

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:

2079216

**Oil and Gas Location Assessment**

☐ New Location ☒ Amend Existing Location Location#: 334723

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:

**334723**

Expiration Date:

**01/18/2013**

☒ 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: HOWARD HARRIS

Phone: (303) 606-4086

Fax: (303) 629-8272

email: HOWARD.HARRIS@WILLIAMS.COM

**4. Location Identification:**

Name: DIAMOND ELK Number: PA 41-12

County: GARFIELD

QuarterQuarter: NWNE Section: 12 Township: 7S Range: 95W Meridian: 6 Ground Elevation: 6289

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: 411 feet, from North or South section line: FNL and 1930 feet, from East or West section line: FEL

Latitude: 39.458651 Longitude: -107.944347 PDOP Reading: 2.2 Date of Measurement: 12/09/2005

**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="17"/>	Production Pits: <input type="checkbox"/>	Dehydrator Units: <input type="checkbox"/>
Condensate Tanks: <input type="checkbox"/>	Water Tanks: <input type="text" value="1"/>	Separators: <input type="text" value="17"/>	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="text" value="1"/>	Water Pipeline: <input type="text" value="1"/>	Flare: <input type="checkbox"/>
Gas Compressors: <input type="checkbox"/>	VOC Combustor: <input type="checkbox"/>	Oil Tanks: <input type="checkbox"/>	Fuel Tanks: <input type="checkbox"/>	

Other: CUTTINGS TRENCH

6. Construction:

Date planned to commence construction: 05/01/2010 Size of disturbed area during construction in acres: 7.10  
Estimated date that interim reclamation will begin: 06/01/2011 Size of location after interim reclamation in acres: 1.36  
Estimated post-construction ground elevation: 6289 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: DIAMON ELK Phone: 970-285-9377  
Address: 1058 COUNTY RD. 215 Fax: \_\_\_\_\_  
Address: \_\_\_\_\_ Email: \_\_\_\_\_  
City: PARACHUTE State: CO Zip: 81635 Date of Rule 306 surface owner consultation: 05/07/2007  
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 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: 1199, public road: 622, above ground utilit: 331  
, railroad: 10449, property line: 606

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): RECLAIMED WELL PAD  
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: 44 MORVAL LOAM, 3 TO 12 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: 07/08/2009

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: 547, water well: 1464, depth to ground water: 85

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:

THE LOCATION ASSESSMENT IS FOR THE CONSTRUCTION OF THE PA 41-12 WELL PAD. THERE WILL BE A TOTAL OF 17 WELLS ON THE PAD WHEN DRILLED OUT. THERE ARE CURRENTLY 2 EXISTING PRODUCING WELLS. WE ARE PERMITTING AN ADDITIONL 15 WELLS AT THIS TIME. // SURFACE IS OWNED IN FEE. MINERALS ARE BOTH FEE & FEDERAL. THERE WILL BE 5 WELLS W/FEDERAL MINERALS DRILLED FROM PAD. // THE LOCATION REFERENCE POINT FOR THIS FACILITY IS THE EXISTING PA 42-12 WELL. ALL MEASUREMENTS WERE TAKEN FROM THIS POINT. // THE SURFACE FOR THIS PAD IS OWNED BY DIAMOND ELK WHICH IS OWNED BY WILLIAMS PROD. RMT CO.

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

Signed: \_\_\_\_\_ Date: 11/30/2009 Email: HOWARD.HARRIS@WILLIAMS.COM

Print Name: HOWARD HARRIS Title: SR REG SPECIALIST

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: 1/19/2010

### **Attachment Check List**

Att Doc Num	Name	Doc Description
2079196	LOCATION PICTURES	LF @2181990 2079196
2079197	LOCATION DRAWING	LF @2182050 2079197
2079198	HYDROLOGY MAP	LF @2182051 2079198
2079199	ACCESS ROAD MAP	LF @2182052 2079199
2079200	REFERENCE AREA MAP	LF @2182053 2079200
2079201	REFERENCE AREA PICTURES	LF @2181994 2079201
2079202	NRCS MAP UNIT DESC	LF @2182054 2079202
2079203	CONST. LAYOUT DRAWINGS	LF @2182055 2079203
2079205	MULTI-WELL PLAN	LF @2182056 2079205
2079206	PROPOSED BMPs	LF @2182057 2079206
2079207	SURFACE AGRMT/SURETY	LF @2182058 2079207
2079211	LOCATION PICTURES	LF @2181992 2079211
2079212	LOCATION PICTURES	LF @2181988 2079212
2079213	REFERENCE AREA PICTURES	LF @2182001 2079213
2079214	REFERENCE AREA PICTURES	LF @2181998 2079214
2079215	REFERENCE AREA PICTURES	LF @2181996 2079215
2079216	FORM 2A	LF @2182049 2079216

Total Attach: 17 Files