

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:
2583093

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:
418811
Expiration Date:
08/17/2013

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: 10110
Name: GREAT WESTERN OIL & GAS COMPANY LLC
Address: 503 MAIN ST
City: WINDSOR State: CO Zip: 80550

3. Contact Information

Name: JEFF REALE
Phone: (970) 686-8831
Fax: (866) 413-3354
email: JREALE@GWOGCO.COM

4. Location Identification:

Name: WB FARMS Number: 20-21
County: WELD
Quarter: NENW Section: 20 Township: 7N Range: 66W Meridian: 6 Ground Elevation: 4963
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: 627 feet, from North or South section line: FNL and 1785 feet, from East or West section line: FWL
Latitude: 40.565890 Longitude: -104.805340 PDOP Reading: 2.0 Date of Measurement: 05/05/2010
Instrument Operator's Name: E. HERNANDEZ

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="1"/>	Production Pits: <input type="checkbox"/>	Dehydrator Units: <input type="checkbox"/>
Condensate Tanks: <input type="checkbox"/>	Water Tanks: <input type="checkbox"/>	Separators: <input type="checkbox"/>	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="checkbox"/>	Oil Pipeline: <input type="checkbox"/>	Water Pipeline: <input type="checkbox"/>	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: REFERENCE FORM 2A-HILL/WB FARMS BATTERY FOR THE TANK BATTERY FACILITY DETAILS.

6. Construction:

Date planned to commence construction: 10/01/2010 Size of disturbed area during construction in acres: 2.50
Estimated date that interim reclamation will begin: 11/01/2010 Size of location after interim reclamation in acres: 0.50
Estimated post-construction ground elevation: 4963 Will a closed loop system be used for drilling fluids: Yes [X]
Will salt sections be encountered during drilling: Yes [] No [X] Is H2S anticipated? Yes [] No [X]
Will salt (>15,000 ppm TDS Cl) or oil based muds be used: Yes [] No [X]
Mud disposal: Offsite [X] Onsite [] Method: Land Farming [] Land Spreading [X] Disposal Facility []
Other: _____

7. Surface Owner:

Name: _____ Phone: _____
Address: _____ Fax: _____
Address: _____ Email: _____
City: _____ State: _____ Zip: _____ Date of Rule 306 surface owner consultation: 05/05/2010
Surface Owner: [X] Fee [] State [] Federal [] Indian []
Mineral Owner: [X] Fee [] State [] Federal [] Indian []
The surface owner is: [X] the mineral owner [X] committed to an oil and gas lease
[X] is the executer of the oil and gas lease [] the applicant
The right to construct the location is granted by: [] oil and gas lease [X] 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:

[X] Well Surety ID: 20090080 [] Gas Facility Surety ID: _____ [] Waste Mgnt. Surety ID: _____

9. Cultural:

Is the location in a high density area (Rule 603.b.): Yes [] No [X]
Distance, in feet, to nearest building: 255 , public road: 627 , above ground utilit: 378
, railroad: 21122 , property line: 87

10. Current Land Use (Check all that apply):

Crop Land: [X] 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: [X] 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: 33. KIM LOAM. 3 TO 5 PERCENT SLOPES

NRCS Map Unit Name: 4- AQUOLLS AND AQUEPTS. FLOODED

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: _____

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: 136, water well: 2981, depth to ground water: 51

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:

14. WATER RESOURCES: THE NEAREST WATER WELL REFERENCE PERMIT #266114. NEAREST SURFACE WATER IS A SMALL SEASONAL STREAM LOCATED 136' NE OF WELL AND DRAINING TO A SWAMPY AREA TO THE SOUTHEAST, DUE TO RECENT HEAVY RAINFALL. SUA IS ATTACHED FOR REFERFENCE ALONG WITH LOCATION EXCEPTION WATER. Great Western Oil & Gas Company LLC requests approval of a Rule 603.a.(2) exception location: Wellhead is to be located less than 150' from a property line.

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

Signed: _____ Date: 07/12/2010 Email: JREALE@GWOGCO.COM

Print Name: JEFF REALE Title: VP OPERATIONS

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: 8/18/2010

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.

Location is in a sensitive area because of shallow groundwater; therefore, either a lined drilling pit or closed loop system is required.

Attachment Check List

Att Doc Num	Name	Doc Description
2085622	CORRESPONDENCE	LF@2520957 2085622
2085623	NRCS MAP UNIT DESC	LF@2520958 2085623
2583093	FORM 2A	LF@2508948 2583093
2583094	LOCATION PICTURES	LF@2508953 2583094
2583095	LOCATION PICTURES	LF@2508954 2583095
2583096	LOCATION PICTURES	LF@2508955 2583096
2583097	REFERENCE AREA MAP	LF@2508956 2583097
2583098	HYDROLOGY MAP	LF@2508957 2583098
2583099	ACCESS ROAD MAP	LF@2508958 2583099
2583100	REFERENCE AREA MAP	LF@2508959 2583100
2583101	NRCS MAP UNIT DESC	LF@2508949 2583101
2583102	EXCEPTION LOC REQUEST	LF@2508950 2583102
2583103	EXCEPTION LOC WAIVERS	LF@2508951 2583103
2583104	SURFACE AGRMT/SURETY	LF@2508952 2583104

Total Attach: 14 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
OGLA	Operator must implement best management practices to contain any unintentional release of fluids.	8/11/2010 5:06:11 PM
OGLA	Added NRCS soil type, added shallow GW and BMP COA.	8/11/2010 9:38:07 AM

Total: 2 comment(s)

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