

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:
400063043

Oil and Gas Location Assessment

New Location Amend Existing Location Location#: 326733

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:
326733
Expiration Date:
06/17/2013

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: WINTER Number: 39-19
County: WELD
Quarter: SESE Section: 19 Township: 6N Range: 64W Meridian: 6 Ground Elevation: 4705
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: 741 feet, from North or South section line: FSL and 882 feet, from East or West section line: FEL
Latitude: 40.466236 Longitude: -104.586872 PDOP Reading: 2.3 Date of Measurement: 03/18/2010
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: 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: 12/01/2010 Size of disturbed area during construction in acres: 2.76
Estimated date that interim reclamation will begin: 01/30/2011 Size of location after interim reclamation in acres: 0.15
Estimated post-construction ground elevation: 4705 Will a closed loop system be used for drilling fluids: Yes [X]
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: 03/15/2010
Surface Owner: [X] Fee [] State [] Federal [] Indian
Mineral Owner: [X] Fee [] State [] Federal [] Indian
The surface owner is: [X] the mineral owner [X] committed to an oil and gas lease
[X] is the executer 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:

[] 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 [X]
Distance, in feet, to nearest building: 671 , public road: 741 , above ground utilit: 741
, railroad: 29723 , property line: 230

10. Current Land Use (Check all that apply):

Crop Land: [] Irrigated [X] 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 [X] 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: 46 OLNEY FINE SAND LOAM, 0 TO 1 PERCENT SLOPES

NRCS Map Unit Name: 51 OTERO SANDY LOAM, 1 TO 3 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: 179, water well: 1785, depth to ground water: 7

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 #11327-R- Kerr-McGee Oil & Gas Onshore LP requests approval of Rule 318Aa exception location: Wellhead is to be located outside of a GWA drilling window.

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

Signed: _____ Date: 05/20/2010 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: 6/18/2010

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.

Location is in a sensitive area because of shallow groundwater; therefore, either a lined drilling pit or closed loop system is required.

Attachment Check List

| Att Doc Num | Name | Doc Description |
|-------------|-----------------------|----------------------|
| 1641648 | CORRESPONDENCE | LF@2486255 1641648 |
| 1641649 | NRCS MAP UNIT DESC | LF@2486256 1641649 |
| 1641650 | HYDROLOGY MAP A, TOPO | LF@2486257 1641650 |
| 400063043 | FORM 2A SUBMITTED | LF@2480254 400063043 |
| 400063068 | LOCATION PICTURES | LF@2480255 400063068 |
| 400063069 | LOCATION DRAWING | LF@2480256 400063069 |
| 400063071 | HYDROLOGY MAP A, TOPO | LF@2480257 400063071 |
| 400063072 | HYDROLOGY MAP B, TOPO | LF@2480258 400063072 |
| 400063074 | ACCESS ROAD MAP | LF@2480260 400063074 |
| 400063075 | WELL LOCATION PLAT | LF@2480262 400063075 |
| 400063077 | TOPO MAP | LF@2480264 400063077 |
| 400063078 | NRCS MAP UNIT DESC | LF@2480266 400063078 |
| 400063081 | MULTI-WELL PLAN | LF@2480267 400063081 |
| 400063082 | 30 DAY NOTICE LETTER | LF@2480269 400063082 |
| 400063086 | PROPOSED SPACING UNIT | LF@2480273 400063086 |
| 400063630 | EXCEPTION LOC REQUEST | LF@2480513 400063630 |
| 400063631 | EXCEPTION LOC WAIVERS | LF@2480278 400063631 |

Total Attach: 17 Files