

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:

2095429

Oil and Gas Location Assessment

New Location  Amend Existing Location Location#: 316682

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:

**316682**

Expiration Date:

**03/31/2013**

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: 28600

Name: EXXON MOBIL CORPORATION

Address: P O BOX 4358

City: HOUSTON State: TX Zip: 77210-4358

3. Contact Information

Name: MARK DEL PICO

Phone: (281) 654-1926

Fax: (281) 654-1940

email: MARK.DELPICO@EXXONMOBIL.COM

4. Location Identification:

Name: INDEPENDENCE U Number: 496-9A1

County: RIO BLANCO

Quarter: NESW Section: 9 Township: 4S Range: 96W Meridian: 6 Ground Elevation: 7704

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: 1777 feet, from North or South section line: FSL and 2167 feet, from East or West section line: FWL

Latitude: 39.714511 Longitude: -108.175277 PDOP Reading: 3.9 Date of Measurement: 01/22/2008

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

Special Purpose Pits:  Drilling Pits:  3 Wells:  1 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: THIS IS AN APPRAISAL WELL.

6. Construction:

Date planned to commence construction: 09/01/2010 Size of disturbed area during construction in acres: 8.18
Estimated date that interim reclamation will begin: 02/01/2011 Size of location after interim reclamation in acres: 3.00
Estimated post-construction ground elevation: 7709 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
Mud disposal: Offsite Onsite X Method: Land Farming Land Spreading Disposal Facility
Other: BURIAL

7. Surface Owner:

Name: BUREAU OF LAND MANAGEMENT Phone: 970/878-3800
Address: 220 EAST MARKET ST. Fax: 970/878-3805
Address: Email: JAY.JOHNSON@BLM.GOV
City: MEEKER State: CO Zip: 81641 Date of Rule 306 surface owner consultation: 10/03/2007
Surface Owner: X Fee State Federal Indian
Mineral Owner: Fee State X 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 X Surface Use Agreement Right of Way
applicant is owner
Surface damage assurance if no agreement is in place: \$2000 \$5000 Blanket Surety ID 19800009

8. Reclamation Financial Assurance:

X Well Surety ID: 20060153 Gas Facility Surety ID: Waste Mgmt. Surety ID:

9. Cultural:

Is the location in a high density area (Rule 603.b.): Yes No X
Distance, in feet, to nearest building: 10367 , public road: 2001 , above ground utilit: 10367
, railroad: 100320 , property line: 1777

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: CASTNER CHANNERY LOAM COMPLEX (SOIL UNIT 15: SHEET NO)

NRCS Map Unit Name: PARACHUTE-RHONE LOAMS (SOIL UNIT 59: SHEET NO. 53)

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: PRIMARY VEGETATION IS PINYON & JUNIPER WITH UNDERSTORY OF SHRUBS & GRASSES.

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: 884, water well: 2100, depth to ground water: 80

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 INDEPENDENCE UNIT AND THE LIBERTY UNIT HAVE BEEN COMBINED INTO THE EXPANDED LIBERTY UNIT. THE WELL NAME IS REVISED TO THE EXPANDED LIBERTY UNIT 496-9A1. THE SURFACE LOCATION AND BOTTOM HOLE LOCATION REMAIN AS ORIGINALLY PERMITTED. SENSITIVE WILDLIFE HABITAT AREA DETERMINED FROM COGCC DATABASE. COGCC FORM 2 TO RENEW THE APD FOR THIS WELLBORE WAS SUBMITTED ALONG WITH THIS FORM 2A. SEE ATTACHED SUP FOR ADDITIONAL INFORMATION. THIS IS AN APPRAISAL WELL. AFTER DRILLING THERE WILL ONLY BE A WELLHEAD AT THIS LOCATION. IF EM DECIDES TO INSTALL FACILITIES A NEW FORM 2A WILL BE SUBMITTED FOR APPROVAL. Railroad 19 miles away (ksc 02/18/10)

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

Signed: \_\_\_\_\_ Date: 02/01/2010 Email: MARK.DELPICO@EXXONMOBIL.COM

Print Name: MARK DEL PICO Title: REGULATORY

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: 4/1/2010

**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 and/or dry cuttings pit must be lined.

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 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
2032963	CORRESPONDENCE	LF@2436807 2032963
2085183	NRCS MAP UNIT DESC	LF@2420611 2085183
2085184	NRCS MAP UNIT DESC	LF@2420613 2085184
2095429	FORM 2A	LF@2237137 2095429
2095432	LOCATION PICTURES	LF@2237676 2095432
2095433	LOCATION PICTURES	LF@2237679 2095433
2095434	LOCATION PICTURES	LF@2237681 2095434
2095435	LOCATION DRAWING	LF@2237141 2095435
2095436	HYDROLOGY MAP	LF@2237642 2095436
2095437	ACCESS ROAD MAP	LF@2237647 2095437
2095438	ACCESS ROAD MAP	LF@2237650 2095438
2095439	ACCESS ROAD MAP	LF@2237655 2095439
2095440	ACCESS ROAD MAP	LF@2237659 2095440
2095441	ACCESS ROAD MAP	LF@2237665 2095441
2095442	REFERENCE AREA MAP	LF@2237670 2095442
2095443	CONST. LAYOUT DRAWINGS	LF@2237145 2095443
2095444	SURFACE PLAN	LF@2237154 2095444
400039029	FORM 2A SUBMITTED	LF@2420528 400039029

Total Attach: 18 Files