

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:  
400052728

Oil and Gas Location Assessment

New Location  Amend Existing Location Location#: 331844

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:  
**331844**  
Expiration Date:  
**06/23/2013**

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: WINTERS Number: 32-3  
County: WELD  
Quarter: SWNW Section: 3 Township: 5N Range: 65W Meridian: 6 Ground Elevation: 4657  
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: 1959 feet, from North or South section line: FNL and 517 feet, from East or West section line: FWL  
Latitude: 40.429938 Longitude: -104.656940 PDOP Reading: 2.0 Date of Measurement: 02/16/2010  
Instrument Operator's Name: CHRIS PEARSON

5. Facilities (Indicate the number of each type of oil and gas facility planned on location):

Special Purpose Pits:  Drilling Pits:  Wells:  Production Pits:  Dehydrator Units:   
 Condensate Tanks:  Water Tanks:  Separators:  Electric Motors:  Multi-Well Pits:   
 Gas or Diesel Motors:  Cavity Pumps:  LACT Unit:  Pump Jacks:  Pigging Station:   
 Electric Generators:  Gas Pipeline:  Oil Pipeline:  Water Pipeline:  Flare:   
 Gas Compressors:  VOC Combustor:  Oil Tanks:  Fuel Tanks:   
 Other: \_\_\_\_\_

6. Construction:

Date planned to commence construction: 11/15/2010 Size of disturbed area during construction in acres: 3.00  
 Estimated date that interim reclamation will begin: 01/15/2011 Size of location after interim reclamation in acres: 0.01  
 Estimated post-construction ground elevation: 4657 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: 02/11/2010  
 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: 1051, public road: 517, above ground utilit: 517  
 , railroad: 24713, property line: 155

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: 21 DACONO CLAY LOAM, 0 TO 1 PERCENT SLOPES

NRCS Map Unit Name: 1 ALTVAN LOAM, 0 TO 1 PERCENT SLOPES

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: 123, water well: 637, depth to ground water: 44

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 #175997 FAA DETERMINATION OF NO HAZARD TO AIR NAVIGATION ATTACHED.

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

Signed: \_\_\_\_\_ Date: 04/21/2010 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: 6/24/2010

**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.**

Operator must implement best management practices to contain any unintentional release of fluids.

A ditch is located 123 feet east of the location and is closed in to the north and south of the location. If water is present in the ditch during operations, the operator will ensure a berm or other plan is in place to protect water in the ditch.

**Attachment Check List**

Att Doc Num	Name	Doc Description
0	OTHER	LF@2484962 0
1641640	CORRESPONDENCE	LF@2484959 1641640
1641641	NRCS MAP UNIT DESC	LF@2484961 1641641
1641642	OTHER	LF@2484969 1641642
1641643	HYDROLOGY MAP A, TOPO	LF@2484963 1641643
1641644	HYDROLOGY MAP B, TOPO	LF@2484964 1641644
2621557	OTHER	LF@2493331 2621557
2621558	CORRESPONDENCE	LF@2493332 2621558
400052728	FORM 2A SUBMITTED	LF@2456130 400052728
400052732	LOCATION PICTURES	LF@2455933 400052732
400052733	LOCATION DRAWING	LF@2455934 400052733
400052734	HYDROLOGY MAP A, TOPO	LF@2455935 400052734
400052735	HYDROLOGY MAP B, TOPO	LF@2455936 400052735
400052737	ACCESS ROAD MAP	LF@2455937 400052737
400052738	NRCS MAP UNIT DESC	LF@2455938 400052738
400052739	MULTI-WELL PLAN	LF@2455939 400052739
400052740	30 DAY NOTICE LETTER	LF@2455940 400052740
400052741	SURFACE AGRMT/SURETY	LF@2455941 400052741
400056890	WELL LOCATION PLAT	LF@2455942 400056890
400056893	TOPO MAP	LF@2455943 400056893

Total Attach: 20 Files