

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:
400002950

Oil and Gas Location Assessment

New Location Amend Existing Location Location#: 335880

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:
335880
Expiration Date:
03/18/2013

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

3. Contact Information

Name: Anna Walls
Phone: (713) 296-3468
Fax: (713) 513-4393
email: avwalls@marathonoil.com

4. Location Identification:

Name: 596-33C Number: _____
County: GARFIELD
Quarter: SWSW Section: 33 Township: 5S Range: 96W Meridian: 6 Ground Elevation: 8238

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: 187 feet, from North or South section line: FSL and 1308 feet, from East or West section line: FWL
Latitude: 39.564940 Longitude: -108.178840 PDOP Reading: 2.9 Date of Measurement: 03/10/2007

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

Special Purpose Pits: <input type="checkbox"/>	Drilling Pits: <input type="text" value="2"/>	Wells: <input type="text" value="11"/>	Production Pits: <input type="checkbox"/>	Dehydrator Units: <input type="checkbox"/>
Condensate Tanks: <input type="text" value="1"/>	Water Tanks: <input type="text" value="2"/>	Separators: <input type="text" value="11"/>	Electric Motors: <input type="checkbox"/>	Multi-Well Pits: <input type="checkbox"/>
Gas or Diesel Motors: <input type="checkbox"/>	Cavity Pumps: <input type="checkbox"/>	LACT Unit: <input type="text" value="11"/>	Pump Jacks: <input type="checkbox"/>	Pigging Station: <input type="checkbox"/>
Electric Generators: <input type="checkbox"/>	Gas Pipeline: <input type="text" value="1"/>	Oil Pipeline: <input type="checkbox"/>	Water Pipeline: <input type="text" value="1"/>	Flare: <input type="checkbox"/>
Gas Compressors: <input type="checkbox"/>	VOC Combustor: <input type="checkbox"/>	Oil Tanks: <input type="text" value="1"/>	Fuel Tanks: <input type="checkbox"/>	

Other: 1 RTU Building - scada controls, communication equip, solar power, battery back up

6. Construction:

Date planned to commence construction: 04/01/2008 Size of disturbed area during construction in acres: 3.64
 Estimated date that interim reclamation will begin: 10/15/2011 Size of location after interim reclamation in acres: 1.86
 Estimated post-construction ground elevation: 8110 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: Berry Petroleum Co. Phone: 303-825-3344
 Address: 1999 Broadway, Suite 3700 Fax: _____
 Address: _____ Email: _____
 City: Denver State: CO Zip: 80202 Date of Rule 306 surface owner consultation: 11/02/2009
 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: 5100, public road: 19008, above ground utilit: 2780
 , railroad: 53856, property line: 186

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: 57 - Parachute-Rhone Loam, 5-30% 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: sage, oak

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: 1510, water well: 19589, depth to ground water: 45

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:

This location assessment is included as part of permit application for pad 596-33A-18. This is an existing pad with 9 wells already drilled. There are no visible improvements within 400' of well location.

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

Signed: _____ Date: 01/06/2010 Email: awwalls@marathonoil.com

Print Name: Anna Walls 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: _____

Director of COGCC

Date: 3/19/2010

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.

Reserve pit 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.

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.

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.

Use certified, weed free grass hay, straw, hay or other mulch material used for the reseeding and reclamation of disturbed areas.

Conduct well site visitations to portions of the day between 9:00 a.m. and 4:00 p.m. during lekking season (March 1 to May 15).

Conduct post-development well site visitations between the hours of 10:00 a.m. and 3:00 p.m. and reduce well site visitations between December 1 and April 15 in elk production areas.

Reclaim/restore greater sage-grouse habitat and other wildlife appropriate to the ecological site. Since this pad is on Private Surface, Marathon will reclaim/restore vegetation as requested by the surface owners.

Attachment Check List

Att Doc Num	Name	Doc Description
1791460	DEVIATED DRILLING PLAN	LF@2420396 1791460
2032766	CORRESPONDENCE	LF@2217424 2032766
2032767	PROPOSED BMPs	LF@2217425 2032767
2032821	CORRESPONDENCE	LF@2346225 2032821
2032865	CORRESPONDENCE	LF@2420389 2032865
2032866	PROPOSED BMPs	LF@2420390 2032866
2032944	CORRESPONDENCE	LF@2434432 2032944
2032945	CORRESPONDENCE	LF@2434430 2032945
400026571	NRCS MAP UNIT DESC	LF@2208779 400026571
400026755	HYDROLOGY MAP	LF@2208780 400026755
400026757	CONST. LAYOUT DRAWINGS	LF@2208781 400026757
400026758	LOCATION DRAWING	LF@2208782 400026758
400026759	LOCATION PICTURES	LF@2208783 400026759
400026760	REFERENCE AREA PICTURES	LF@2208784 400026760
400026764	REFERENCE AREA MAP	LF@2208785 400026764
400026765	ACCESS ROAD MAP	LF@2208786 400026765
400026766	FORM 2A SUBMITTED	LF@2208787 400026766

Total Attach: 17 Files