

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:  
400014584

**Oil and Gas Location Assessment**

New Location       Amend Existing Location      Location#: 309398

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:  
**309398**  
Expiration Date:  
**12/21/2012**

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 Kovacic  
Phone: (303) 675-2611  
Fax: (303) 294-1251  
email: georgina.kovacik@pxd.com

**4. Location Identification:**

Name: Nataly Federal Number: 21-18  
County: LAS ANIMAS  
Quarter: NENW Section: 18 Township: 33S Range: 65W Meridian: 6 Ground Elevation: 7004

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: 145 feet, from North or South section line: FNL and 2573 feet, from East or West section line: FWL  
Latitude: 37.178460 Longitude: -104.713290 PDOP Reading: 2.2 Date of Measurement: 02/08/2007

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

Other: \_\_\_\_\_

6. Construction:

Date planned to commence construction: 05/10/2010 Size of disturbed area during construction in acres: 3.50
Estimated date that interim reclamation will begin: 08/10/2010 Size of location after interim reclamation in acres: 1.00
Estimated post-construction ground elevation: 7004 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: 02/07/2007
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 executor 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 X Blanket Surety ID 20040084

8. Reclamation Financial Assurance:

X Well Surety ID: 20040083 X Gas Facility Surety ID: 20040085 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: 2235 , public road: 3025 , above ground utilit: 3025
, railroad: 50250 , property line: 2763

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: Lorencito-Rombo-Sarcillo Complex, 25-65% 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: 02/08/2007

List individual species: pine, pinyon, 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: 237, water well: 4258, depth to ground water: 153

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 reference are is adjacent to and to the southwest of the well pad

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

Signed: \_\_\_\_\_ Date: 11/09/2009 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. Neshin*

COGCC Approved: \_\_\_\_\_

**Director of COGCC**

Date: 12/22/2009

Location is in a sensitive area because of close proximity to surface water; therefore, operator must ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations.

Operator must implement best management practices to contain any unintentional release of fluids.

### **Attachment Check List**

Att Doc Num	Name	Doc Description
2032724	CORRESPONDENCE	LF@2200695 2032724
400014593	FORM 2A SUBMITTED	LF@2188081 400014593
400014607	ACCESS ROAD MAP	LF@2188082 400014607
400014611	CONST. LAYOUT DRAWINGS	LF@2188083 400014611
400014612	HYDROLOGY MAP	LF@2188084 400014612
400014613	CONST. LAYOUT DRAWINGS	LF@2188085 400014613
400014614	LOCATION PICTURES	LF@2188086 400014614
400014615	LOCATION PICTURES	LF@2188087 400014615
400014616	SURFACE AGRMT/SURETY	LF@2188088 400014616
400014617	WELL LOCATION PLAT	LF@2188089 400014617
400014618	NRCS MAP UNIT DESC	LF@2188090 400014618
400014619	PROPOSED BMPs	LF@2188091 400014619
400014620	LOCATION DRAWING	LF@2188092 400014620

Total Attach: 13 Files