

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:

2093524

Oil and Gas Location Assessment

☐ New Location
 ☒ Amend Existing Location
 Location#: 324417

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:

324417

Expiration Date:

03/13/2013
☐ 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: JENNIFER HEAD
 Phone: (303) 606-4342
 Fax: (303) 629-8268
 email: JENNIFER.HEAD@WILLIAMS.COM

4. Location Identification:

Name: CHEVRON TR 44-27-597 PAD Number: _____
 County: GARFIELD
 QuarterQuarter: SESE Section: 27 Township: 5S Range: 97W Meridian: 6 Ground Elevation: 8451

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: 182 feet, from North or South section line: FSL and 272 feet, from East or West section line: FEL
 Latitude: 39.577918 Longitude: -108.255869 PDOP Reading: 2.4 Date of Measurement: 09/25/2008

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" value="2"/>	Wells: <input type="text" value="21"/>	Production Pits: <input type="text"/>	Dehydrator Units: <input type="text"/>
Condensate Tanks: <input type="text" value="2"/>	Water Tanks: <input type="text" value="6"/>	Separators: <input type="text" value="5"/>	Electric Motors: <input type="text"/>	Multi-Well Pits: <input type="text" value="1"/>
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" value="1"/>	Oil Pipeline: <input type="text"/>	Water Pipeline: <input type="text" value="2"/>	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: 21 CHEMICAL INJECTION PUMPS, 1 TANK CORROSION/SCALE INHIBITOR, 2 METHANOL TANKS, 2 METHANOL PUMPS

6. Construction:

Date planned to commence construction: 04/01/2010 Size of disturbed area during construction in acres: 10.80
Estimated date that interim reclamation will begin: 05/01/2012 Size of location after interim reclamation in acres: 3.10
Estimated post-construction ground elevation: 8451 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: EVAPORATION &
BACKFILLING

7. Surface Owner:

Name: DONJUAN BROWN CHEVRON Phone: 713/372-2187
USA
Address: 1400 SMITH ST., RM. 42129 Fax: 866/420-0335
Address: _____ Email: DONJUANBROWN@CHEVRON.COM
City: HOUSTON State: TX Zip: 77002 Date of Rule 306 surface owner consultation: 10/07/2008
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: 18858, public road: 23443, above ground utilit: 70752
, railroad: 73920, property line: 5597

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: 52-NORTHWATER-ADEL COMPLEX

NRCS Map Unit Name: 55-PARACHUTE-IRIGUL COMPLEX

NRCS Map Unit Name: 56-PARACHUTE-IRIGUL-RHONE ASSOCIATION

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: 08/26/2009

List individual species: NO NOXIOUS WEEDS PRESENT BASED ON 08/26/2009 FIELD OBSERVATION.

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): ABOVE INFORMATION REPRESENTS THE REFERENCE AREA GIVEN THE TR 44-27-597 IS AN EXISTING LOCATION.

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: 1388, water well: 7973, depth to ground water: 150

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:

SEE ATTACHMENT FOR FURTHER COMMENTS ON THE CHEVRON TR 44-27-597 2A APPLICATION. FORM 15 FOR MULTI-WELL PITS SUBMITTED TO CHRIS CANFIELD.

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

Signed: _____ Date: 12/22/2009 Email: JENNIFER.HEAD@WILLIAMS.COM

Print Name: JENNIFER HEAD 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.

COGCC Approved: _____

Director of COGCC

Date: 3/14/2010

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.

Reserve pit must be lined.

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.

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

No portion of any pit that will be used to hold liquids shall be constructed on fill material, unless the pit and fill slope are designed and certified by a professional engineer, subject to review and approval by the director prior to construction of the pit. The construction and lining of the pit shall be supervised by a professional engineer or their agent. The entire base of the pit must be in cut.

Attachment Check List

Att Doc Num	Name	Doc Description
2032793	CORRESPONDENCE	LF@2221011 2032793
2032795	CORRESPONDENCE	LF@2221012 2032795
2032817	CORRESPONDENCE	LF@2265874 2032817
2093524	FORM 2A	LF@2204749 2093524
2093525	OTHER	LF@2204750 2093525
2093526	LOCATION PICTURES	LF@2204777 2093526
2093527	LOCATION DRAWING	LF@2204751 2093527
2093528	HYDROLOGY MAP	LF@2204778 2093528
2093529	ACCESS ROAD MAP	LF@2204779 2093529
2093530	REFERENCE AREA MAP	LF@2204780 2093530
2093531	REFERENCE AREA PICTURES	LF@2204781 2093531
2093532	NRCS MAP UNIT DESC	LF@2204752 2093532
2093533	CONST. LAYOUT DRAWINGS	LF@2204753 2093533
2093534	MULTI-WELL PLAN	LF@2204754 2093534
2093535	PROPOSED BMPs	LF@2204756 2093535

Total Attach: 15 Files