

**FORM
2A**Rev
04/01State 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:

400056960

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:

417668

Expiration Date:

06/08/2013☒ 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: 96850

Name: WILLIAMS PRODUCTION RMT COMPANY

Address: 1515 ARAPAHOE ST STE 1000

City: DENVER State: CO Zip: 80202

3. Contact Information

Name: Howard Harris

Phone: (303) 606-4086

Fax: (303) 629-8272

email: howard.harris@williams.com

4. Location Identification:

Name: Federal

Number: PA 22-21

County: GARFIELD

QuarterQuarter: SENW Section: 21 Township: 6S Range: 95W Meridian: 6 Ground Elevation: 6020

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: 2501 feet, from North or South section line: FNL and 1436 feet, from East or West section line: FWL

Latitude: 39.510786 Longitude: -108.008150 PDOP Reading: 1.5 Date of Measurement: 02/23/2010

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

Special Purpose Pits: 1	Drilling Pits:	Wells: 15	Production Pits:	Dehydrator Units:
Condensate Tanks: 3	Water Tanks: 1	Separators: 15	Electric Motors:	Multi-Well Pits:
Gas or Diesel Motors:	Cavity Pumps:	LACT Unit:	Pump Jacks:	Pigging Station:
Electric Generators:	Gas Pipeline: 1	Oil Pipeline:	Water Pipeline: 1	Flare:
Gas Compressors:	VOC Combustor:	Oil Tanks:	Fuel Tanks:	

Other: Special purpose pit = Flare Pit

6. Construction:

Date planned to commence construction: 08/01/2010 Size of disturbed area during construction in acres: 4.85
Estimated date that interim reclamation will begin: 09/01/2011 Size of location after interim reclamation in acres: 1.41
Estimated post-construction ground elevation: 6024 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, Evaporation & Backfill

7. Surface Owner:

Name: _____ Phone: _____
Address: _____ Fax: _____
Address: _____ Email: _____
City: _____ State: _____ Zip: _____ 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: 7716, public road: 12540, above ground utilit: 7716
, railroad: 13026, property line: 3026

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: 62 Rock Outcrop - Torriorthents Complex, Very Steep

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: 03/29/2010

List individual species: Wheat Grass, Buffalograss, Sage,

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: 498, water well: 7813, depth to ground water: 130

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 Supply 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 construction of the PA 22-21 well pad. There will be 15 new wells drilled when complete. Surface and minerals are owned by the Federal Government. The location reference point for this pad is the PA 311-21 well from which all measurements were taken. Since this well pad is within a sensitive area, Williams will employ the following BMP's to support protection of surface and ground water: 1) Williams will ensure 110% secondary containment for any volume of fluids contained at well site during drilling and completion operations. 2) Williams will implement best management practices to contain any unintentional release of fluids. 3) A closed loop system will be used. Reference Photos will be provided at a later date after snow melt.

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

Signed: _____ Date: 04/29/2010 Email: Howard.Harris@williams.com

Print Name: Howard Harris Title: Sr. 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.

David S. Nash

COGCC Approved: _____ Director of COGCC Date: 6/9/2010

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.

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.

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.

Attachment Check List

Att Doc Num	Name	Doc Description
2033171	CORRESPONDENCE	LF@2482213 2033171
2033172	LOCATION DRAWING	LF@2482214 2033172
400056960	FORM 2A SUBMITTED	LF@2460141 400056960
400058492	ACCESS ROAD MAP	LF@2460142 400058492
400058494	PROPOSED BMPs	LF@2460143 400058494
400058495	CONST. LAYOUT DRAWINGS	LF@2460144 400058495
400058496	HYDROLOGY MAP	LF@2460145 400058496
400058497	LOCATION DRAWING	LF@2460146 400058497
400058498	LOCATION PICTURES	LF@2460147 400058498
400058499	MULTI-WELL PLAN	LF@2460148 400058499
400058500	NRCS MAP UNIT DESC	LF@2460149 400058500
400058501	TOPO MAP	LF@2460150 400058501
400058503	SENSITIVE AREA DATA	LF@2460151 400058503
400058504	TOPO MAP	LF@2460152 400058504

Total Attach: 14 Files