

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:  
400028636

Oil and Gas Location Assessment

New Location  Amend Existing Location Location#: 336005

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:  
**336005**  
Expiration Date:

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: 66571  
Name: OXY USA WTP LP  
Address: P O BOX 27757  
City: HOUSTON State: TX Zip: 77227

3. Contact Information

Name: Joan Proulx  
Phone: (970) 263-3641  
Fax: (970) 263-3694  
email: joan\_proulx@oxy.com

4. Location  
Identification:

Name: Cascade Creek Number: 609-14  
County: GARFIELD  
Quarter: SWSW Section: 9 Township: 6S Range: 97W Meridian: 6 Ground Elevation: 8396  
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: 199 feet, from North or South section line: FSL and 262 feet, from East or West section line: FWL  
Latitude: 39.530748 Longitude: -108.233212 PDOP Reading: 1.5 Date of Measurement: 12/14/2009

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

Special Purpose Pits: <input type="text" value="0"/>	Drilling Pits: <input type="text" value="1"/>	Wells: <input type="text" value="23"/>	Production Pits: <input type="text" value="0"/>	Dehydrator Units: <input type="text" value="0"/>
Condensate Tanks: <input type="text" value="1"/>	Water Tanks: <input type="text" value="4"/>	Separators: <input type="text" value="6"/>	Electric Motors: <input type="text" value="0"/>	Multi-Well Pits: <input type="text" value="0"/>
Gas or Diesel Motors: <input type="text" value="0"/>	Cavity Pumps: <input type="text" value="0"/>	LACT Unit: <input type="text" value="0"/>	Pump Jacks: <input type="text" value="0"/>	Pigging Station: <input type="text" value="0"/>
Electric Generators: <input type="text" value="0"/>	Gas Pipeline: <input type="text" value="1"/>	Oil Pipeline: <input type="text" value="0"/>	Water Pipeline: <input type="text" value="1"/>	Flare: <input type="text" value="0"/>
Gas Compressors: <input type="text" value="0"/>	VOC Combustor: <input type="text" value="1"/>	Oil Tanks: <input type="text" value="0"/>	Fuel Tanks: <input type="text" value="0"/>	

Other:

6. Construction:

Date planned to commence construction: 10/15/2008 Size of disturbed area during construction in acres: 4.50
Estimated date that interim reclamation will begin: 07/24/2012 Size of location after interim reclamation in acres: 4.50
Estimated post-construction ground elevation: 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 Onsite X Method: Land Farming Land Spreading Disposal Facility
Other: Reserve Pit

7. Surface Owner:

Name: OXY USA WTP LP Phone: 970-263-3641
Address: PO Box 27757 Fax: 970-263-3694
Address: Email: joan\_proulx@oxy.com
City: Houston State: TX Zip: 27757 Date of Rule 306 surface owner consultation:
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 executer of the oil and gas lease X the applicant
The right to construct the location is granted by: oil and gas lease Surface Use Agreement Right of Way
X 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: 2006012 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: 23549 , public road: 23549 , above ground utilit: 23549
, railroad: 57552 , property line: 5005

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

Crop Land: Irrigated Dry land Improved Pasture Hay Meadow CRP
Non-Crop Land: X 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: X 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: Parachute-Rhone Loams 5-30% slopes, Map #57

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: Letterman's needlegrass 15%; Arizona Fescue 10%; Columbia needlegrass 10%; Elk sedge 10%; Mountain big sagebrush 10%; Slender wheatgrass 10%; Big bluegrass 5%; Mountain snowberry 5%; Saskatoon serviceberry 5%

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: 1427, water well: 7550, depth to ground water: 175

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:

Per GarCo Vacation Ordinance dated 10/05/1987 CR 213 is now OXY's private road North of S8, T7S, R97W, 6th PM; The well pad has been constructed and has previously permitted wells under the old COGCC rules; Oxy is submitting a form 2A due to adding 11 wells (Total wells on pad: 23); Oxy is both the surface and mineral owner of the pad location; the pit will be lined with 36 mills reinforced Polyethylene; Oxy has pre-consulted with the CDOW (See attached BMPs and consultation letter); Reference area photos will be provided during the growing season; Per conversation with Dave Kubeczko submitting sensitive area data is unnecessary because this determination will be made by his office.

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

Signed: \_\_\_\_\_ Date: 02/11/2010 Email: joan\_proulx@oxy.com

Print Name: Joan Proulx Title: 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: \_\_\_\_\_ Director of COGCC Date: \_\_\_\_\_

**Attachment Check List**

Att Doc Num	Name	Doc Description
400031535	LOCATION PICTURES	Location Photos.PDF
400031537	LOCATION DRAWING	Location Drawing.PDF
400031539	HYDROLOGY MAP	Hydrology Map.PDF
400031541	ACCESS ROAD MAP	Access Road Map.PDF
400031546	REFERENCE AREA MAP	Reference Area Map.PDF
400031547	NRCS MAP UNIT DESC	Map Unit Description (NRCS).pdf
400031548	CONST. LAYOUT DRAWINGS	Construction Layout Drawing.PDF
400031549	MULTI-WELL PLAN	Multi-well plan.PDF
400038376	SENSITIVE AREA DATA	609-14 Wildlife BMPs draft v2.pdf
400039186	FORM 2A SUBMITTED	400039186.pdf

Total Attach: 10 Files