

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:

400096371

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:

420168

Expiration Date:

10/30/2013
☒ 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: 96155

Name: WHITING OIL AND GAS CORPORATION

Address: 1700 BROADWAY STE 2300

City: DENVER State: CO Zip: 80290

3. Contact Information

Name: Larry Brown

Phone: (307) 237-9310

Fax: ()

email: ld_brown@bresnan.net

4. Location Identification:

Name: Chalk Bluffs Number: 36-13H

County: WELD

Quarter: NWSW Section: 36 Township: 10N Range: 60W Meridian: 6 Ground Elevation: 5224

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: 1780 feet, from North or South section line: FSL and 660 feet, from East or West section line: FWL

Latitude: 40.791140 Longitude: -104.046580 PDOP Reading: 2.3 Date of Measurement: 09/13/2010

Instrument Operator's Name: Darren Veal

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="1"/>	Production Pits: <input type="text"/>	Dehydrator Units: <input type="text"/>
Condensate Tanks: <input type="text"/>	Water Tanks: <input type="text" value="1"/>	Separators: <input type="text" value="1"/>	Electric Motors: <input type="text"/>	Multi-Well Pits: <input type="text"/>
Gas or Diesel Motors: <input type="text"/>	Cavity Pumps: <input type="text"/>	LACT Unit: <input type="text"/>	Pump Jacks: <input type="text" value="1"/>	Pigging Station: <input type="text"/>
Electric Generators: <input type="text"/>	Gas Pipeline: <input type="text"/>	Oil Pipeline: <input type="text"/>	Water Pipeline: <input type="text"/>	Flare: <input type="text"/>
Gas Compressors: <input type="text"/>	VOC Combustor: <input type="text"/>	Oil Tanks: <input type="text" value="3"/>	Fuel Tanks: <input type="text"/>	

Other: 1 Meter Shack

6. Construction:

Date planned to commence construction: 11/04/2010 Size of disturbed area during construction in acres: 4.00
Estimated date that interim reclamation will begin: 05/01/2011 Size of location after interim reclamation in acres: 2.00
Estimated post-construction ground elevation: 5222 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: 09/10/2010
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: 20030110 ☐ 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: 5280, public road: 3041, above ground utilit: 5280
, railroad: 5280, property line: 660

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: 4 - Ascalon Fine Sandy Loam

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: 09/10/2010

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: 2400, water well: 2797, depth to ground water: 40

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:

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

Signed: _____ Date: 09/30/2010 Email: ld_brown@bresnan.net

Print Name: Larry D. Brown Title: Agent

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: 10/31/2010

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.

Site-specific best management practices must be implemented to prevent sediment runoff from the access road or pad from entering the surrounding undisturbed rangeland.

All disturbed surfaces must be stabilized immediately after the location has been constructed to prevent erosion and the introduction of noxious weeds.

Provide notice to COGCC 48 hours prior to the commencement of construction activities.

Attachment Check List

Att Doc Num	Name	Doc Description
2613309	CORRESPONDENCE	LF@2604005 2613309
400096371	FORM 2A SUBMITTED	LF@2597314 400096371
400096382	PROPOSED BMPs	LF@2597315 400096382
400096383	NRCS MAP UNIT DESC	LF@2597316 400096383
400096384	WELL LOCATION PLAT	LF@2597317 400096384
400096393	HYDROLOGY MAP	LF@2597318 400096393
400096398	ACCESS ROAD MAP	LF@2597319 400096398
400096399	LOCATION PICTURES	LF@2597320 400096399
400097097	LOCATION DRAWING	LF@2597321 400097097

Total Attach: 9 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
OGLA	Obtained operator concurrence on revision to Form 2A and addition of COAs. Ready to Pass 10/26/2010.	10/19/2010 8:22:53 AM
OGLA	There are no visible improvements within 400 feet of the proposed location. The reference area is on undisturbed ground and is immediately adjacent to and west of the location. The west facing location photograph is the reference area photograph. Changed the distance to nearest surface water to 2400 feet. Changed the depth to water to 40 feet based on water well permits 156418 and 37119 as well as springs within 1 mile of the location.	10/19/2010 8:18:59 AM
OGLA	Changed date of interim reclamation to 5/1/2011. Interim reclamation includes restoration of the location to the extent practicable, including removing waste and debris, removing equipment not necessary for production, and stabilization of disturbed areas to minimize erosion. The disturbed areas not needed for production will be revegetated in the first favorable season following rig demobilization per rule 1003.e(2). Weed control should continue throughout drilling, production and reclamation per rule 1003.e.(f).	10/19/2010 8:18:08 AM
Permit	Surface Restoration Bond on file with SLB; per Tim Kelly	10/14/2010 3:46:44 PM
Permit	On Hold State Land board is having a few issues with Whiting. Please hold their permit for several days.	10/12/2010 2:27:58 PM
Public	E-mailed Tim Kelly at SLB for verification of Surface Restoration bond.	10/6/2010 12:54:38 PM
Permit	Opr corrected attachment problem	10/5/2010 8:55:52 AM
Permit	DRAFT/HOLD: CORRUPT location drawing	10/1/2010 2:27:18 PM

Total: 8 comment(s)

Error: Subreport could not be shown.