

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



DE	ET	OE	ES
----	----	----	----

Document Number:
400058656

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:
418635
Expiration Date:
08/05/2013

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: Rebecca Heim
Phone: (720) 929-6361
Fax: (720) 929-7361
email: rebecca.heim@anadarko.com

4. Location Identification:

Name: BRYANT TANK BATTERY Number: 20-30
County: WELD
Quarter: NESE Section: 30 Township: 2N Range: 68W Meridian: 6 Ground Elevation: 4920
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: 1300 feet, from North or South section line: FSL and 810 feet, from East or West section line: FEL
Latitude: 40.105838 Longitude: -105.039752 PDOP Reading: 6.0 Date of Measurement: 04/28/2010
Instrument Operator's Name: Cody Wagoner

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="checkbox"/>	Production Pits: <input type="checkbox"/>	Dehydrator Units: <input type="checkbox"/>
Condensate Tanks: <input type="checkbox"/>	Water Tanks: <input type="checkbox"/> <u>1</u>	Separators: <input type="checkbox"/> <u>6</u>	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"/> <u>1</u>	Oil Pipeline: <input type="checkbox"/>	Water Pipeline: <input type="checkbox"/>	Flare: <input type="checkbox"/> <u>1</u>
Gas Compressors: <input type="checkbox"/>	VOC Combustor: <input type="checkbox"/> <u>1</u>	Oil Tanks: <input type="checkbox"/> <u>6</u>	Fuel Tanks: <input type="checkbox"/>	

Other: battery currently services Bryant 8-30, Bryant 43-30, Bryant 24-30, Bryant 10-30 and HSR Bryant 9-30A. new wells to be connected to battery are: Bryant 23-30; 36-30, 20-30, 37-30, 33-29, and 16-30

6. Construction:

Date planned to commence construction: 07/01/2010 Size of disturbed area during construction in acres: 0.15
Estimated date that interim reclamation will begin: 08/16/2010 Size of location after interim reclamation in acres: 0.15
Estimated post-construction ground elevation: 4920 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: 03/12/2010
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 Mgmt. Surety ID:

9. Cultural:

Is the location in a high density area (Rule 603.b.): Yes No
Distance, in feet, to nearest building: 1480, public road: 1350, above ground utilit: 1400
, railroad: 14570, property line: 810

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: 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: 240, water well: 1625, depth to ground water: 5

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 61602- -A There will be 6 wells flowing into this tank battery Un-named lake is 240 ft. NE Boulder Creek is 600'NW

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

Signed: _____ Date: 04/30/2010 Email: DJRegulatory@anadarko.com

Print Name: Rebecca Heim Title: Regulatory Analyst II

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. Neslin

COGCC Approved: _____ Director of COGCC Date: 8/6/2010

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.

No surface occupancy or construction within 0.25 mile of any active bald eagle winter night roost site, where there is no direct line of sight to the roost, between December 1 and February 28 and within 0.5 mile of any active bald eagle winter night roost site, where there is a direct line of sight to the roost, between December 1 and February 28.

Within 0.5 mile of any active bald eagle winter roost site from November 15 to March 15, routine visits within the buffer zone should be restricted to the period between 10:00 a.m. and 2:00 p.m.

Best management practices must be used to ensure no migration of sediment from access road into surface water

Best management practices must be used to ensure no migration of sediment into surface water during flowline installation

Attachment Check List

Att Doc Num	Name	Doc Description
2613100	CORRESPONDENCE	LF@2491026 2613100
2613127	SURFACE OWNER CONSENT	LF@2497487 2613127
2613131	CORRESPONDENCE	LF@2498707 2613131
2613148	CORRESPONDENCE	LF@2502844 2613148
2613149	CORRESPONDENCE	LF@2502845 2613149
2613185	CORRESPONDENCE	LF@2510743 2613185
2613208	CORRESPONDENCE	LF@2515641 2613208
400058656	FORM 2A SUBMITTED	LF@2465592 400058656
400058744	LOCATION PICTURES	LF@2465593 400058744
400058756	HYDROLOGY MAP A, TOPO	LF@2465594 400058756
400058758	HYDROLOGY MAP B, TOPO	LF@2465595 400058758
400058759	NRCS MAP UNIT DESC	LF@2465596 400058759
400058760	30 DAY NOTICE LETTER	LF@2465597 400058760
400058761	SURFACE AGRMT/SURETY	LF@2465598 400058761
400058762	ACCESS ROAD MAP	LF@2465599 400058762
400060114	LOCATION DRAWING	LF@2465600 400060114

Total Attach: 16 Files

General Comments

User Group	Comment	Comment Date
Agency	Surface owner and operator consent to CDOW recommended conditions of approval.	8/6/2010 5:21:01 PM
OGLA	change distance to water well, depth water, check sensitive area = yes, put wells into facility other	8/2/2010 9:38:32 AM

Total: 2 comment(s)