

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		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">DE</td> <td style="width: 25%;">ET</td> <td style="width: 25%;">OE</td> <td style="width: 25%;">ES</td> </tr> </table>	DE	ET	OE	ES
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Document Number:
400146696

Oil and Gas Location Assessment

New Location
 Amend Existing Location
 Location#: 334689

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 standalone 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:
334689

 Expiration Date:
05/09/2014

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 LLC
 Address: 1001 17TH STREET - SUITE #1200
 City: DENVER State: CO Zip: 80202

3. Contact Information

Name: Greg Davis
 Phone: (303) 606-4071
 Fax: (303) 629-8268
 email: Greg.J.Davis@Williams.com

4. Location Identification:

Name: Bosely Number: SG 14-23
 County: GARFIELD
 QuarterQuarter: SWSW Section: 23 Township: 7S Range: 96W Meridian: 6 Ground Elevation: 5070
 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: 800 feet FSL, from North or South section line, and 172 feet FWL, from East or West section line.
 Latitude: 39.418176 Longitude: -108.086423 PDOP Reading: 2.0 Date of Measurement: 06/29/2010
 Instrument Operator's Name: J. Kirkpatrick

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

Special Purpose Pits: <input type="checkbox"/>	Drilling Pits: <input type="checkbox"/>	Wells: <input type="text" value="8"/>	Production Pits: <input type="checkbox"/>	Dehydrator Units: <input type="checkbox"/>
Condensate Tanks: <input type="text" value="2"/>	Water Tanks: <input type="checkbox"/>	Separators: <input type="text" value="8"/>	Electric Motors: <input type="checkbox"/>	Multi-Well Pits: <input type="checkbox"/>
Gas or Diesel Motors: <input type="checkbox"/>	Cavity Pumps: <input type="checkbox"/>	LACT Unit: <input type="checkbox"/>	Pump Jacks: <input type="checkbox"/>	Pigging Station: <input type="checkbox"/>
Electric Generators: <input type="checkbox"/>	Gas Pipeline: <input type="text" value="1"/>	Oil Pipeline: <input type="checkbox"/>	Water Pipeline: <input type="checkbox"/>	Flare: <input type="checkbox"/>
Gas Compressors: <input type="checkbox"/>	VOC Combustor: <input type="text" value="1"/>	Oil Tanks: <input type="checkbox"/>	Fuel Tanks: <input type="checkbox"/>	

Other: _____

6. Construction:

Date planned to commence construction: 09/01/2011 Size of disturbed area during construction in acres: 3.79
Estimated date that interim reclamation will begin: 04/01/2012 Size of location after interim reclamation in acres: 1.00
Estimated post-construction ground elevation: 5070 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: Re-use and evaporation

7. Surface Owner:

Name: _____ Phone: _____
Address: _____ Fax: _____
Address: _____ Email: _____
City: _____ State: _____ Zip: _____ Date of Rule 306 surface owner consultation: 07/20/2005
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: 2239, public road: 565, above ground utilit: 225
, railroad: 874, property line: 578

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.

IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.

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: 4. Arvada loam, 6 to 20% 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: 03/18/2011

List individual species: Cheatgrass. Wheatgrass. Sage

Check all plant communities that exist in the disturbed area.

- Disturbed Grassland (Cactus, Yucca, Cheatgrass, Rye)
- Native Grassland (Bluestem, 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: 404, water well: 1793, depth to ground water: 35

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:

Although this location is located within 500' of perennial, ephemeral, or intermittent surface water according to USGS mapped surface waters, the attached Sensitive Area Determination concludes that the location is not within a sensitive area due to the low potential for impacts to surface water in the case of a facility release. However, in order to satisfy COGCC guidance requiring that all locations within 500' of mapped surface water incorporate BMP's to protect the surface water, Williams will employ the following BMP's at this location: Williams will ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations. Williams will implement best management practices to contain any unintentional release of fluids. Either a lined drilling pit or closed loop system will be implemented.

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

Signed: _____ Date: 03/29/2011 Email: Greg.J.Davis@Williams.com

Print Name: Greg Davis Title: Supervisor Permits

IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.

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 S. Neslin

Director of COGCC

Date: 5/10/2011

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.

GENERAL SITE COAs:

Operator must implement best management practices to contain any unintentional release of fluids, including any fluids conveyed via temporary surface pipelines.

Operator must ensure secondary containment for any volume of fluids contained at well site during drilling and completion operations; including, but not limited to, construction of a berm or diversion dike, diversion/collection trenches within and/or outside of berms/dikes, site grading, or other comparable measures (i.e., best management practices (BMPs) associated with stormwater management) sufficiently protective of nearby surface water. Any berm constructed at the well pad location will be stabilized, inspected at regular intervals (at least every 14 days), and maintained in good condition.

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.

Flowback and stimulation fluids must be sent to tanks to allow the sand to settle out before the fluids can be placed into any pipeline or pit located on the well pad. The flowback and stimulation fluid tanks must be placed on the well pad in an area with additional downgradient perimeter berming. The area where flowback fluids will be stored/reused must be constructed to be sufficiently impervious to contain any spilled or released material (per Rule 604.a.(4)).

Berms or other containment devices shall be constructed in compliance with Rule 604.a.(4) around crude oil, condensate, and produced water storage tanks.

WATER RESOURCE PROTECTION COA:

Location is in a sensitive area because of shallow groundwater; therefore either a lined drilling pit or a closed loop system (which operator has indicated on the Form 2A) must be implemented.

Attachment Check List

Att Doc Num	Name
2033692	CORRESPONDENCE
400146696	FORM 2A SUBMITTED
400146717	LOCATION PICTURES
400146718	LOCATION DRAWING
400146719	HYDROLOGY MAP
400146722	ACCESS ROAD MAP
400146723	REFERENCE AREA MAP
400146725	NRCS MAP UNIT DESC
400146727	CONST. LAYOUT DRAWINGS
400146729	PROPOSED BMPs
400146732	SURFACE AGRMT/SURETY
400146734	OTHER
400146738	SENSITIVE AREA DATA
400147521	MULTI-WELL PLAN

Total Attach: 14 Files

IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
DOW	The BMPs as submitted by the operator are applicable to this (amended) well pad site. Most of the BMPs on the list, for this site, are COGCC rules so they may not need to be reiterated as a BMP. by Michael Warren on Monday, May 9, 2011 at 8:35 A.M.	5/9/2011 8:36:11 AM
OGLA	Initiated/Completed OGLA Form 2A review on 04-05-11 by Dave Kubeczko; requested clarifications and acknowledgement of fluid containment, spill/release BMPs, flowback to tanks, tank berming, lined pit/closed loop, and cuttings low moisture content COAs from operator on 04-05-11; received clarifications and acknowledgement of COAs from operator on 04-05-11; passed by CDOW on 05-09-11 with operator submitted BMPs (with permit application) acceptable; passed OGLA Form 2A review on 05-10-11 by Dave Kubeczko; fluid containment, spill/release BMPs, flowback to tanks, tank berming, lined pit/closed loop, and cuttings low moisture content COAs.	4/5/2011 2:56:15 PM
Permit	Changed right to construct location to mineral lease Added bmp to BMP tab	4/1/2011 4:09:09 PM
Permit	I am returning this form 2A to DRAFT and more importantly requesting that you put those BMP's in the BMP tab. BY Greg Davis is not able to cut and paste this document and as to not cause further consternation I agreed to make this transfer when Ascrobat Pro is available. BY	3/30/2011 6:27:48 AM

Total: 4 comment(s)

BMP

<u>Type</u>	<u>Comment</u>
Material Handling and Spill Prevention	Williams will ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations.
Material Handling and Spill Prevention	Williams will implement best management practices to contain any unintentional release of fluids.
Drilling/Completion Operations	Either a lined drilling pit or closed loop system will be implemented.

Total: 3 comment(s)