

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



Table with columns DE, ET, OE, ES

Document Number: 400134101

Oil and Gas Location Assessment

[X] 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...

Location ID: 423444 Expiration Date: 06/02/2014

[ ] This location assessment is included as part of a permit application.

1. CONSULTATION

- [ ] This location is included in a Comprehensive Drilling Plan. CDP # \_\_\_\_\_
[X] 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: Mesa Cuttings Disposal Number: Facility County: GARFIELD Quarter: NWSE Section: 9 Township: 6S Range: 97W Meridian: 6 Ground Elevation: 8410 Define a single point as a location reference for the facility location... Footage at surface: 1635 feet FSL, from North or South section line, and 2476 feet FEL, from East or West section line. Latitude: 39.534710 Longitude: -108.224240 PDOP Reading: 1.6 Date of Measurement: 11/23/2010 Instrument Operator's Name: J. Seal

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: 03/31/2011 Size of disturbed area during construction in acres: 4.60  
Estimated date that interim reclamation will begin: 10/01/2012 Size of location after interim reclamation in acres: 4.60  
Estimated post-construction ground elevation: 8405 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: N/A

7. Surface Owner:

Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Address: \_\_\_\_\_ Fax: \_\_\_\_\_  
Address: \_\_\_\_\_ Email: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Date of Rule 306 surface owner consultation: \_\_\_\_\_  
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: \_\_\_\_\_  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: 22000, public road: 21500, above ground utilit: 27956  
, railroad: 56996, property line: 2417

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.

**IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.**

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: Map Unit Symbol 55. Parachute-Irigul complex. 5 to 30 percent slopes

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: Lertterman's needlegrass, Slender wheatgrass, Arizona fescue, Columbia needlegrass, Mountain big sagebrush, Big bluegrass, Mountain snowberry, Saskatoon serviceberry, Yellow rabbitbrush

Check all plant communities that exist in the disturbed area.

- Disturbed Grassland (Cactus, Yucca, Cheatgrass, Rye)
- Native Grassland (Bluestem, 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: 256, water well: 11206, depth to ground water: 100

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:**

The proposed cuttings disposal facility will be located entirely on Oxy property (single lease), southwest of the existing Cascade Creek 609-33 well pad (NWSW, 9, 6S, 97W, 6 PM) north of DeBeque, CO. The site was previously excavated to support a nearby pipeline installation and will be filled with drill cuttings for final disposal. It is anticipated that cuttings will be imported from up to six surrounding multi-well pads and be in service no longer than two years. At the end of service, the cuttings will be capped with three feet of topsoil, bringing the area back to the original surrounding grade. Oxy met with COGCC staff on Dec. 21, 2010, regarding this proposal and was directed to prepare a Form 2A and a Materials Management Plan for the proposed disposal area. The CDOW pre-consultation meeting took place on March 18, 2010. Reference area photographs are pending the 2011 growing season.

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

Signed: \_\_\_\_\_ Date: 02/17/2011 Email: joan\_proulx@oxy.com

Print Name: Joan Proulx Title: Regulatory Analyst

**IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.**

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: 6/3/2011

**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.**

**Attachment Check List**

Att Doc Num	Name
2033851	OTHER
400134101	FORM 2A SUBMITTED
400134144	NRCS MAP UNIT DESC
400134148	WELL LOCATION PLAT
400134157	CONST. LAYOUT DRAWINGS
400134160	LOCATION DRAWING
400134161	HYDROLOGY MAP
400134162	MULTI-WELL PLAN
400134164	LOCATION PICTURES
400134165	ACCESS ROAD MAP
400134168	PROPOSED BMPs
400134483	PROPOSED BMPs
400134512	CONST. LAYOUT DRAWINGS
400134780	OTHER

Total Attach: 14 Files

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
OGLA	Initiated/Completed OGLA Form 2A review on 05-23-11 by Dave Kubeczko; requested revised materials management plan from operator on 05-23-11; received revised materials management plan from operator on 06-01-11; passed by CDOW on 02-22-11 with BMPs submitted by operator (with permit application) acceptable; passed OGLA Form 2A review on 06-01-11 by Dave Kubeczko.	5/23/2011 3:58:15 PM
Permit	Changed elevation to match drawings, reported elevations was from base station	2/23/2011 10:38:54 AM
DOW	The BMPs as submitted by the operator are appropriate for the site and species affected (Greater sage-grouse production habitat). Oxy and CDOW preconsulted for this project and site on March 2010 and agreed on the attached set of BMPs.  by Michael Warren on Tuesday, February 22, 2011 at 1:50 P.M.	2/22/2011 1:51:49 PM
Permit	D.K. is okay with location photo's for now but will ask them to submit new photo's prior to construction/cuttings management activities taking place. sf	2/22/2011 11:01:27 AM
Permit	Location photo's not staked and no comment about reference area photos. sf	2/22/2011 8:45:38 AM

Total: 5 comment(s)

**BMP**

Type

Comment

<u>Type</u>	<u>Comment</u>

Total: 0 comment(s)