

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:
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:
03/29/2013

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: 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="25"/>	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: 06/15/2010 Size of disturbed area during construction in acres: 6.10
Estimated date that interim reclamation will begin: 07/24/2012 Size of location after interim reclamation in acres: 1.60
Estimated post-construction ground elevation: 8396 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: 20060137 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: 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: _____

David G. Neslin
Director of COGCC

Date: 3/30/2010

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 portion of any pit that will be used to hold liquids shall be constructed on fill material, unless the pit and fill slope are designed and certified by a professional engineer, subject to review and approval by the director prior to construction of the pit. The construction and lining of the pit shall be supervised by a professional engineer or their agent. The entire base of the pit must be in cut.

Operator must ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations. If fluids are conveyed via pipeline, operator must implement best management practices to contain any unintentional release of fluids.

All pits must be lined.

The moisture content of any drill cuttings in a cuttings pit, trench, or pile shall be as low as practicable to prevent accumulation of liquids greater than de minimis amounts. At the time of closure, the drill cuttings must also meet the applicable standards of table 910-1.

The nearby hillside must be monitored for any day-lighting of drilling fluids throughout the drilling of the surface casing interval.

Reserve pit must be lined.

Attachment Check List

Att Doc Num	Name	Doc Description
1791474	MULTI-WELL PLAN	LF@2436140 1791474
2033005	CORRESPONDENCE	LF@2442234 2033005
400031535	LOCATION PICTURES	Location Photos.PDF
400031537	LOCATION DRAWING	LF@2430837 400031537
400031539	HYDROLOGY MAP	LF@2430838 400031539
400031541	ACCESS ROAD MAP	LF@2430839 400031541
400031546	REFERENCE AREA MAP	LF@2430840 400031546
400031547	NRCS MAP UNIT DESC	LF@2430841 400031547
400031548	CONST. LAYOUT DRAWINGS	LF@2430842 400031548
400031549	MULTI-WELL PLAN	Multi-well plan.PDF
400038376	PROPOSED BMPs	LF@2430845 400038376
400041773	FORM 2A SUBMITTED	LF@2430846 400041773

Total Attach: 12 Files