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

DE	ET	OE	ES

Document Number: 400227045

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: **427157**

Expiration Date: **12/28/2014**

☒ 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: RANCHO WATER VALLEY PAD Number: 41-4

County: WELD

QuarterQuarter: NENE Section: 4 Township: 5N Range: 67W Meridian: 6 Ground Elevation: 474

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: 220 feet FNL , from North or South section line, and 208 feet FEL , from East or West section line.

Latitude: 40.435490 Longitude: -104.887880 PDOP Reading: 2.9 Date of Measurement: 11/16/2011

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:		Drilling Pits:	1	Wells:	11	Production Pits:		Dehydrator Units:	
Condensate Tanks:	10	Water Tanks:	5	Separators:	5	Electric Motors:		Multi-Well Pits:	
Gas or Diesel Motors:		Cavity Pumps:		LACT Unit:		Pump Jacks:	11	Pigging Station:	
Electric Generators:		Gas Pipeline:		Oil Pipeline		Water Pipeline:		Flare:	
Gas Compressors:				VOC Combustor:	5	Oil Tanks:		Fuel Tanks:	

Other: _____

6. Construction:

Date planned to commence construction: 01/01/2012 Size of disturbed area during construction in acres: 1.50

Estimated date that interim reclamation will begin: 09/01/2012 Size of location after interim reclamation in acres: 0.50

Estimated post-construction ground elevation: 4774 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: 11/28/2011

Surface Owner: [X] Fee [ ] State [ ] Federal [ ] Indian

Mineral Owner: [X] 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 [X] Blanket Surety ID 20110189

8. Reclamation Financial Assurance:

[X] Well Surety ID: 20110188 [ ] 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: 231 , public road: 515 , above ground utilit: 388

, railroad: 600 , property line: 208

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

Crop Land: [ ] Irrigated [ ] Dry land [ ] Improved Pasture [ ] Hay Meadow [ ] CRP

Non-Crop Land: [X] 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: [X] 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: TASSEL FINE SANDY LOAM, 5 TO 20 PERCENT SLOPES

NRCS Map Unit Name: KIM LOAM, 1 TO 3 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:

List individual species: Western wheatgrass, Needleandthread, Sideoats grama, Little bluestem, Threadleaf sedge, and other perennial grasses.

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: 216 , water well: 309 , depth to ground water: 23

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:

Static water level determined from permit #: 82024- -, in the SE SE of Section 33 T6N R67W, approximately 309' N-NW of the location. This is the closest water well to location and has a reported depth to GW of 23' with no elevation reported- thus no changes have been made due to elevation differences. Location is listed as a sensitive area due to its proximity to surface and ground water. Operator requests a Rule 318A.a and 318A.c exception location; waiver and request are attached. Reference area is immediately adjacent to location to the south, location pictures are therefore reference area pictures. Three wells are currently being permitted on this site, as listed under "Related Forms", the remaining wells will be permitted once legal matters have been worked out.

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

Signed: Date: 12/01/2011 Email: cdoke@petersonenergy.com

Print Name: CLAYTON DOKE Title: PETROLEUM 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: David S. Neslin **Director of COGCC** Date: 12/29/2011

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.

Attachment Check List

Att Doc Num	Name
400227045	FORM 2A SUBMITTED
400227103	ACCESS ROAD MAP
400227106	LOCATION DRAWING
400227107	HYDROLOGY MAP
400227108	LOCATION PICTURES
400227109	REFERENCE AREA PICTURES
400227152	EXCEPTION LOC WAIVERS
400227176	EXCEPTION LOC REQUEST
400228345	WASTE MANAGEMENT PLAN
400228347	MULTI-WELL PLAN

Total Attach: 10 Files

General Comments

User Group	Comment	Comment Date
Permit	Final Review Completed. No LGD or public comment received.	12/27/2011 1:57:32 PM
OGLA	OK to pass.	12/8/2011 10:51:04 AM
Permit	property line 208' per operator. section extremely devitated. Okay to pass pending public comment 12/22/11.	12/8/2011 9:40:03 AM
Permit	ON HOLD: requesting confirmation of property line.	12/7/2011 10:38:30 AM
Permit	Operator answered question regarding the use of a closed loop system. Form has passed completeness.	12/5/2011 7:53:08 AM
Permit	Returned to draft. Missing closed loop system question.	12/2/2011 9:55:38 AM

Total: 6 comment(s)

BMP

Type	Comment

Total: 0 comment(s)