

**FORM
2A**Rev
04/01State 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:

400087553

Oil and Gas Location Assessment☐ New Location ☒ Amend Existing Location Location#: 334541

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:

334541

Expiration Date:

10/14/2013☒ 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: 66561

Name: OXY USA INC

Address: PO 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: My Way Ranch Number: 8-4

County: MESA

QuarterQuarter: NWNW Section: 8 Township: 10S Range: 94W Meridian: 6 Ground Elevation: 6857

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: 498 feet, from North or South section line: FNL and 629 feet, from East or West section line: FWL

Latitude: 39.210320 Longitude: -107.912864 PDOP Reading: 3.4 Date of Measurement: 06/24/2010

Instrument Operator's Name: Dave J. Murrey

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

Special Purpose Pits: <input type="text"/>	Drilling Pits: <input type="text" value="1"/>	Wells: <input type="text" value="5"/>	Production Pits: <input type="text"/>	Dehydrator Units: <input type="text"/>
Condensate Tanks: <input type="text" value="4"/>	Water Tanks: <input type="text"/>	Separators: <input type="text" value="2"/>	Electric Motors: <input type="text"/>	Multi-Well Pits: <input type="text"/>
Gas or Diesel Motors: <input type="text"/>	Cavity Pumps: <input type="text"/>	LACT Unit: <input type="text"/>	Pump Jacks: <input type="text"/>	Pigging Station: <input type="text"/>
Electric Generators: <input type="text"/>	Gas Pipeline: <input type="text" value="1"/>	Oil Pipeline: <input type="text"/>	Water Pipeline: <input type="text"/>	Flare: <input type="text"/>
Gas Compressors: <input type="text"/>	VOC Combustor: <input type="text"/>	Oil Tanks: <input type="text"/>	Fuel Tanks: <input type="text"/>	

Other: _____

6. Construction:

Date planned to commence construction: 12/15/2010 Size of disturbed area during construction in acres: 4.50
Estimated date that interim reclamation will begin: 09/01/2012 Size of location after interim reclamation in acres: 1.40
Estimated post-construction ground elevation: 6856 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: _____
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 Mgnt. Surety ID: _____

9. Cultural:

Is the location in a high density area (Rule 603.b.): Yes ☐ No ☒
Distance, in feet, to nearest building: 7656, public road: 4950, above ground utilit: 7656
, railroad: 93984, property line: 419

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): Grazing pasture
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): Grazing pasture
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 be 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: Map Unit Symbol 65. Torriorthents, cool-Rock outcrop complex, 35 to 90 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: Torriorthents, cool

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: 550, water well: 4150, depth to ground water: 150

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 Supply 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 My Way Ranch 8-4 is an existing pad with 3 producing Federal wells and 1 shut-in well. Oxy plans on drilling 1 additional well in order to maintain a BLM lease which expires 5/31/2011. The plats reference a flare pit; this is not a flare pit but a flare box. The multi-well plan references the pad name as Laramie Land & Cattle Co., the correct name is the My Way Ranch 8-4. The CDOW consultation occurred on 7/16/2010. There is no hunting allowed on this location. Reference area pictures taken during the growing season will be provided within 12 months of the date of this permit application (9-1-10).

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

Signed: _____ Date: 09/01/2010 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.

David S. Neslin

COGCC Approved: _____

Director of COGCC

Date: 10/15/2010

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 ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations; including, but not limited to, construction of a berm or diversion dike, diversion/collection trenches within and/or outside of berms/dikes, site grading, or other comparable measures (i.e., BMPs associated with stormwater management) sufficiently protective of the nearby surface water.

Reserve pit (or any other pit used to store fluids) must be lined or closed loop system must be implemented during drilling.

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.

The location is in an area of high run off/run-on potential; therefore the pad shall be constructed to prevent any stormwater run-on and/or stormwater runoff.

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.

Attachment Check List

Att Doc Num	Name	Doc Description
2033393	CORRESPONDENCE	LF@2542091 2033393
2033397	REFERENCE AREA PICTURES	LF@2542099 2033397
400087553	FORM 2A SUBMITTED	LF@2536033 400087553
400089617	SURFACE PLAN	LF@2536034 400089617
400089618	PROPOSED BMPs	LF@2536035 400089618
400089619	PROPOSED BMPs	LF@2536036 400089619
400089622	NRCS MAP UNIT DESC	LF@2536037 400089622
400089623	SURFACE AGRMT/SURETY	LF@2536038 400089623
400089625	CONST. LAYOUT DRAWINGS	LF@2536039 400089625
400089626	HYDROLOGY MAP	LF@2536040 400089626
400089627	LOCATION DRAWING	LF@2536041 400089627
400089628	LOCATION DRAWING	LF@2536042 400089628
400089629	WELL LOCATION PLAT	LF@2536043 400089629
400089631	CONST. LAYOUT DRAWINGS	LF@2536044 400089631
400089632	LOCATION PICTURES	LF@2536045 400089632
400089633	REFERENCE AREA MAP	LF@2536046 400089633
400089634	ACCESS ROAD MAP	LF@2536047 400089634
400089640	MULTI-WELL PLAN	LF@2536048 400089640

Total Attach: 18 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
OGLA	Initiated/Completed OGLA Form 2A review on 09-09-10 by Dave Kubeczko; requested clarifications and acknowledgement of fluid containment, spill/release BMPs, cuttings low moisture, no pit in fill, reserve pit lined/closed loop, stormwater control BMP COAs from operator on 09-09-10; received clarifications and acknowledgement of COAs from operator on 09-09-10; passed by CDOW on 09-03-10 with operator submitted (with permit application) acceptable; passed OGLA Form 2A review on 09-24-10 by Dave Kubeczko; fluid containment, spill/release BMPs, cuttings low moisture, no pit in fill, reserve pit lined/closed loop, stormwater control BMP COAs.	9/9/2010 11:31:10 AM
DOW	The BMPs as submitted by the operator are appropriate to the site and species affected. The BMPs were discussed and agreed to at a pre consultation meeting between Oxy and CDOW on July 16, 2010. by Michael Warren on Friday, September 3, 2010 at 3:15 P.M.	9/3/2010 3:15:57 PM
Permit	per request opr removed 30day,topo and dev. drlg plan; opr took out surety bond indicating no fee minerals	9/3/2010 2:18:55 PM
Permit	need to ask if section I plugging surety is there because of some fee mineral ownership; if so it's incorrect anyway/should be 20060139 (not 0137) or another on file; too many attachments; opr called 1430 hrs/left message; decided to return to draft and emailed opr	9/2/2010 2:14:16 PM

Total: 4 comment(s)

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