

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:

2095264

## Oil and Gas Location Assessment

☐ New Location
 ☒ Amend Existing Location
 Location#: 335724

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:

**335724**

Expiration Date:

**03/25/2013**☒ 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: JENNIFER HEAD

Phone: (303) 606-4342

Fax: (303) 629-8268

email: JENNIFER.HEAD@WILLIAMS.COM

## 4. Location Identification:

Name: FEDERAL RGU 33-24-198 PAD Number: \_\_\_\_\_

County: RIO BLANCO

QuarterQuarter: NWSE Section: 24 Township: 1S Range: 98W Meridian: 6 Ground Elevation: 6593

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: 2167 feet, from North or South section line: FSL and 1710 feet, from East or West section line: FEL

Latitude: 39.947545 Longitude: -108.339385 PDOP Reading: 2.7 Date of Measurement: 12/07/2007

## 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="22"/>	Production Pits: <input type="text"/>	Dehydrator Units: <input type="text"/>
Condensate Tanks: <input type="text" value="4"/>	Water Tanks: <input type="text" value="4"/>	Separators: <input type="text" value="2"/>	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="1"/>	Flare: <input type="text"/>
Gas Compressors: <input type="text"/>	VOC Combustor: <input type="text" value="1"/>	Oil Tanks: <input type="text"/>	Fuel Tanks: <input type="text"/>	

Other: 2 CHEMICAL INJECTION PUMPS, 2 TANKS CORROSION/SCALE INHIBITOR, 2 METHANOL TANKS, 2 METHANOL PUMPS

## 6. Construction:

Date planned to commence construction: 07/01/2010 Size of disturbed area during construction in acres: 6.20  
Estimated date that interim reclamation will begin: 08/01/2011 Size of location after interim reclamation in acres: 1.80  
Estimated post-construction ground elevation: 6593 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: 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: 5386, public road: 2349, above ground utilit: 15576  
, railroad: 173923, property line: 11669

## 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: 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 08/20/2009 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): ABOVE INFORMATION REPRESENTS THE REFERENCE AREA DUE TO THE RGU 33-24-198 BEING AN EXISTING LOCATION.

### 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: 366, water well: 6707, depth to ground water: 477

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 342-24-198, FOR WHICH AN APD REFILE HAS BEEN SUBMITTED AND ACCOMPANIES THIS APPLICATION. 2) PAD CONSTRUCTED, NO ADDITIONAL SURFACE DISTURBANCE NEEDED. EXISTING PITS WILL BE USED TO DRILL ADDITIONAL WELLS. 3) ITEM 9, CULTURAL RESOURCES MEASURED AS FOLLOWS: BUILDING MEASURED EAST 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. WATER WELL MEASURED TO MONITORING WELL IN NENE SEC 19, T1S-R97W. 4) ITEM 14, DISTANCE TO NEAREST SURFACE WATER MEASURED EAST TO THE NEAREST BLUE LINE DRAINAGE (YELLOW CREEK TRIBUTARY). 5) ITEM 14, WATER LEVEL OF NEAREST DRILLED WATER WELL (MONITOR WELL NENE SEC 19, T1S-R97W. PERMIT #32722-MH-) SHOWS STATIC WATER LEVEL OF 477'. 6) CONSTRUCTION LAYOUT DRAWING PG 1 OF 2: SLOT LIST IDENTIFIES 22 SLOTS, 6 OF WHICH ARE OPENED AND NOT PLANNED FOR DRILLING. THERE IS CURRENTLY A RIG ON LOCATION. NEXT TRIP TO THE PAD WILL INCLUDE THE FOUR REFILE APD'S ASSOCIATED WITH THIS 2A. THE REMAINING 8 WELLS WILL BE ADDED AT A LATER DATE. 7) RIG ON LOCATION DRILLING THE FOLLOWING WELLS: FED RGU 34-24-198, FED RGU 433-24-198, FED RGU 33-24-198, FED RGU 532-24-198. THE FOLLOWING 4 APD REFILES ARE SUBMITTED WITH THIS APPLICATION: FED RGU 342-24-198, FED RGU 542-24-198, FED RGU 343-24-198, FED RGU 543-24-198. 9) RECLAMATION REFERENCE AREA IS IMMEDIATELY ADJACENT TO THE LOCATION.

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

Signed: \_\_\_\_\_ Date: 01/28/2010 Email: JENNIFER.HEAD@WILLIAMS.COM

Print Name: JENNIFER HEAD Title: REGULATORY

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 G. Nash Director of COGCC Date: 3/26/2010

**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.**

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. If fluids are conveyed via pipeline, operator must implement best management practices to contain any unintentional release of fluids.

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.

Operator must implement best management practices to contain any unintentional release of fluids.

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.

Reserve pit must be lined.

### **Attachment Check List**

Att Doc Num	Name	Doc Description
2032936	CORRESPONDENCE	LF@2436132 2032936
2095264	FORM 2A	LF@2221661 2095264
2095265	LOCATION PICTURES	LF@2221693 2095265
2095266	LOCATION DRAWING	LF@2221694 2095266
2095267	HYDROLOGY MAP	LF@2221695 2095267
2095268	ACCESS ROAD MAP	LF@2221696 2095268
2095269	REFERENCE AREA MAP	LF@2221697 2095269
2095270	REFERENCE AREA PICTURES	LF@2221698 2095270
2095271	NRCS MAP UNIT DESC	LF@2221662 2095271
2095272	CONST. LAYOUT DRAWINGS	LF@2221711 2095272
2095273	MULTI-WELL PLAN	LF@2221699 2095273
2095274	PROPOSED BMPs	LF@2221712 2095274
400039009	FORM 2A SUBMITTED	LF@2420276 400039009

Total Attach: 13 Files