

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:

1698505

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:

418359

Expiration Date:

07/20/2013

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: 16700
 Name: CHEVRON U S A INC
 Address: 6001 BOLLINGER CANYON RD
 City: SAN RAMON State: CA Zip: 94583

3. Contact Information

Name: DIANE L. PETERSON
 Phone: (970) 675-3842
 Fax: (970) 675-3800
 email: DLPE@CHEVRON.COM

4. Location Identification:

Name: UNION PACIFIC Number: 48-29
 County: RIO BLANCO
 Quarter: NWNE Section: 29 Township: 2N Range: 102W Meridian: 6 Ground Elevation: 5279
 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: 637 feet, from North or South section line: FNL and 1979 feet, from East or West section line: FEL
 Latitude: 40.119564 Longitude: -108.864861 PDOP Reading: 1.5 Date of Measurement: 02/08/2008
 Instrument Operator's Name: JOHN FLOYD WITH UELS

5. Facilities (Indicate the number of each type of oil and gas facility planned on location):

Special Purpose Pits: Drilling Pits: Wells: 1 Production Pits: Dehydrator Units:
 Condensate Tanks: Water Tanks: Separators: Electric Motors: Multi-Well Pits:
 Gas or Diesel Motors: Cavity Pumps: LACT Unit: Pump Jacks: Pigging Station:
 Electric Generators: Gas Pipeline: Oil Pipeline: 1 Water Pipeline: Flare:
 Gas Compressors: VOC Combustor: Oil Tanks: Fuel Tanks:

Other: _____

6. Construction:

Date planned to commence construction: 08/01/2010 Size of disturbed area during construction in acres: 0.59
 Estimated date that interim reclamation will begin: 09/15/2010 Size of location after interim reclamation in acres: 0.59
 Estimated post-construction ground elevation: 5276 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: _____

7. Surface Owner:

Name: _____ Phone: _____
 Address: _____ Fax: _____
 Address: _____ Email: _____
 City: _____ State: _____ Zip: _____ Date of Rule 306 surface owner consultation: 11/23/2009
 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: 19810003 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: 3154, public road: 976, above ground utilit: 2813
 , railroad: 302016, property line: 3300

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: LOCATION IS #16 CHIPETA SILTY CLAY LOAM, 3 TO 25 PERCENT SLOPES

NRCS Map Unit Name: 125' NORTH IS #21CLIFFDOWN-CLIFFDOWN VARIANT COMPLEX, 5 TO 65 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: 11/01/2009

List individual species: _____

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: 478, water well: 8923, depth to ground water: 4020

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:

UNION PACIFIC 48-29 IS A RE-ENTRY OF AN EXISTING WELLBORE. SCADA OVERHEAD CABLE IS A CHEVRON OWNED LINE- IT WILL BE REMOVED FROM LOCATION BEFORE WELL PAD CONSTRUCTION BEGINS. UNION PACIFIC 48-29 IS 3 MILES FROM THE WHITE RIVER, 2360' FROM DRY CREEK BED. THERE IS NO GROUND WATER AQUIFER IN THIS AREA - GROUND WATER IS ONLY DIRECTLY ALONG THE RIVER BASIN.

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

Signed: _____ Date: 11/23/2009 Email: DLPE@CHEVRON.COM

Print Name: DIANE L. PETERSON 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:

David S. Nashin

Director of COGCC

Date: 7/21/2010

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

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.

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

Reserve pit must be lined or closed loop system must be implemented during drilling. Any other pit constructed (frac pit) must be lined.

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
1698505	FORM 2A	LF@2479065 1698505
1698506	LOCATION PICTURES	LF@2479137 1698506
1698507	LOCATION PICTURES	LF@2479138 1698507
1698508	ACCESS ROAD MAP	LF@2479139 1698508
1698509	REFERENCE AREA MAP	LF@2479140 1698509
1698510	REFERENCE AREA PICTURES	LF@2479141 1698510
1698511	REFERENCE AREA PICTURES	LF@2479142 1698511
1698512	NRCS MAP UNIT DESC	LF@2479066 1698512
1698513	CONST. LAYOUT DRAWINGS	LF@2479068 1698513
1698514	PROPOSED BMPs	LF@2479368 1698514
1698515	30 DAY NOTICE LETTER	LF@2479069 1698515
1698516	LOCATION DRAWING	LF@2479070 1698516
1698517	HYDROLOGY MAP	LF@2479143 1698517
1791654	H2S CONTINGENCY PLAN	LF@2508847 1791654
2033193	CORRESPONDENCE	LF@2489138 2033193
2033194	CONST. LAYOUT DRAWINGS	LF@2489139 2033194
2553680	HYDROLOGY MAP	LF@2479144 2553680

Total Attach: 17 Files