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:
400113761

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. Approvalof 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:
420989

Expiration Date:
12/27/2013

☐ 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: CLAVE Number: 43-11
County: LAS ANIMAS
QuarterQuarter: NE/SE Section: 11 Township: 33S Range: 68W Meridian: 6 Ground Elevation: 7976

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: 2378 feet FSL , from North or South section line, and 1262 feet FEL , from East or West section line.

Latitude: 37.185360 Longitude: -104.959910 PDOP Reading: 2.9 Date of Measurement: 07/29/2010

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:		Drilling Pits:	1	Wells:	2	Production Pits:	2	Dehydrator Units:	
Condensate Tanks:		Water Tanks:		Separators:	2	Electric Motors:		Multi-Well Pits:	
Gas or Diesel Motors:	2	Cavity Pumps:	2	LACT Unit:		Pump Jacks:		Pigging Station:	2
Electric Generators:		Gas Pipeline:	2	Oil Pipeline		Water Pipeline:	2	Flare:	
Gas Compressors:				VOC Combustor:		Oil Tanks:		Fuel Tanks:	

Other: _____

6. Construction:

Date planned to commence construction: 03/05/2011 Size of disturbed area during construction in acres: 1.00

Estimated date that interim reclamation will begin: 08/05/2011 Size of location after interim reclamation in acres: 0.50

Estimated post-construction ground elevation: 7976 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: drilling pit

7. Surface Owner:

Name: Phone:

Address: Fax:

Address: Email:

City: State: Zip: Date of Rule 306 surface owner consultation: 09/29/2010

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 20040084

8. Reclamation Financial Assurance:

☐ Well Surety ID: 20040083 ☐ 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: 1360 , public road: 1560 , above ground utilit: 1300

, railroad: 117800 , property line: 169

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: Gulnare-Rock Outcrop Complex 15 to 50 % slopes, very stony

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: 07/29/2010

List individual species: pine, cedar, oak, grasses, cactus

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: 1280 , water well: 1450 , depth to ground water: 87

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 properly managed as solid wasteh when the pit is closed in accordance with state rules. The reference area is an undisturbed area adjacent to and to the of the well pad. The water well used to determine the static water level is #3605888. Maximum ground slope across proposed construction site is less than 10%.

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

Signed: Date: 12/03/2010 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.

COGCC Approved: David S. Neslin **Director of COGCC** Date: 12/28/2010

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.

Due to the Gulnare soil type the following will apply: Location is in a sensitive area because of potential for adverse impacts to ground water/surface water; therefore all pits will be lined.
Operator must implement site-specific best management practices in accordance with good engineering practices, including, but not limited to, construction of a berm or diversion dike, site grading, or other comparable measures, sufficient to prevent a release of drilling, completion, produced fluids, or chemical products from migrating off of the oil and gas location.
Prior to putting production pits into service Pioneer shall submit an Earthen Pit Report/Permit Form 15 to the Director for approval in accordance with rule 903.a.. No production water shall be placed in a pit without a pre-approved form 15.

Attachment Check List

Att Doc Num	Name
2533042	LOCATION DRAWING
2533043	CORRESPONDENCE
400113761	FORM 2A SUBMITTED
400113765	ACCESS ROAD MAP
400113766	HYDROLOGY MAP
400113767	CONST. LAYOUT DRAWINGS
400113768	LOCATION DRAWING
400113769	LOCATION PICTURES
400113770	LOCATION PICTURES
400113771	CONST. LAYOUT DRAWINGS
400113772	TOPO MAP
400113773	WELL LOCATION PLAT
400113774	NRCS MAP UNIT DESC
400113775	PROPOSED BMPs

Total Attach: 14 Files

General Comments

User Group	Comment	Comment Date
Permit	PERMITTING PASSED- JLV	12/9/2010 3:09:14 PM
OGLA	Ready to Pass 12/27/2010	12/9/2010 10:59:44 AM

Total: 2 comment(s)

BMP

Type	Comment

Total: 0 comment(s)