

FORM
2A

Rev
04/01

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400376498

Date Received:

02/19/2013

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 standalone 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:

Expiration Date:

☒ 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: 10392

Name: TEKTON WINDSOR LLC

Address: 640 PLAZA DRIVE #290

City: HIGHLANDS RANCH State: CO Zip: 80129

3. Contact Information

Name: CLAYTON DOKE

Phone: (970) 669-7411

Fax: (970) 669-4077

email: cdoke@petersonenergy.com

4. Location Identification:

Name: KODAK Number: PAD

County: WELD

QuarterQuarter: NWNW Section: 27 Township: 6N Range: 67W Meridian: 6 Ground Elevation: 4770

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: 1197 feet FNL, from North or South section line, and 1043 feet FWL, from East or West section line.

Latitude: 40.461880 Longitude: -104.885380 PDOP Reading: 1.6 Date of Measurement: 12/04/2012

Instrument Operator's Name: ADAM KELLY

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: 16	Production Pits: <input type="text"/>	Dehydrator Units: <input type="text"/>
Condensate Tanks: <input type="text"/>	Water Tanks: <input type="text"/>	Separators: 16	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"/>	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"/>	Fuel Tanks: <input type="text"/>	

Other: Oil and water flowlines to battery location ~1,700' S-SE of location. This production facility has been submitted under Doc #: 400380183

6. Construction:

Date planned to commence construction: 04/01/2013 Size of disturbed area during construction in acres: 6.00
Estimated date that interim reclamation will begin: 10/01/2013 Size of location after interim reclamation in acres: 4.00
Estimated post-construction ground elevation: 4770 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: BROE LAND ACQUISITIONS II Phone: _____
Address: 252 CLAYTON ST Fax: _____
Address: 4TH FLOOR Email: _____
City: DENVER State: CO Zip: 80206 Date of Rule 306 surface owner consultation: 12/21/2012
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: 20110188 ☐ 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: 1300, public road: 1023, above ground utilit: 997
, railroad: 1111, property line: 1

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: Olney fine sandy loam, 1 to 3 percent slopes: 47

NRCS Map Unit Name: Ascalon loam, 0 to 1 percent slopes: 9

NRCS Map Unit Name: Olney fine sandy loam, 0 to 1 percent slopes: 46

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 (Bluestem, 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: 274, water well: 700, depth to ground water: 3

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:

Static water level was determined from water well permit #: 8767-R- located (NWNW) Sect. 27 6N 67W, approximately 700' from location. This well pumped at an unknown rate with a static water level of 8'. There is no elevation listed for this well, but topographic maps show it as approximately 5' above location. Correcting for this difference results in an estimate of 3' to groundwater at location. Location is listed in a "sensitive area" due to proximity to groundwater and surface waters. Operator requests a rule 318A(l).a and 318A(l).c exception location; this well surface location is outside the GWA drilling windows and is greater than 50' from an existing well. Operator also requests a Rule 603.a.(2) exception location; this well is located less than 150' from the property line. The offsetting affected surface owner is the same as the surface owner for this location. Surface Owner has waived the applicable setback provisions [603.a.(2), 318A(l).a and 318A(l).c] in §2 ¶11 of the attached SUA, which states, "...OWNER hereby waives its right to object to the location of any of the OPERATOR'S facilities on the basis of setback requirements in the rules and regulations of the COGCC." The SUA continues, "OPERATOR or its successors and assigns may cite the waiver in this paragraph in order to obtain a location exception or variance under COGCC rules or from any other state or local governmental body having jurisdiction." All emphasis is in the original. Exception location requests are attached. Wells at this site are still in the planning stage and will be submitted as soon as the specifics are resolved.

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

Signed: _____ Date: 02/19/2013 Email: cdoke@petersonenergy.com
Print Name: CLAYTON DOKE Title: SENIOR ENGINEER

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: _____

**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.

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Attachment Check List

Att Doc Num	Name
400376498	FORM 2A SUBMITTED
400378079	ACCESS ROAD MAP
400378080	HYDROLOGY MAP
400378081	LOCATION DRAWING
400378083	LOCATION PICTURES
400382524	SURFACE AGRMT/SURETY
400382526	LOCATION DRAWING
400382546	NRCS MAP UNIT DESC
400382572	EXCEPTION LOC REQUEST
400382573	EXCEPTION LOC REQUEST
400383210	WASTE MANAGEMENT PLAN

Total Attach: 11 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)

BMP

<u>Type</u>	<u>Comment</u>
Planning	Tekton has started the process of acquiring a Conditional Use Grant (CUG) with the Town of Windsor for this site and its associated tank battery, and agrees to comply with the associated conditions of approval.
Material Handling and Spill Prevention	Tekton has existing agreements pertaining to the acquisition of water for drilling and completion purposes. These sources are offsite, and the water must be trucked onsite. Tekton will attempt mitigate truck traffic for this propose by splitting the traffic access points where possible. 500 bbl Frac tanks will be used to store this water on site for these purposes. The number of these tanks is contingent upon the specific design of the process for which they are used.

Total: 2 comment(s)