

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:

400084117

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 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:

**419356**

Expiration Date:

**09/16/2013**

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: 10084

Name: PIONEER NATURAL RESOURCES USA INC

Address: 1401 17TH ST STE 1200

City: DENVER State: CO Zip: 80202

3. Contact Information

Name: Georgina Kovacik

Phone: (303) 675-2611

Fax: (303) 294-1251

email: georgina.kovacik@pxd.com

4. Location Identification:

Name: MONTOYA Number: 44-13

County: LAS ANIMAS

Quarter: SE/SE Section: 13 Township: 33S Range: 68W Meridian: 6 Ground Elevation: 7703

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: 403 feet, from North or South section line: FSL and 955 feet, from East or West section line: FEL

Latitude: 37.165150 Longitude: -104.941060 PDOP Reading: 4.2 Date of Measurement: 06/08/2010

Instrument Operator's Name: R. Coberly

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="2"/>	Production Pits: <input type="text" value="1"/>	Dehydrator Units: <input type="text"/>
Condensate Tanks: <input type="text"/>	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" value="2"/>	Cavity Pumps: <input type="text" value="2"/>	LACT Unit: <input type="text"/>	Pump Jacks: <input type="text"/>	Pigging Station: <input type="text" value="2"/>
Electric Generators: <input type="text"/>	Gas Pipeline: <input type="text" value="2"/>	Oil Pipeline: <input type="text"/>	Water Pipeline: <input type="text" value="2"/>	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: 02/15/2011 Size of disturbed area during construction in acres: 1.00
Estimated date that interim reclamation will begin: 05/15/2011 Size of location after interim reclamation in acres: 0.50
Estimated post-construction ground elevation: 7703 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 X
Mud disposal: Offsite Onsite X Method: Land Farming Land Spreading Disposal Facility
Other: Drilling pit

7. Surface Owner:

Name: Phone:
Address: Fax:
Address: Email:
City: State: Zip: Date of Rule 306 surface owner consultation: 07/13/2010
Surface Owner: X Fee State Federal Indian
Mineral Owner: X 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 X Blanket Surety ID 20040084

8. Reclamation Financial Assurance:

Well Surety ID: 20040083 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: 1370 , public road: 980 , above ground utilit: 1020
, railroad: 116000 , property line: 369

10. Current Land Use (Check all that apply):

Crop Land: Irrigated Dry land Improved Pasture Hay Meadow CRP
Non-Crop Land: Rangeland X 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 X 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: Saruche-Rombo-Rock outcrop complex, 25 to 50% 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: 07/08/2010

List individual species: pine, cedar, 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: 1033, water well: 2250, depth to ground water: 5

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:

If a pit liner is used it will be properly managed as solid waste when the pit is colsed in accordance with state rules. The reference area is an undisturbed area adjacent to and to the south of the well pad. The water well used to determine the static water level is #3606216

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

Signed: \_\_\_\_\_ Date: 08/12/2010 Email: georgina.kovacik@pxd.com

Print Name: Georgina Kovacik Title: Engineering Tech

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: 9/17/2010

**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.**

- Location is in a sensitive area because of potential for adverse impacts to groundwater; therefore all pits should be lined.
- Location fill is on steep slopes; therefore the slope should be constructed in such a manner to manage site drainage and slope stability. The slope vegetation should be established immediately after the slope has been constructed.
- Pits shall be placed in the cut as shown on the provided Construction Layout Drawings DATED 8/30/2010 not in a fill area.
- Operator must impliment the stormwater plan included in the Attachments under the Other tab.

**Attachment Check List**

Att Doc Num	Name	Doc Description
2085615	CORRESPONDENCE	LF@2533564 2085615
2085616	CONST. LAYOUT DRAWINGS	LF@2533515 2085616
2085617	LOCATION DRAWING	LF@2533518 2085617
2085618	CONST. LAYOUT DRAWINGS	LF@2533511 2085618
2085619	OTHER	LF@2533359 2085619
400084117	FORM 2A SUBMITTED	LF@2523370 400084117
400084130	ACCESS ROAD MAP	LF@2523371 400084130
400084131	CONST. LAYOUT DRAWINGS	LF@2523372 400084131
400084133	HYDROLOGY MAP	LF@2523373 400084133
400084134	CONST. LAYOUT DRAWINGS	LF@2523374 400084134
400084137	LOCATION DRAWING	LF@2523375 400084137
400084139	CONSULT NOTICE	LF@2523376 400084139
400084142	LOCATION PICTURES	LF@2523377 400084142
400084143	LOCATION PICTURES	LF@2523378 400084143
400084144	TOPO MAP	LF@2523379 400084144
400084145	WELL LOCATION PLAT	LF@2523380 400084145
400084146	PROPOSED BMPs	LF@2523381 400084146
400084584	NRCS MAP UNIT DESC	LF@2523382 400084584

Total Attach: 18 Files

**General Comments**

User Group	Comment	Comment Date
Permit	PERMITTING PASSED	9/14/2010 10:08:59 AM
OGLA	Four COAs were added two of which are site specific. One relates to pit location and one relates to the stormwater plan. Ready to pass	8/31/2010 3:06:38 PM

Total: 2 comment(s)

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