

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:

400074065

Oil and Gas Location Assessment

☒ New Location ☐ Amend Existing Location Location#: _____

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:

419111

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: Howard Harris

Phone: (303) 606-4086

Fax: (303) 629-8272

email: howard.harris@williams.com

4. Location Identification:

Name: Locklear Number: SR 43-7

County: GARFIELD

Quarter: NESE Section: 7 Township: 7S Range: 94W Meridian: 6 Ground Elevation: 6893

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: 1722 feet, from North or South section line: FSL and 946 feet, from East or West section line: FEL

Latitude: 39.449663 Longitude: -107.922975 PDOP Reading: 5.9 Date of Measurement: 01/19/2009

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="text"/>	Drilling Pits: <input type="text"/>	Wells: <input type="text" value="14"/>	Production Pits: <input type="text"/>	Dehydrator Units: <input type="text"/>
Condensate Tanks: <input type="text" value="2"/>	Water Tanks: <input type="text" value="2"/>	Separators: <input type="text" value="14"/>	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"/>	Oil Pipeline: <input type="text" value="1"/>	Water Pipeline: <input type="text" value="1"/>	Flare: <input type="text"/>
Gas Compressors: <input type="text"/>	VOC Combustor: <input type="text"/>	Oil Tanks: <input type="text"/>	Fuel Tanks: <input type="text"/>	

Other: Special Purpose Pit = Cuttings Trench

6. Construction:

Date planned to commence construction: 11/01/2010 Size of disturbed area during construction in acres: 7.35
Estimated date that interim reclamation will begin: 05/01/2011 Size of location after interim reclamation in acres: 1.49
Estimated post-construction ground elevation: 6893 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, Evap & Backfill

7. Surface Owner:

Name: _____ Phone: _____
Address: _____ Fax: _____
Address: _____ Email: _____
City: _____ State: _____ Zip: _____ Date of Rule 306 surface owner consultation: 12/16/2008
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: 1431, public road: 3685, above ground utilit: 1391
, railroad: 16614, property line: 336

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 be 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: 69 Vail Silt Loam, 6 to 12 percent slopes

NRCS Map Unit Name: 71 Villa Grove - Zoltay Loams, 15 to 30 percent slopes

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: 09/01/2009

List individual species: Sage, Serviceberry, Chokecherry

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: 1403, water well: 1013, depth to ground water: 55

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 location assessment is for the construction of the new SR 43-7 well pad. There will be a total of 14 wells when drilled out. We are permitting 4 wells at this time. Surface and minerals are owned in fee. The location reference point for this pad is the SR 434-7 well from which all measurements were taken. Williams will employ the following BMP's to support protection of surface and ground water: 1) Williams will ensure 100% secondary containment for fluids contained at well site during drilling and completion operations. 2) Williams will implement best management practices to contain any unintentional release of fluids. 3) A closed loop mud system will be used.

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

Signed: _____ Date: 07/08/2010 Email: Howard.Harris@Williams.co

Print Name: Howard Title: Harris

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. Neslin

COGCC Approved: _____

Director of COGCC

Date: 8/31/2010

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.

Operator must ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations. Operator must implement best management practices to contain any unintentional release of fluids.

Reserve pit (or any other pit constructed to hold fluids) must be lined or a closed loop system (as indicated by Williams on the Form 2A) must be implemented.

Attachment Check List

Att Doc Num	Name	Doc Description
2033265	CORRESPONDENCE	LF @ 2506638 2033265
400074065	FORM 2A SUBMITTED	LF @ 2505025 400074065
400075287	ACCESS ROAD MAP	LF @ 2505026 400075287
400075288	PROPOSED BMPs	LF @ 2505027 400075288
400075289	HYDROLOGY MAP	LF @ 2505028 400075289
400075290	LOCATION DRAWING	LF @ 2505029 400075290
400075291	LOCATION PICTURES	LF @ 2505030 400075291
400075292	MULTI-WELL PLAN	LF @ 2505031 400075292
400075293	NRCS MAP UNIT DESC	LF @ 2505032 400075293
400075294	CONST. LAYOUT DRAWINGS	LF @ 2505033 400075294
400075295	REFERENCE AREA MAP	LF @ 2505034 400075295
400075296	REFERENCE AREA PICTURES	LF @ 2505035 400075296
400075297	SURFACE AGRMT/SURETY	LF @ 2505036 400075297

Total Attach: 13 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Changed right to construct location from SUA to Mineral Lease, Howard Harris has approved this change	8/31/2010 1:16:08 PM
DOW	This well pad is located within the boundary of the Williams-CDOW SOR Wildlife Mitigation Plan. Terms, conditions, and provisions of the agreement are applicable. by Michael Warren on Monday, July 12, 2010 at 11:45 A.M.	8/2/2010 5:15:20 PM
OGLA	Initiated/Completed OGLA Form 2A review on 07-13-10 by Dave Kubeczko; requested clarifications and acknowledgement of fluid containment, spill/release BMPs, lined pits/closed loop COAs from operator on 07-13-10; received clarifications and acknowledgement of COAs from operator on 07-13-10; passed by CDOW on 07-12-10, with operator submitted (with permit application) BMPs acceptable; passed OGLA Form 2A review on 08-02-10 by Dave Kubeczko; fluid containment, spill/release BMPs, lined pits/closed loop COAs.	8/2/2010 5:13:52 PM

Total: 3 comment(s)

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