
Other:

7. Surface Owner:

Name: RML C/O HARVEY DEUTSCH Phone:
Address: 9145 Fax:
Address: E KENYON AVE Email:
City: STE 200 State: CO Zip: 80237 Date of Rule 306 surface owner consultation: 02/16/2010
Surface Owner: X Fee State Federal Indian
Mineral Owner: X Fee State Federal Indian
The surface owner is: X the mineral owner X committed to an oil and gas lease
X 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 X Blanket Surety ID 20010024

8. Reclamation Financial Assurance:

X Well Surety ID: 20010023 Gas Facility Surety ID: Waste Mgnt. Surety ID:

9. Cultural:

Is the location in a high density area (Rule 603.b.): Yes No X
Distance, in feet, to nearest building: 727 , public road: 718 , above ground utilit: 718
, railroad: 497 , property line: 718

10. Current Land Use (Check all that apply):

Crop Land: X Irrigated Dry land Improved Pasture Hay Meadow CRP
Non-Crop Land: Rangeland Timber Recreational Other (describe):
Subdivided: X Industrial Commercial Residential

11. Future Land Use (Check all that apply):

Crop Land: X Irrigated Dry land Improved Pasture Hay Meadow CRP
Non-Crop Land: Rangeland Timber Recreational Other (describe):
Subdivided: X 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: #2. ALTVAN LOAM, 1 TO 3 PERCENT SLOPES

NRCS Map Unit Name: #3. AQUILIS AND AQUENTS, GRAVELLY SUBSTRATUM

NRCS Map Unit Name: #21. DACONO CLAY LOAM, 0 TO 1 PERCENT SLOPES

### 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: 12/12/2006

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: 121, water well: 81, depth to ground water: 23

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

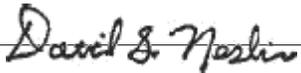
15. Comments:

THERE WILL BE NO CONDUCTOR PIPE USED IN THE CONSTRUCTION OF THIS WELL BORE AS THE CLOSET DOMESTIC WATER WELL WILL BE PROTECTED WITH SURFACE CASING AND THE SOUTH PLATTE RIVER IS OVER 1750' AWAY. EXECUTED SUA WITH SURFACE OWNER IN FEBRUARY 2009 AND COPY WILL BE ATTACHED TO FORM 2. UNTIL SUCH TIME THAT AGGREGATE INDUSTRIES, INC WILL CONDUCT MINING OPERATIONS. THE TENANT FARMER WILL USE THE SURFACE FOR AGRICULTURAL PURPOSES. THERE IS AN EXISTING IRRIGATION DITCH AT 121' TO THE SOUTHEAST, POWER LINES (AT 497' TO THE NORTHWEST OF THE RAILROAD TRACKS AND ONE OR TWO TALLER POWER POLES WITHIN 480' ON THE SOUTHEASTERN SIDE OF THE RAILROAD RIGHT-OF-WAY), A RAILROAD (AT 497' TO THE NORTHWEST), AND PUBLIC HIGHWAY 60 (AT 718' TO THE WEST) OF THIS PROPOSED LOCATION, (PLEASE SEE WELL LOCATION MAP AND ATTACHMENT B TO WELL LOCATION MAP FOR SITE SPECIFIC VISIBLE IMPROVEMENTS. PROPOSED FUTURE ACCESS ROAD IS ALSO INDICATED ON ATTACHMENT A (EXHIBIT A TO SUA)). THIS LOCATION WAS FORMERLY THE RML #8-12-A1. PER SUA GATHERING LINES ARE INDICATED ON ATTACHMENT A TO WELL LOCATION MAP, AS WELL AS EXISTING TANK BATTERY, WHERE ADDITIONAL TANKS FOR PRODUCTION FROM RML #5-8-32 WILL BE SITED. ALSO, EXHIBITS A-1 (RELABELED ATTACHMENT A TO WELL LOCATION MAP SEPARATELY), A-2, A-3 ATTACHED TO SUA ARE INDICATIVE OF FUTURE USE BY AGGREGATE INDUSTRIES. PAGE 2 OF RML #5-8-32, LOCATION #332566 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: 02/16/2010 Email: SGLASS@KPK.ORG  
 Print Name: SHERRY GLASS Title: ENGINEERING TECHNICIAN

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: 4/6/2010

**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 proximity to a domestic water well; therefore either a lined drilling pit or closed loop system is required.

**Attachment Check List**

Att Doc Num	Name	Doc Description
2085230	CORRESPONDENCE	LF@2431467 2085230
2096217	FORM 2A	LF@2421604 2096217
2096225	LOCATION PICTURES	LF@2421663 2096225
2096226	LOCATION PICTURES	LF@2421664 2096226
2096227	LOCATION DRAWING	LF@2421665 2096227
2096228	LOCATION DRAWING	LF@2421605 2096228
2096229	LOCATION DRAWING	LF@2421662 2096229
2096230	HYDROLOGY MAP	LF@2421606 2096230
2096231	ACCESS ROAD MAP	LF@2421661 2096231
2096232	NRCS MAP UNIT DESC	LF@2421607 2096232
2096233	MULTI-WELL PLAN	LF@2421660 2096233
400042484	FORM 2A SUBMITTED	LF@2427876 400042484

Total Attach: 12 Files