

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:

2585277

**Oil and Gas Location Assessment**

New Location       Amend Existing Location      Location#: 383328

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:

**383328**

Expiration Date:

**03/14/2013**

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: GREG DAVIS

Phone: (303) 606-4071

Fax: (303) 629-8272

email: Gregory.Davis@Williams.com

**4. Location Identification:**

Name: FEDERAL Number: RU 23-5

County: GARFIELD

Quarter: NENW Section: 5 Township: 7S Range: 93W Meridian: 6 Ground Elevation: 7604

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: 153 feet, from North or South section line: FNL and 2594 feet, from East or West section line: FWL

Latitude: 39.474937 Longitude: -107.798837 PDOP Reading: 6.0 Date of Measurement: 07/03/2008

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

Special Purpose Pits: <input type="text" value="0"/>	Drilling Pits: <input type="text"/>	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="22"/>	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"/>	Flare: <input type="text" value="1"/>
Gas Compressors: <input type="text"/>	VOC Combustor: <input type="text"/>	Oil Tanks: <input type="text"/>	Fuel Tanks: <input type="text"/>	

Other: CUTTINGS TRENCH

6. Construction:

Date planned to commence construction: 07/01/2010 Size of disturbed area during construction in acres: 4.69
Estimated date that interim reclamation will begin: 12/01/2010 Size of location after interim reclamation in acres: 0.85
Estimated post-construction ground elevation: 7604 Will a closed loop system be used for drilling fluids: Yes [X]
Will salt sections be encountered during drilling: Yes [ ] No [X] Is H2S anticipated? Yes [ ] No [ ]
Will salt (>15,000 ppm TDS Cl) or oil based muds be used: Yes [ ] No [X]
Mud disposal: Offsite [X] Onsite [ ] Method: Land Farming [ ] Land Spreading [ ] Disposal Facility [ ]
Other: RE-USED

7. Surface Owner:

Name: BUREAU OF LAND MANAGEMENT Phone:
Address: 2300 RIVER FRONTAGE RD. Fax:
Address: Email:
City: SILT State: CO Zip: 81652 Date of Rule 306 surface owner consultation:
Surface Owner: [ ] Fee [ ] State [X] Federal [ ] Indian
Mineral Owner: [ ] Fee [ ] State [X] Federal [ ] Indian
The surface owner is: [X] 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: [X] oil and gas lease [ ] Surface Use Agreement [ ] Right of Way
[ ] applicant is owner
Surface damage assurance if no agreement is in place: [ ] \$2000 [X] \$5000 [ ] Blanket Surety ID

8. Reclamation Financial Assurance:

[X] Well Surety ID: 20030107 [ ] Gas Facility Surety ID: [ ] Waste Mgnt. Surety ID:

9. Cultural:

Is the location in a high density area (Rule 603.b.): Yes [ ] No [X]
Distance, in feet, to nearest building: 4702 , public road: 9302 , above ground utilit: 1988
, railroad: 5280 , property line: 1248

10. Current Land Use (Check all that apply):

Crop Land: [ ] Irrigated [ ] Dry land [ ] Improved Pasture [ ] Hay Meadow [ ] CRP
Non-Crop Land: [X] 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: [X] 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: 45-MORVAL-TRIDELL COMPLEX, 6 TO 25% SLOPES.

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: 12/01/2009

List individual species: \_\_\_\_\_  
\_\_\_\_\_

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: 2116, water well: 5084, depth to ground water: 88

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:

THIS LOCATION ASSESSMENT IS FOR THE CONSTRUCTION OF A NEW WELL PAD. THERE WILL BE A TOTAL OF 22 WELLS ON THE PAD WHEN DRILLED OUT. WILLIAMS IS CURRENTLY SUBMITTING 4 RE-FILE APD'S FOR PERMIT APPROVAL. PAD IS LOCATED ON FEDERAL SURFACE. THE LOCATION REFERENCE POINT FOR THIS FACILITY IS THE NER 433-32 WELL. ALL MEASUREMENTS WERE TAKEN FROM THIS POINT. REFERENCE AREA PHOTOS WILL BE TAKEN AT A LATER DATE, DUE TO SNOW COVER.

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

Signed: \_\_\_\_\_ Date: 12/18/2009 Email: GREG.J.DAVIS@WILLIAMS.COM

Print Name: GREG DAVIS Title: PERMITTING

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. Neshin*

COGCC Approved: \_\_\_\_\_

Director of COGCC

Date: 3/15/2010

**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.**

**Attachment Check List**

Att Doc Num	Name	Doc Description
1791428	SENSITIVE AREA DATA	LF@2208569 1791428
1791429	SENSITIVE AREA DATA	LF@2208570 1791429
2032807	CORRESPONDENCE	LF@2280423 2032807
2032808	HYDROLOGY MAP	LF@2280424 2032808
2032809	LOCATION DRAWING	LF@2280425 2032809
2585277	FORM 2A	LF@2201793 2585277
2585278	LOCATION PICTURES	LF@2201917 2585278
2585279	LOCATION PICTURES	LF@2201919 2585279
2585280	LOCATION PICTURES	LF@2201921 2585280
2585281	LOCATION DRAWING	LF@2201794 2585281
2585282	ACCESS ROAD MAP	LF@2201795 2585282
2585283	LOCATION DRAWING	LF@2201923 2585283
2585284	REFERENCE AREA MAP	LF@2201797 2585284
2585285	NRCS MAP UNIT DESC	LF@2201799 2585285
2585286	CONST. LAYOUT DRAWINGS	LF@2201800 2585286
2585287	MULTI-WELL PLAN	LF@2201804 2585287
2585288	PROPOSED BMPs	LF@2201802 2585288

Total Attach: 17 Files