

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:

400228631

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 standalone 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:

427275

Expiration Date:

01/07/2015

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: 53650
 Name: MARATHON OIL COMPANY
 Address: 5555 SAN FELIPE
 City: HOUSTON State: TX Zip: 77056

3. Contact Information

Name: Tiffany Stebbins
 Phone: (307) 527-2223
 Fax: (307) 527-3280
 email: tastebbins@marathonoil.com

4. Location Identification:

Name: Crow Valley 7-62-35 Number: 2H
 County: WELD
 Quarter: NENW Section: 35 Township: 7N Range: 62W Meridian: 6 Ground Elevation: 4807

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: 366 feet FNL, from North or South section line, and 1837 feet FWL, from East or West section line.
 Latitude: 40.537040 Longitude: -104.292080 PDOP Reading: 2.8 Date of Measurement: 11/04/2011
 Instrument Operator's Name: Allen Blattel

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"/>	Wells: <input type="text" value="2"/>	Production Pits: <input type="text"/>	Dehydrator Units: <input type="text" value="3"/>
Condensate Tanks: <input type="text"/>	Water Tanks: <input type="text" value="4"/>	Separators: <input type="text" value="3"/>	Electric Motors: <input type="text" value="4"/>	Multi-Well Pits: <input type="text"/>
Gas or Diesel Motors: <input type="text" value="3"/>	Cavity Pumps: <input type="text" value="3"/>	LACT Unit: <input type="text" value="2"/>	Pump Jacks: <input type="text" value="2"/>	Pigging Station: <input type="text"/>
Electric Generators: <input type="text" value="2"/>	Gas Pipeline: <input type="text"/>	Oil Pipeline: <input type="text"/>	Water Pipeline: <input type="text"/>	Flare: <input type="text" value="2"/>
Gas Compressors: <input type="text" value="1"/>	VOC Combustor: <input type="text" value="2"/>	Oil Tanks: <input type="text" value="8"/>	Fuel Tanks: <input type="text"/>	

Other: 1 - radio tower

6. Construction:

Date planned to commence construction: 01/02/2012 Size of disturbed area during construction in acres: 6.00
 Estimated date that interim reclamation will begin: 05/31/2012 Size of location after interim reclamation in acres: 4.59
 Estimated post-construction ground elevation: 4807 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: 12/12/2011
 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: 19880020 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: 5033, public road: 4930, above ground utilit: 2640
 , railroad: 83460, property line: 366

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: 44: Olney fine sand loam, 0-6% slopes

NRCS Map Unit Name: 57: Renohill-shingle complex, 3-9% slopes

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: 03/10/2011

List individual species: _____

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): wheat, millet

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: 2673, water well: 4900, depth to ground water: 155

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:

Distance to nearest water well 4900', Receipt #0448598, Permit #220187, SESE Sec 34, T7N, R62W. Static water level 155', elevation 300'. This is a dual well pad with one horizontal BHL in Section 26, and one horizontal BHL in Section 35. Well 7-62-26-2H SHL is 24' from Crow Valley 7-62-35-2H SHL. There are no visible above ground utilities within 2640' of either SHL.

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

Signed: _____ Date: 12/13/2011 Email: tastebbins@marathonoil.com

Print Name: Tiffany Stebbins Title: Regulatory Compliance Rep

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. Nashin Director of COGCC Date: 1/8/2012

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
1694583	MULTI-WELL PLAN
2613899	WASTE MANAGEMENT PLAN
400228631	FORM 2A SUBMITTED
400230602	NRCS MAP UNIT DESC
400230603	NRCS MAP UNIT DESC
400231951	EXCEPTION LOC WAIVERS
400231953	ACCESS ROAD MAP
400231954	CONST. LAYOUT DRAWINGS
400231955	LOCATION DRAWING
400231956	LOCATION PICTURES
400231957	REFERENCE AREA MAP
400231967	HYDROLOGY MAP
400231969	30 DAY NOTICE LETTER
400231998	SURFACE AGRMT/SURETY
400232054	PROPOSED BMPs
400232885	WASTE MANAGEMENT PLAN

Total Attach: 16 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final Review Completed. No LGD or public comment received.	1/6/2012 12:48:02 PM
Permit	Received WMP & State lease #. Ok to pass pending 1/5/12.	12/30/2011 9:04:38 AM
OGLA	Removed cuttings pit from facilities list; attached revised Waste Management Plan; Ready to Pass 1/5/2012.	12/21/2011 2:17:59 PM
Permit	ON HOLD: w/o WMP & State lease #. Ok to pass pending 1/5/12.	12/21/2011 11:01:21 AM
Permit	Multi-well plan attached to const layout drawings. Saved as separate file and attached. Ok to pass pending 1/5/12.	12/21/2011 10:54:14 AM
OGLA	Changed land use from irrigated crop land to dry land crop land; the Waste Management Plan is in review	12/20/2011 9:28:40 AM
Permit	ON HOLD: requesting multiwell plan.	12/16/2011 11:38:29 AM
Permit	Operator input cultural data, attached WMP, and SUA. This form has passed completeness.	12/15/2011 10:51:11 AM
Permit	Returned to draft. Missing cultural data. Missing WMP attachment and SUA.	12/13/2011 2:28:54 PM

Total: 9 comment(s)

BMP

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

Total: 0 comment(s)