

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:

400408651

Date Received:

07/31/2013

## 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: 46290  
 Name: K P KAUFFMAN COMPANY INC  
 Address: 1675 BROADWAY, STE 2800  
 City: DENVER      State: CO      Zip: 80202

### 3. Contact Information

Name: Susana Lara-Mesa  
 Phone: (303) 825-4822  
 Fax: (303) 825-4825  
 email: slaramesa@kpk.com

### 4. Location Identification:

Name: Sunmarke      Number: #22H Pad  
 County: WELD  
 Quarter: SESW    Section: 22    Township: 4N    Range: 67W    Meridian: 6    Ground Elevation: 4865

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: 760 feet FSL, from North or South section line, and 2351 feet FWL, from East or West section line.  
 Latitude: 40.292830    Longitude: -104.877790    PDOP Reading: 1.4    Date of Measurement: 07/30/2013  
 Instrument Operator's Name: E. Davis

### 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"/>	Wells: <input type="text" value="8"/>	Production Pits: <input type="text"/>	Dehydrator Units: <input type="text"/>
Condensate Tanks: <input type="text"/>	Water Tanks: <input type="text" value="4"/>	Separators: <input type="text" value="8"/>	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" value="1"/>	Pump Jacks: <input type="text"/>	Pigging Station: <input type="text"/>
Electric Generators: <input type="text"/>	Gas Pipeline: <input type="text" value="16"/>	Oil Pipeline: <input type="text" value="16"/>	Water Pipeline: <input type="text" value="16"/>	Flare: <input type="text"/>
Gas Compressors: <input type="text" value="1"/>	VOC Combustor: <input type="text" value="2"/>	Oil Tanks: <input type="text" value="16"/>	Fuel Tanks: <input type="text"/>	

Other: \_\_\_\_\_

### 6. Construction:

Date planned to commence construction: 12/01/2013 Size of disturbed area during construction in acres: 2.00  
Estimated date that interim reclamation will begin: 03/01/2014 Size of location after interim reclamation in acres: 2.00  
Estimated post-construction ground elevation: 4865 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: Sunmarke Investments LLC Phone: \_\_\_\_\_  
Address: 5105 DTC Parkway Fax: \_\_\_\_\_  
Address: \_\_\_\_\_ Email: \_\_\_\_\_  
City: Greenwood Village State: CO Zip: 80111 Date of Rule 306 surface owner consultation: 07/30/2013  
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: 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: 720, public road: 730, above ground utilit: 178  
, railroad: 5280, property line: 238

### 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: Colby loam, 3 to 5 percent slopes  
NRCS Map Unit Name: Weld loam, 1 to 3 percent slpes  
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: 07/30/2013  
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: 300, water well: 892, depth to ground water: 12

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 30-day surface owner large equipment notice has been waived by surface owner in the SUA (highlighted). The surface owner has also acknowledged the setback exception location request. K.P. Kauffman Company, Inc. requests approval of a rule 318Aa exception location given that proposed location is closer than 500' from the section line, the request has been made through the APDs for each well on this pad. The surface owner has also acknowledged adding a new pad in the same quarter quarter where existing well is greater than fifty feet away. K.P. Kauffman Company, Inc. requests approval of a rule 318Ac exception location. The request has been made through the APDs for each well on this pad.

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

Signed: \_\_\_\_\_ Date: 07/31/2013 Email: slramesa@kpk.com

Print Name: Susana Lara-Mesa Title: Engineering Project Mgr.

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.**

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**Attachment Check List**

Att Doc Num	Name
400408651	FORM 2A SUBMITTED
400460330	ACCESS ROAD MAP
400460331	HYDROLOGY MAP
400460332	LOCATION DRAWING
400460333	LOCATION PICTURES
400460336	NRCS MAP UNIT DESC
400461102	SURFACE AGRMT/SURETY
400461154	WASTE MANAGEMENT PLAN
400462633	MULTI-WELL PLAN

Total Attach: 9 Files

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Multi-well plan has all other attachments included. Back to draft for removal of other documents.	3/1/2013 2:09:39 PM

Total: 1 comment(s)

**BMP**

<b><u>Type</u></b>	<b><u>Comment</u></b>
General Housekeeping	Housekeeping will consist of neat and orderly storage of materials and fluids. Wastes will be temporarily stored in sealed containers and regularly collected and disposed of at offsite suitable facilities according to WMP. If spills occur prompt cleanup is required to minimize any commingling of waste materials with stormwater runoff. Routine maintenance will be limited to fueling and lubrication of equipment. Drip pans will be used during routine fueling and maintenance to contain spills or leaks. Any waste product from maintenance will be containerized and transported offsite for disposal at a certified facility. There will be no major equipment overhauls conducted onsite. Equipment will be transported offsite for major overhauls. Cleanup of trash and discarded materials will be conducted at the end of each workday. Cleanup will consist of patrolling the roadway, access areas, and other work areas to pick up trash, scrap debris, other discarded materials, any contaminated soil, and dust control on location. Materials will be disposed of properly.
Material Handling and Spill Prevention	Spill Prevention Control and countermeasure plan (SPCC) is in place to address construction, drilling and operations associated with oil and gas development throughout the state of Colorado in accordance with CFR 112.
Storm Water/Erosion Control	Storm water Management Plan (SWMP) will be in place to address construction, drilling and operations associated with oil and gas development throughout the state of Colorado in accordance with Colorado Department of Public Health and Environment (CDPHE) General Permit rules. BMP's used will vary according to location, and will remain in place until the pad reached final reclamation.

Total: 3 comment(s)