

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:

1712788

Oil and Gas Location Assessment

☐ New Location ☒ Amend Existing Location Location#: 334654

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:

334654

Expiration Date:

10/30/2012

☐ 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: SAVAGE Number: PA 34-4

County: GARFIELD

QuarterQuarter: SWSE Section: 4 Township: 7S Range: 95W Meridian: 6 Ground Elevation: 5756

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: 110 feet, from North or South section line: FSL and 2029 feet, from East or West section line: FEL

Latitude: 39.459638 Longitude: -108.000640 PDOP Reading: 2.5 Date of Measurement: 09/05/2007

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="13"/>	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="13"/>	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" 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" value="1"/>	

Other: CUTTINGS TRENCH

6. Construction:

Date planned to commence construction: 05/01/2010 Size of disturbed area during construction in acres: 2.75
Estimated date that interim reclamation will begin: 06/01/2011 Size of location after interim reclamation in acres: 0.15
Estimated post-construction ground elevation: 5756 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: 08/20/2007
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 executor 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: 1773, public road: 1401, above ground utilit: 1388
_____, railroad: 5637, property line: 762

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: 33 ILDEFONSO STONEY LOAM, 6 TO 25 PERCENT 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: 07/13/2009

List individual species: SAGEBRUSH, WHEATGRASS, BUFFALOGRASS, FESCUE, RYE

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: 675, water well: 1519, depth to ground water: 180

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 EXPANSION OF THE PA 34-4 WELL PAD. THERE WILL BE A TOTAL OF 13 WELLS ON THE PAD WHEN DRILLED OUT. THERE ARE CURRENTLY 4 EXISTING PRODUCING WELLS. WE ARE PERMITTING AN ADDITIONAL 9 WELLS AT THIS TIME. SURFACE IS OWNED IN FEE. MINERALS ARE BOTH FEE AND FEDERAL. THERE WILL BE 3 WELLS WITH FEDERAL MINERALS DRILLED FROM THE PAD. THE LOCATION REFERENCE POINT FOR THIS FACILITY IS THE PA 534-4 WELL. ALL MEASUREMENTS WERE TAKEN FROM THIS POINT. THE LOCATION IS LOCATED WITHIN A RULE 317B SURFACE WATER SUPPLY AREA EXTERNAL BUFFER (501'-2640 FT. ZONE). ALL PUBLIC WATER SUPPLY SYSTEMS HAVE BEEN NOTIFIED. CHANGES OK PER THE H. HARRIS' EMAIL 09/21/2009.

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

Signed: _____ Date: 09/21/2009 Email: HOWARD.HARRIS@WILLIAMS.COM

Print Name: HOWARD HARRIS Title: REGULATORY

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved.

David G. Neslin

COGCC Approved: _____

Director of COGCC

Date: 10/31/2009

Attachment Check List

Att Doc Num	Name	Doc Description
1637000	CORRESPONDENCE	LF @2147400 1637000
1712788	FORM 2A	LF @2147390 1712788
1712789	LOCATION PICTURES	LF @2147580 1712789
1712790	LOCATION PICTURES	LF @2147582 1712790
1712791	LOCATION PICTURES	LF @2147584 1712791
1712792	LOCATION DRAWING	LF @2147391 1712792
1712793	HYDROLOGY MAP	LF @2147586 1712793
1712794	ACCESS ROAD MAP	LF @2147392 1712794
1712795	REFERENCE AREA MAP	LF @2147393 1712795
1712796	REFERENCE AREA PICTURES	LF @2147588 1712796
1712797	REFERENCE AREA PICTURES	LF @2147590 1712797
1712798	REFERENCE AREA PICTURES	LF @2147592 1712798
1712799	REFERENCE AREA PICTURES	LF @2147594 1712799
1712800	NRCS MAP UNIT DESC	LF @2147394 1712800
1712801	CONST. LAYOUT DRAWINGS	LF @2147395 1712801
1712802	MULTI-WELL PLAN	LF @2147396 1712802
1712803	PROPOSED BMPs	LF @2147397 1712803
1712804	317B NOTIFICATION	LF @2147398 1712804
1712805	SURFACE AGRMT/SURETY	LF @2147399 1712805
1712986	REFERENCE AREA MAP	LF @2155608 1712986
1712987	HYDROLOGY MAP	LF @2155607 1712987
1814248	EARTHEN PIT REPORT/PERMIT (Form 15)	LF @2160021 1814248
2097586	ACCESS ROAD MAP	LF @2160023 2097586
2097587	CONST. LAYOUT DRAWINGS	LF @2160025 2097587
2097588	SENSITIVE AREA DATA	LF @2160027 2097588

Total Attach: 25 Files