

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:

1637160

Oil and Gas Location Assessment

☐ New Location ☒ Amend Existing Location Location#: 335671

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:

335671

Expiration Date:

12/10/2012

☒ 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: 96850

Name: WILLIAMS PRODUCTION RMT COMPANY

Address: 1515 ARAPAHOE ST STE 1000

City: DENVER State: CO Zip: 80202

3. Contact Information

Name: JENNIFER HEAD

Phone: (303) 606-4342

Fax: (303) 620-8268

email: JENNIFER.HEAD@WILLIAMS.COM

4. Location Identification:

Name: RGU 11-25-198 PAD Number: _____

County: RIO BLANCO

QuarterQuarter: NWNW Section: 25 Township: 1S Range: 98W Meridian: 6 Ground Elevation: 6607

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: 970 feet, from North or South section line: FNL and 238 feet, from East or West section line: FWL

Latitude: 39.939160 Longitude: -108.350530 PDOP Reading: 2.5 Date of Measurement: 09/18/2008

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="2"/>	Wells: <input type="text" value="15"/>	Production Pits: <input type="text"/>	Dehydrator Units: <input type="text"/>
Condensate Tanks: <input type="text" value="4"/>	Water Tanks: <input type="text" value="12"/>	Separators: <input type="text" value="4"/>	Electric Motors: <input type="text"/>	Multi-Well Pits: <input type="text"/>
Gas or Diesel Motors: <input type="text"/>	Cavity Pumps: <input type="text"/>	LACT Unit: <input type="text"/>	Pump Jacks: <input type="text"/>	Pigging Station: <input type="text" value="1"/>
Electric Generators: <input type="text"/>	Gas Pipeline: <input type="text" value="1"/>	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: 10/05/2009 Size of disturbed area during construction in acres: 6.80
Estimated date that interim reclamation will begin: 06/01/2011 Size of location after interim reclamation in acres: 1.90
Estimated post-construction ground elevation: 6607 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: _____

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 executor 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: _____ ☐ 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: 2079, public road: 2150, above ground utilit: 7286
, railroad: 200640, property line: 8765

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: MAP UNIT 104, YAMAC LOAM (PROXIMAL TO RENTSAC CHANNERY LOAM)

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: 08/20/2009

List individual species: SAGEBRUSH, PINYON PINE, JUNIPER, GRAMMA, WHEATGRASS, NO NOXIOUS WEED SPECIES PRESENT.

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: 182, water well: 1360, depth to ground water: 480

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:

1) item1, location in critical mule deer winter range. Williams is working with BLM & CDOW on MOU and wildlife mitigation plan for development in this area. BLM oil & gas lease contains timing limitation to protect wintering mule deer. 2) Item 4, reference location selected is federal RGU 511-25-198, for which a form 2 has been filed and accompanies this application. 3) item 6, large existing pad, no construction or new surface disturbance will be needed for additional wells. wells will be added to existing A and B lines. 4) item 14, distance to nearest surface water measured to closest linear surface depression capable of accumulating runoff during a storm event. 5) construction layout drawing pg 1 of 2: slot list identifies 22 slots, 7 of which are open locations that are not planned for drilling. there is one existing well. This trip will include the three wells associated with this 2a, as well as seven wells that were approved previously, for a total of 10 wells drilled. four wells remain to be added at a later date. 6) the following 3 wells are currently linked to this form 2a, and form 2's have been filed concurrently with this 2a application: Federal RGU 511-25-198; Federal RGU 311-25-198; Federal RGU 41-26-198. 7) reclamation reference area is immediately adjacent to the location. 8) item 14, water level of nearest water well (natural soda monitoring well) not provided in dwr database, using permit #36778 for static level.

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

Signed: _____ Date: 10/08/2009 Email: JENNIFER.HEAD@WILLIAMS.COM

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: 12/11/2009

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
1637160	FORM 2A	LF@2158225 1637160
1637161	LOCATION PICTURES	LF@2158230 1637161
1637162	LOCATION PICTURES	LF@2158232 1637162
1637163	LOCATION DRAWING	LF@2158226 1637163
1637164	HYDROLOGY MAP	LF@2158233 1637164
1637165	ACCESS ROAD MAP	LF@2158234 1637165
1637166	REFERENCE AREA MAP	LF@2158235 1637166
1637167	REFERENCE AREA PICTURES	LF@2158236 1637167
1637168	NRCS MAP UNIT DESC	LF@2158227 1637168
1637169	CONST. LAYOUT DRAWINGS	LF@2158228 1637169
1637170	MULTI-WELL PLAN	LF@2158237 1637170
1637171	PROPOSED BMPs	LF@2158229 1637171
2032688	CONST. LAYOUT DRAWINGS	LF@2195809 2032688
2032689	CORRESPONDENCE	LF@2195815 2032689

Total Attach: 14 Files