

**FORM
2A**Rev
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:

400078269

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 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:

418977

Expiration Date:

08/25/2013☒ 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: 47120

Name: KERR-MCGEE OIL & GAS ONSHORE LP

Address: P O BOX 173779

City: DENVER State: CO Zip: 80217-3779

3. Contact Information

Name: CHERYL LIGHT

Phone: (720) 929-6461

Fax: (720) 929-7461

email: CHERYL.LIGHT@ANADARKO.COM

4. Location Identification:

Name: RIVERBEND Number: 22-18

County: WELD

QuarterQuarter: SWSW Section: 18 Township: 1N Range: 66W Meridian: 6 Ground Elevation: 4919

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: 816 feet, from North or South section line: FSL and 880 feet, from East or West section line: FWL

Latitude: 40.046087 Longitude: -104.826550 PDOP Reading: 1.8 Date of Measurement: 04/27/2010

Instrument Operator's Name: TRAVIS KRAICH

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="4"/>	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"/>	Oil Pipeline: <input type="text"/>	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: 08/31/2010 Size of disturbed area during construction in acres: 2.76
Estimated date that interim reclamation will begin: 10/31/2010 Size of location after interim reclamation in acres: 0.01
Estimated post-construction ground elevation: 4919 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: 02/18/2010
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: 20010124 ☐ 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: 895, public road: 816, above ground utilit: 816
, railroad: 5138, property line: 47

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: 3 AQUOLLS AND AQUENTS, GRAVELLY SUBSTRATUM

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: _____

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: 314, water well: 197, depth to ground water: 6

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:

WATER PERMIT #270485; THE CITY OF AURORA HAS TORN DOWN THE HOUSE, APPROX 430', AND BARN, APPROX 225' AWAY FROM OUR SURFACE LOCATION; The South Platte River is approximately 314' East of the site. Based on site specific conditions evaluated within the context of topography, geography, nature of operations and proximity to surface water, APC will implement BMPs in accordance with good engineering practices to mitigate the potential for impacts to surface water from an unintentional discharge of fluid. Kerr-McGee Oil & Gas Onshore LP requests approval of a Rule 603.a.(2) exception location: Wellhead is to be located less than 150' from a property line. Encroached Surface Owner is LaFarge Corporation. The owner at the surface location is the City of Aurora. Both Larfarge Corporation is a party of the SUA and the City of Aurora is a party to the 2nd Amendment of the SUA. The consent for the exception location is provided by article 3.d of the SUA.

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

Signed: _____ Date: 07/23/2010 Email: DJREGULATORY@ANADARKO.COM

Print Name: CHERYL LIGHT Title: SR. REGULATORY ANALYST

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: 8/26/2010

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.

Kerr-McGee Oil & Gas Onshore LP will 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 South Platte River located 314 feet East of the oil and gas location from a release of drilling, completion, produced fluids, and chemical products

Attachment Check List

Att Doc Num	Name	Doc Description
2621824	SURFACE AGRMT/SURETY	LF@2526725 2621824
400078269	FORM 2A SUBMITTED	LF@2516592 400078269
400078282	LOCATION PICTURES	LF@2516593 400078282
400078285	LOCATION DRAWING	LF@2516594 400078285
400078287	ACCESS ROAD MAP	LF@2516595 400078287
400078288	WELL LOCATION PLAT	LF@2516596 400078288
400078289	TOPO MAP	LF@2516597 400078289
400078291	NRCS MAP UNIT DESC	LF@2516598 400078291
400078292	MULTI-WELL PLAN	LF@2516599 400078292
400078293	SURFACE AGRMT/SURETY	LF@2516600 400078293
400078294	30 DAY NOTICE LETTER	LF@2516601 400078294
400079423	HYDROLOGY MAP	LF@2516602 400079423
400079738	EXCEPTION LOC REQUEST	LF@2516603 400079738
400079739	EXCEPTION LOC WAIVERS	LF@2516604 400079739

Total Attach: 14 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Cheryl Light explained the surface arrangements and requested to add the following statement to comments: Kerr-McGee Oil & Gas Onshore LP requests approval of a Rule 603.a.(2) exception location: Wellhead is to be located less than 150' from a property line. Encroached Surface Owner is LaFarge Corporation. The owner at the surface location is the City of Aurora. Both Larfarge Corporation is a party of the SUA and the City of Aurora is a party to the 2nd Amendment of the SUA. The consent for the exception location is provided by article 3.d of the SUA .	8/19/2010 4:33:33 PM
OGLA	Added one COA. The locatio is in a sensisitive area Kerr-Mcgee elected to use a closed loop system for the during drilling.	8/19/2010 4:32:58 PM
OGLA	RTP	8/19/2010 2:36:19 PM
Permit	Requested clarification of surface ownership accross the property line boundary. Operator states in Exception Location Request Letter that the SUA provides consent to a property line exception location.	8/6/2010 4:20:24 PM
Permit	passed for kk; ready to pass 8/3 kk. push back to draft operator must separate location waiver request and waiver also sua 41 pages 7/26 kk.	8/6/2010 3:49:46 PM

Total: 5 comment(s)

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