

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:

400292178

Date Received:

06/05/2012

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 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:

326743

Expiration Date:

08/19/2015

☒ 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: Rumsey Land Number: #15-4-37

County: WELD

QuarterQuarter: SWSE Section: 4 Township: 4N Range: 66W Meridian: 6 Ground Elevation: 4692

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

Latitude: 40.335045 Longitude: -104.781009 PDOP Reading: 2.0 Date of Measurement: 12/21/2011

Instrument Operator's Name: Kipper Goldsberry

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"/>	Wells: <input type="text" value="3"/>	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"/>	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"/>	Fuel Tanks: <input type="checkbox"/>	

Other: _____

6. Construction:

Date planned to commence construction: 10/01/2012 Size of disturbed area during construction in acres: 1.38
Estimated date that interim reclamation will begin: 12/01/2012 Size of location after interim reclamation in acres: 0.50
Estimated post-construction ground elevation: 4692 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: 06/04/2012
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 Mgnt. 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 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: 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: 06/04/2012
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): _____

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' 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'. PAGE 2 OF RUMSEY LAND #15-4-37, LOCATION #326743 FORM 2A. THIS AMMENDMENT IS TO ADD THE RUMSEY LAND #15-4-20, API 05-123-25405-00 TO THIS LOCATION

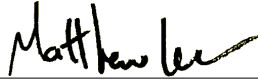
I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct and complete.

Signed: _____ Date: 06/05/2012 Email: slaramesa@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: 8/20/2012

**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.

If drill cuttings will be land applied, then a Waste Management Plan meeting the general requirements of Rule 907.a. must be submitted for the land application of drill cuttings. Submit the Waste Management Plan on a Form 4 Sundry Notice via email to rob.young@state.co.us prior to moving cuttings from the location.

Attachment Check List

Att Doc Num	Name
2086110	LOCATION DRAWING
2086111	WASTE MANAGEMENT PLAN
400292178	FORM 2A SUBMITTED
400292282	NRCS MAP UNIT DESC
400292283	MULTI-WELL PLAN
400292293	OTHER
400292299	HYDROLOGY MAP
400292307	ACCESS ROAD MAP
400292317	LOCATION PICTURES
400292407	WASTE MANAGEMENT PLAN

Total Attach: 10 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	All requests have been met. Corrected signature is executor of the lease with permission of opr. Final Review Completed. No LGD or public comment received.	8/16/2012 8:12:21 AM
OGLA	Applied COA for land application of drill cuttings; sent operator an email with requirements for Drill Cuttings Waste Management Plan	7/13/2012 9:59:44 AM
Permit	Final Review Completed. No LGD or public comment received.	6/28/2012 8:35:16 AM
OGLA	Requesting information from Operator regarding location drawing, cuttings disposal and tank battery expansion.	6/22/2012 12:13:06 PM
OGLA	Need updated location drawing, edits to WMP, delete tank battery facilities, Need a Form 2A for the tank battery.	6/14/2012 11:11:35 AM
Permit	Corrected Lease information. Ready to pass pending public comment 6/27/12.	3/7/2012 9:56:44 AM
Permit	Operator added Waste Management Plan.	3/6/2012 9:19:04 AM
Permit	Returned to draft. No Waste Management Plan attached in this original filing.	6/5/2012 11:18:33 AM

Total: 8 comment(s)

BMP

<u>Type</u>	<u>Comment</u>
<input type="text"/>	<input type="text"/>

Total: 0 comment(s)