

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:

2093627

**Oil and Gas Location Assessment**

☐ New Location ☒ Amend Existing Location Location#: 334397

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:

**334397**

Expiration Date:

**03/01/2013**

☒ 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: GREG.J.DAVIS@WILLIAMS.CO  
M

**4. Location Identification:**

Name: WRIGHT, SMALLWOOD, CASTEEL Number: SG 34-28

County: GARFIELD

QuarterQuarter: SWSE Section: 28 Township: 7S Range: 96W Meridian: 6 Ground Elevation: 5089

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: 1194 feet, from North or South section line: FSL and 1488 feet, from East or West section line: FEL

Latitude: 39.404536 Longitude: -108.110461 PDOP Reading: 2.3 Date of Measurement: 12/20/2007

**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"/>	Wells: <input type="text" value="19"/>	Production Pits: <input type="text"/>	Dehydrator Units: <input type="text"/>
Condensate Tanks: <input type="text" value="5"/>	Water Tanks: <input type="text" value="6"/>	Separators: <input type="text" value="19"/>	Electric Motors: <input type="text"/>	Multi-Well Pits: <input type="text"/>
Gas or Diesel Motors: <input type="text" value="3"/>	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" value="3"/>	Gas Pipeline: <input type="text"/>	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" value="1"/>	

Other: CUTTINGS TRENCH

6. Construction:

Date planned to commence construction: 02/01/2010 Size of disturbed area during construction in acres: 4.04  
Estimated date that interim reclamation will begin: 03/01/2011 Size of location after interim reclamation in acres: 1.36  
Estimated post-construction ground elevation: 5089 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-USED

7. Surface Owner:

Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
Address: \_\_\_\_\_ Fax: \_\_\_\_\_  
Address: \_\_\_\_\_ Email: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ 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 Mgnt. Surety ID: \_\_\_\_\_

9. Cultural:

Is the location in a high density area (Rule 603.b.): Yes ☐ No ☒  
Distance, in feet, to nearest building: 958, public road: 337, above ground utilit: 917  
, railroad: 1680, property line: 37

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: 4 ARVADA LOAM 6 TO 20% SLOPES

NRCS Map Unit Name: 66 TORRIORTHENTS-CAMBOTHIDS-ROCK OUTCROP COMPLEX. STEEP

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: 07/13/2009

List individual species: SAGEBRUSH AND NATIVE GRASSES

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): EXISTING RECLAIMED WELL PAD

### 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: 194, water well: 1092, depth to ground water: 45

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 Supply 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 LOCATON ASSESSMENT IS FOR THE EXPANSION OF THE SG 34-28 WELL PAD. THERE WILL BE A TOTAL OF 19 WELLS ON THE PAD WHEN DRILLED OUT. THERE ARE CURRENTLY 3 EXISTING PRODUCING WELLS. WE ARE PERMITTING AN ADDITIONAL 16 WELLS AT THIS TIME. PAD IS LOCATED ON FEE SURFACE. THE LOCATION REFERENCE POINT FOR THIS FACILITY IS THE SG 34-28 WELL. ALL MEASUREMENTS WERE TAKEN FROM THIS POINT.

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

Signed: \_\_\_\_\_ Date: 12/28/2009 Email: GREG.J.DAVIS@WILLIAMS.COM

Print Name: GREG DAVIS Title: SUPERVISOR PERMITS

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. Nash*

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

Director of COGCC

Date: 3/2/2010

**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 due to close surface water; therefore, either a lined drilling pit or closed loop system must be implemented.

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

Location is in a sensitive area because of close surface water; therefore, operator must ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations.

**Attachment Check List**

Att Doc Num	Name	Doc Description
2032819	CORRESPONDENCE	LF@2280469 2032819
2093627	FORM 2A	LF@2206222 2093627
2093628	LOCATION PICTURES	LF@2205993 2093628
2093629	LOCATION PICTURES	LF@2205994 2093629
2093630	LOCATION PICTURES	LF@2205995 2093630
2093631	LOCATION DRAWING	LF@2206223 2093631
2093632	HYDROLOGY MAP	LF@2205996 2093632
2093633	ACCESS ROAD MAP	LF@2205997 2093633
2093634	REFERENCE AREA MAP	LF@2205998 2093634
2093635	REFERENCE AREA PICTURES	LF@2205999 2093635
2093636	REFERENCE AREA PICTURES	LF@2206000 2093636
2093637	REFERENCE AREA PICTURES	LF@2206001 2093637
2093638	REFERENCE AREA PICTURES	LF@2206002 2093638
2093639	NRCS MAP UNIT DESC	LF@2206224 2093639
2093640	CONST. LAYOUT DRAWINGS	LF@2206225 2093640
2093641	MULTI-WELL PLAN	LF@2206226 2093641
2093642	PROPOSED BMPs	LF@2206227 2093642
2093643	SENSITIVE AREA DATA	LF@2206228 2093643
2093644	SURFACE AGRMT/SURETY	LF@2206229 2093644
2093645	EXCEPTION LOC REQUEST	LF@2206230 2093645
2093646	EXCEPTION LOC WAIVERS	LF@2206231 2093646

Total Attach: 21 Files