

**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:

400040678

**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:

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: 96850Name: WILLIAMS PRODUCTION RMT COMPANYAddress: 1515 ARAPAHOE ST STE 1000City: DENVER State: CO Zip: 80202**3. Contact Information**Name: Jennifer HeadPhone: (303) 606-4342Fax: (303) 629-8268email: Jennifer.Head@Williams.com**4. Location**

## Identification:

Name: Federal RGU 31-25-198

Number: \_\_\_\_\_

County: RIO BLANCOQuarterQuarter: NWNE Section: 25 Township: 1S Range: 98W Meridian: 6 Ground Elevation: 6641

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: 295 feet, from North or South section line: FNL and 1949 feet, from East or West section line: FELLatitude: 39.940801 Longitude: -108.340196 PDOP Reading: 2.4 Date of Measurement: 10/08/2008**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="3"/>	Wells:	<input type="text" value="16"/>	Production Pits:	<input type="text"/>	Dehydrator Units:	<input type="text"/>
Condensate Tanks:	<input type="text" value="4"/>	Water Tanks:	<input type="text" value="8"/>	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"/>
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: 4 Chemical Injection Pumps, 4 Tanks Corrosion/Scale Inhibitor, 2 Methanol Tanks, 2 Methanol Pumps

## 6. Construction:

Date planned to commence construction: 08/01/2010 Size of disturbed area during construction in acres: 1.00  
Estimated date that interim reclamation will begin: 07/01/2012 Size of location after interim reclamation in acres: 1.00  
Estimated post-construction ground elevation: 6640 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: Evaporation & Backfilling

## 7. Surface Owner:

Name: Bureau of Land Management Phone: 970-878-3800  
Address: White River Field Office Fax: 970-878-3805  
Address: 2200 East Market St Email: Christina\_Barlow@blm.gov  
City: Meeker State: CO Zip: 81641 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: \_\_\_\_\_ ☐ 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: 6547, public road: 791, above ground utilit: 14414  
, railroad: 194304, property line: 11088

## 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: 73 - Rentsac Channery Loam

NRCS Map Unit Name: 104 - Yamac Loam

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: No noxious weeds present based on 8/20/2009 field observation

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: 646, water well: 7268, depth to ground water: 487

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:

- (1) Item 4, Reference Location selected is Federal RGU 431-25-198, for which an APD has been submitted and accompanies this application.
- (2) The Federal RGU 31-25-198 is a new location
- (3) Item 9, Cultural Resources measured as follows: building measured NE to mining operations in S/2 of NE Qtr, Sec 19, T1S-R97W; public road measured SE to CR 83; above ground utility measured E to CR 5; property line measured SE to the NESE of Sec 29, T1S-R97W.
- (4) Item 14, distance to nearest surface water measured east to the nearest blue line drainage
- (5) Item 14, water level of nearest drilled water well (Municipal / Irrigation well NESW Sec 26, T1S-R98W. Permit #32722-MH-) shows static water level of 487'
- (6) Construction layout drawing pg 1 of 2: slot list identifies 22 slots, 4 of which are opened and not planned for drilling. All 16 wells will be drilled in one trip.
- (7) The following 16 wells are associated with this 2A application: Federal RGU 431-,331-,541-,441-,341-,421-,321-,21-,31-,434-,334-25-198; Federal RGU 41-,444-,344-,524-,424-24-198.
- (9) Reclamation reference area is immediately adjacent to the location. (10) Distance to nearest surface water is 646.46', measured from the reference area to the nearest headway to a tributary to Yellow Creek. Distance to nearest blue line drainage is 3220' to Yellow Creek.

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

Signed: \_\_\_\_\_ Date: \_\_\_\_\_ Email: Jennifer.Head@Williams.com

Print Name: Jennifer Head Title: Regulatory Team Lead

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: \_\_\_\_\_

**Attachment Check List**

Att Doc Num	Name	Doc Description
400041543	PROPOSED BMPs	10 proposed bmps_FEDERAL RGU 31-25-198 - COGCC PKG-4.pdf
400041545	LOCATION PICTURES	01 Loc Pictures_FEDERAL RGU 31-25-198 - COGCC PKG.pdf
400041546	LOCATION DRAWING	02 Loc Drawing_FEDERAL RGU 31-25-198 - COGCC PKG-2.pdf
400041547	HYDROLOGY MAP	03 hydrology map_FEDERAL RGU 31-25-198 - COGCC PKG-3.pdf
400041548	ACCESS ROAD MAP	04 Access rd map_FEDERAL RGU 31-25-198 - COGCC PKG-4.pdf
400041549	REFERENCE AREA MAP	05 ref area map_FEDERAL RGU 31-25-198 - COGCC PKG-5.pdf
400041550	REFERENCE AREA PICTURES	06 ref area pictures_FEDERAL RGU 31-25-198 - COGCC PKG-6.pdf
400041551	NRCS MAP UNIT DESC	07 nracs desc_FEDERAL RGU 31-25-198 - COGCC PKG.pdf
400041552	CONST. LAYOUT DRAWINGS	08 const drawings_FEDERAL RGU 31-25-198 - COGCC PKG-2.pdf
400041553	MULTI-WELL PLAN	09 multiwell plan_FEDERAL RGU 31-25-198 - COGCC PKG-3.pdf

Total Attach: 10 Files