

FORM
2A

Rev
04/01

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400436938

Date Received:

Oil and Gas Location Assessment

☐ New Location

☒ Amend Existing Location Location#: 323841

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 standalone 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:

323841

Expiration Date:

☒ 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: 96850

Name: WPX ENERGY ROCKY MOUNTAIN LLC

Address: 1001 17TH STREET - SUITE #1200

City: DENVER State: CO Zip: 80202

3. Contact Information

Name: Angela Neifert-Kraiser

Phone: (303) 606-4398

Fax: (303) 629-8268

email: Angela.Neifert-Kraiser@WPXEnergy.com

4. Location Identification:

Name: FORSHEE

Number: GV 86-2 PAD

County: GARFIELD

QuarterQuarter: NESW Section: 2 Township: 7S Range: 95W Meridian: 6 Ground Elevation: 5820

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: 2001 feet FSL, from North or South section line, and 1575 feet FWL, from East or West section line.

Latitude: 39.464977 Longitude: -107.969226 PDOP Reading: 3.4 Date of Measurement: 03/12/2013

Instrument Operator's Name: Michael Langhorne

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"/> | Wells: <input type="text" value="25"/> | Production Pits: <input type="checkbox"/> | Dehydrator Units: <input type="checkbox"/> |
| Condensate Tanks: <input type="checkbox"/> | Water Tanks: <input type="text" value="1"/> | Separators: <input type="text" value="25"/> | 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="checkbox"/> | Pump Jacks: <input type="checkbox"/> | Pigging Station: <input type="checkbox"/> |
| Electric Generators: <input type="checkbox"/> | Gas Pipeline: <input type="checkbox"/> | Oil Pipeline: <input type="text" value="1"/> | 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="checkbox"/> | Fuel Tanks: <input type="checkbox"/> | |

Other: _____

6. Construction:

Date planned to commence construction: 11/01/2014 Size of disturbed area during construction in acres: 5.28
Estimated date that interim reclamation will begin: 07/01/2015 Size of location after interim reclamation in acres: 1.60
Estimated post-construction ground elevation: 5821 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: Re-Use, backfill & evap

7. Surface Owner:

Name: WPX ENERGY Phone: 303-572-3900
Address: 1001 17TH STREET, SUITE 1200 Fax: 303-629-8268
Address: _____ Email: _____
City: DENVER State: CO Zip: 80202 Date of Rule 306 surface owner consultation: _____
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: 20030107 ☐ Gas Facility Surety ID: _____ ☐ Waste Mgmt. Surety ID: _____

9. Cultural:

Is the location in a high density area (Rule 603.b.): Yes ☐ No ☒
Distance, in feet, to nearest building: 697, public road: 1090, above ground utilit: 276
, railroad: 4637, property line: 168

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 be 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: 56, Potts Loam, 60to 12 Percent Slope

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: 08/10/2012

List individual species: Cheatgrass, Wheatgrass and Brome

Check all plant communities that exist in the disturbed area.

- ☒ Disturbed Grassland (Cactus, Yucca, Cheatgrass, Rye)
☒ Native Grassland (Bluestem, 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: 2136, water well: 681, depth to ground water: 90

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 for the GV 86-2 well pad which was previously constructed from which a total of 25 wells will be drilled when totally drilled out; we are permitting 20 of wells at this time to be drilled on this visit. The location reference point for this pad is the PA 524-2 from which all measurements were taken. Reference photos will be provided at a later date. A closed mud system will be used. See attached plats etc for additional details. The CA in effect for this location is COC053631. Closed Loop. Cmt > 200' above uppermost mvrld sand.

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

Signed: Date: Email: Angela.Neifert-Kraiser@WPXEnergy.com

Print Name: Angela Neifert-Kraiser Title: Regulatory Specialist

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:

**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.

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Attachment Check List

| Att Doc Num | Name |
|-------------|------------------------|
| 400436963 | PROPOSED BMPs |
| 400440118 | SENSITIVE AREA DATA |
| 400440122 | NRCS MAP UNIT DESC |
| 400440232 | ACCESS ROAD MAP |
| 400440234 | CONST. LAYOUT DRAWINGS |
| 400440236 | LOCATION DRAWING |
| 400440239 | REFERENCE AREA MAP |
| 400441962 | OTHER |
| 400441974 | LOCATION PICTURES |
| 400442181 | MULTI-WELL PLAN |
| 400449913 | HYDROLOGY MAP |

Total Attach: 11 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|--------------------------|-----------------------|----------------------------|
| | | |

Total: 0 comment(s)

BMP

| <u>Type</u> | <u>Comment</u> |
|--------------------------------|--|
| Planning | <ul style="list-style-type: none">* Maximize the utility of surface facilities by developing multiple wells from a single pad (directional drilling), and by co-locating multipurpose facilities (for example, well pads and compressors) to avoid unnecessary habitat fragmentation and disturbance of additional geographic areas. |
| General Housekeeping | <p>Although this location is located within 500 ft. of perennial, ephemeral, or intermittent surface water according to USGS mapped surface waters, the attached Sensitive Area Determination concludes that the location is not within a sensitive area due to the low potential for impacts to surface water in the case of a facility release. However, in order to satisfy COGCC guidance requiring that all locations within 500 ft. of mapped surface water incorporate BMPs to protect that surface water, Williams will employ the following BMPs at this location:</p> <ul style="list-style-type: none">• Williams will ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations.• Williams will implement best management practices to contain any unintentional release of fluids.• Either a lined drilling pit or closed loop system will be implemented. |
| Drilling/Completion Operations | <ul style="list-style-type: none">* Conduct well completions with drilling operations to limit the number of rig moves and traffic. |
| Interim Reclamation | <ul style="list-style-type: none">* Use only certified weed-free native seed in seed mixes, except for non-native plants that benefit wildlife* WPX Energy will use certified, weed free grass hay, straw, hay or other mulch materials used for the reseeding and reclamation of disturbed areas.* Install exclusionary devices to prevent bird and other wildlife access to equipment stacks, vents and openings.* Reduce visits to well-sites through remote monitoring (i.e. SCADA) and the use of multi-function contractors. |

Total: 4 comment(s)