

**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:

400088142

Oil and Gas Location Assessment☐ New Location ☒ Amend Existing Location Location#: 335919

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:

335919

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: 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 Number: RGU 41-1-298

County: RIO BLANCO

QuarterQuarter: LOT 21 Section: 1 Township: 2S Range: 98W Meridian: 6 Ground Elevation: 6576

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: 803 feet, from North or South section line: FNL and 572 feet, from East or West section line: FEL

Latitude: 39.910260 Longitude: -108.335159 PDOP Reading: 2.5 Date of Measurement: 08/04/2010

Instrument Operator's Name: John Richardson

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="8"/> | Production Pits: | <input type="text"/> | Dehydrator Units: | <input type="text"/> |
| Condensate Tanks: | <input type="text" value="6"/> | Water Tanks: | <input type="text" value="6"/> | 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" value="1"/> | Oil Tanks: | <input type="text"/> | Fuel Tanks: | <input type="text"/> | | |

Other: _____

6. Construction:

Date planned to commence construction: 02/01/2011 Size of disturbed area during construction in acres: 6.60
Estimated date that interim reclamation will begin: 05/01/2012 Size of location after interim reclamation in acres: 1.60
Estimated post-construction ground elevation: 6572 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 Street 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: 11035, public road: 1487, above ground utilit: 12566
, railroad: 121440, property line: 4075

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: _____

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: 08/04/2010

List individual species: No noxious weeds observed as of 8/4/2010

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: 234, water well: 6758, depth to ground water: 50

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) Reference Point selected is the 432-1-298 well, for which an APD refile accompanies this application (2) The Federal RGU 41-1-298 is a new location (3) Cultural resources are measured as follows: Building measured to structures along CR 24; Public road measured to Natec Rd; Utility measured out past CR 5; Property line measured to Sec 3, T2S-R98W (4) Water resources: distance to nearest surface water measured to nearest blue line drainage; nearest water well (SWNW Sec 12, T2S-R98W, Permit #4830, stock pond) shows a depth to ground water of 50' (5) Construction layout drawing slot list shows 22 slots, 2 of which are opened and not currently planned for drilling. The following 5 APD refiles are associated with this application: Federal RGU 432-,441-,342-, 542-1-298 and 411-6-297. 3 new APDs are also associated with this application: Federal RGU 531-,331-,41-1-298 (6) Location has not been constructed (7) Reference area pictures will be submitted within 1 year

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

Signed: _____ Date: 08/27/2010 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: _____

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.

Attachment Check List

| Att Doc Num | Name | Doc Description |
|-------------|-------------------------|------------------------------------|
| 400088142 | FORM 2A SUBMITTED | 400088142.pdf |
| 400088279 | LOCATION PICTURES | 01_RGU 41-1-298_Loc Pics.pdf |
| 400088280 | LOCATION DRAWING | 02_RGU 41-1-298_Loc Drawing.pdf |
| 400088281 | HYDROLOGY MAP | 03_RGU 41-1-298_Hydro Map.pdf |
| 400088282 | ACCESS ROAD MAP | 04_RGU 41-1-298_Accessd Rd Map.pdf |
| 400088283 | REFERENCE AREA MAP | 05_RGU 41-1-298_Ref Area Map.pdf |
| 400088284 | REFERENCE AREA PICTURES | 06_RGU 41-1-298_Ref Area Pics.pdf |
| 400088285 | NRCS MAP UNIT DESC | 07_RGU 41-1-298_NRCS Descr.pdf |
| 400088287 | CONST. LAYOUT DRAWINGS | 08_RGU 41-1-298_Const Drawings.pdf |
| 400088289 | MULTI-WELL PLAN | 09_RGU 41-1-298_Multiwell Plan.pdf |
| 400088291 | PROPOSED BMPs | 10_RGU 41-1-298_Prop BMPs.pdf |
| 400088293 | SENSITIVE AREA DATA | 11_RGU 41-1-298_SAD.pdf |

Total Attach: 12 Files