

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:

1904696

Oil and Gas Location Assessment

New Location Amend Existing Location Location#: 318241

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:
318241
Expiration Date:
09/28/2012

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: NELSON Number: 2-35
County: WELD
Quarter: NWNE Section: 35 Township: 2N Range: 68W Meridian: 6 Ground Elevation: 4947
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: 720 feet, from North or South section line: FNL and 1768 feet, from East or West section line: FEL
Latitude: 40.100300 Longitude: -104.967340 PDOP Reading: 6.0 Date of Measurement: 04/08/2009

5. Facilities (Indicate the number of each type of oil and gas facility planned on location):
Special Purpose Pits: Drilling Pits: 1 Wells: 7 Production Pits: Dehydrator Units:
Condensate Tanks: Water Tanks: 1 Separators: 7 Electric Motors: 0 Multi-Well Pits:
Gas or Diesel Motors: 0 Cavity Pumps: LACT Unit: Pump Jacks: Pigging Station:
Electric Generators: 0 Gas Pipeline: 1 Oil Pipeline: Water Pipeline: Flare: 1
Gas Compressors: 1 VOC Combustor: 1 Oil Tanks: 7 Fuel Tanks: 6
Other: drilling rig includes 77 electric motors, 3 electric generators and 4 gas/diesel motors; shares location with KP Kauffman well

6. Construction:

Date planned to commence construction: 12/01/2009 Size of disturbed area during construction in acres: 3.00
Estimated date that interim reclamation will begin: 01/01/2010 Size of location after interim reclamation in acres: 0.43
Estimated post-construction ground elevation: 4947 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 X
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: Phone:
Address: Fax:
Address: Email:
City: State: Zip: Date of Rule 306 surface owner consultation: 03/17/2009
Surface Owner: X Fee State Federal Indian
Mineral Owner: X Fee State Federal Indian
The surface owner is: X the mineral owner committed to an oil and gas lease
is the executor of the oil and gas lease the applicant
The right to construct the location is granted by: oil and gas lease X 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:

X Well Surety ID: 20010124 Gas Facility Surety ID: Waste Mgmt. Surety ID:

9. Cultural:

Is the location in a high density area (Rule 603.b.): Yes No X
Distance, in feet, to nearest building: 929 , public road: 720 , above ground utilit: 720
, railroad: 16875 , property line: 720

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: 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 X Commercial X 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: 47 OLNEY FINE SANDY LOAM 1-3% 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: 04/08/2009

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: 231, water well: 2761, depth to ground water: 100

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 WELL PERMIT #61085, DEPTH TO WATER 100', WELL DEPTH 400', CONFINED AQUIFER. SHARES LOCATION WITH KP KAUFFMAN LANSONS FARM #11 (05-123-08734)

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

Signed: _____ Date: 06/15/2009 Email: CHERYL.LIGHT@ANADARKO.COM

Print Name: CHERYL LIGHT Title: _____

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved.

David S. Neshin

COGCC Approved: _____

Director of COGCC

Date: 9/29/2009

Attachment Check List

Att Doc Num	Name	Doc Description
1691074	LOCATION PICTURES	LF@2064404 1691074
1691075	LOCATION PICTURES	LF@2064406 1691075
1691076	LOCATION DRAWING	LF@2064407 1691076
1691077	HYDROLOGY MAP	LF@2064408 1691077
1691078	HYDROLOGY MAP	LF@2064410 1691078
1691079	HYDROLOGY MAP	LF@2064412 1691079
1691080	HYDROLOGY MAP	LF@2064414 1691080
1691081	ACCESS ROAD MAP	LF@2064415 1691081
1691082	NRCS MAP UNIT DESC	LF@2064321 1691082
1691083	MULTI-WELL PLAN	LF@2064322 1691083
1691084	WELL LOCATION PLAT	LF@2064323 1691084
1691085	TOPO MAP	LF@2064324 1691085
1691086	30 DAY NOTICE LETTER	LF@2064325 1691086
1691087	SURFACE AGRMT/SURETY	LF@2064326 1691087
1691088	EXCEPTION LOC REQUEST	LF@2064327 1691088
1691089	EXCEPTION LOC WAIVERS	LF@2064329 1691089
1691774	SURFACE AGRMT/SURETY	LF@2127757 1691774
1784430	HYDROLOGY MAP A, TOPO	LF@2150302 1784430
1784431	HYDROLOGY MAP B, TOPO	LF@2150303 1784431
1784432	HYDROLOGY MAP B, AERIAL	LF@2150304 1784432
1784435	HYDROLOGY MAP	LF@2150305 1784435
1784436	CORRESPONDENCE	LF@2150297 1784436
1904696	FORM 2A	LF@2064452 1904696
2063099	PROPOSED BMPs	LF@2064330 2063099

Total Attach: 24 Files