

FORM
2

Rev
12/05

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:

400341745

Date Received:

APPLICATION FOR PERMIT TO:

1. ☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate

2. TYPE OF WELL

OIL ☒ GAS ☐ COALBED ☐ OTHER _____
SINGLE ZONE ☒ MULTIPLE ☐ COMMINGLE ☐

Refiling ☐

Sidetrack ☐

PluggingBond SuretyID

20110188

3. Name of Operator: TEKTON WINDSOR LLC

4. COGCC Operator Number: 10392

5. Address: 640 PLAZA DRIVE #290

City: HIGHLANDS State: CO Zip: 80129
RANCH

6. Contact Name: CLAYTON DOKE Phone: (970)669-7411 Fax: (970)669-4077

Email: cdoke@petersonenergy.com

7. Well Name: DIAMOND VALLEY SW 4

Well Number: 4-6-22-270-6-NH

8. Unit Name (if appl): _____ Unit Number: _____

9. Proposed Total Measured Depth: 14211

WELL LOCATION INFORMATION

10. QtrQtr: SESW Sec: 22 Twp: 6N Rng: 67W Meridian: 6

Latitude: 40.467610 Longitude: -104.881390

Footage at Surface: 885 feet FNL/FSL 2146 feet FEL/FWL FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4772 13. County: WELD

14. GPS Data:

Date of Measurement: 11/16/2011 PDOP Reading: 2.1 Instrument Operator's Name: ADAM KELLY

15. If well is ☐ Directional ☒ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 1155 FSL 2148 FWL FWL Bottom Hole: FNL/FSL 1155 FSL 460 FWL FWL
Sec: 22 Twp: 6N Rng: 67W Sec: 21 Twp: 6N Rng: 67W

16. Is location in a high density area? (Rule 603b)? ☒ Yes ☐ No

17. Distance to the nearest building, public road, above ground utility or railroad: 214 ft

18. Distance to nearest property line: 107 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 330 ft

20. LEASE, SPACING AND POOLING INFORMATION

Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)
NIOBRARA	NBRR		480	GWA

21. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian Lease #: _____

22. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian

23. Is the Surface Owner also the Mineral Owner? ☐ Yes ☒ No Surface Surety ID#: _____

23a. If 23 is Yes: Is the Surface Owner(s) signature on the lease? ☐ Yes ☒ No

23b. If 23 is No: ☒ Surface Owners Agreement Attached or ☐ \$25,000 Blanket Surface Bond ☐ \$2,000 Surface Bond ☐ \$5,000 Surface Bond

24. Using standard QtrQtr, Sec, Twp, Rng format enter entire mineral lease description upon which this proposed wellsite is located (attach separate sheet/map if you prefer):

MULTIPLE LEASES CONTAINING TOWNSHIP 6 NORTH, RANGE 67 WEST, SECTION 21; S/2, AND TOWNSHIP 6 NORTH, RANGE 67 WEST, SECTION 22; SW/4

25. Distance to Nearest Mineral Lease Line: 460 ft

26. Total Acres in Lease: 480

DRILLING PLANS AND PROCEDURES

27. Is H2S anticipated? ☐ Yes ☒ No If Yes, attach contingency plan.

28. Will salt sections be encountered during drilling? ☐ Yes ☒ No

29. Will salt (>15,000 ppm TDS CL) or oil based muds be used during drilling? ☐ Yes ☒ No

30. If questions 28 or 29 are yes, is this location in a sensitive area (Rule 901.e)? ☐ Yes ☒ No

31. Mud disposal: ☒ Offsite ☐ Onsite

If 28, 29, or 30 are "Yes" a pit permit may be required.

Method: ☐ Land Farming ☒ Land Spreading ☐ Disposal Facility

Other: _____

Note: The use of an earthen pit for Recompletion fluids requires a pit permit (Rule 905b). If air/gas drilling, notify local fire officials.

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
SURF	12+1/4	9+5/8	36	0	400	212	400	0
1ST	8+3/4	7	23	0	7,354	138	7,354	6,450
1ST LINER	6+1/8	4+1/2	11.6	6500	14,211			

32. BOP Equipment Type: ☒ Annular Preventer ☒ Double Ram ☐ Rotating Head ☐ None

33. Comments No conductor casing will be run. Pad slot #4. This well is a Rule 318A(I).a.(4)D Horizontal GWA Well; Proposed Spacing Unit: S/2 of Sec. 21-T6N-R67W & SW/4 of Sec. 22-T6N-R67W. PSU Map is attached. Well distance to nearest spacing unit boundary = 460'. Operator notified on 11/30/12 all owners as defined in C.R.S. §34-60-103(7) within the proposed spacing unit and has received no written objections per Rule 318A(I).e(6)B. Affidavit of mailing and certification of objections are attached. Tekton respectfully requests that the Rule 318A(I).a.(4)D Horizontal well and proposed spacing unit be approved. Operator requests a rule 318A(I).a and 318A(I).c exception location; this well surface location is outside the GWA drilling windows and is greater than 50' from an existing well. Rule 318A(i).a and Rule 318A(I).c request and waiver are attached. Operator also requests a Rule 603.a.(2) exception location; this well is located less than 150' from the property line. The affected surfaceowner is the same as the surface owner for this location. Rule 603.a.(2) request and waiver are attached. The distance indicated in Question 17 is in relation to a Public road. The distance to the nearest building is 350'.

34. Location ID: 430297

35. Is this application in a Comprehensive Drilling Plan ? ☐ Yes ☐ No

36. Is this application part of submitted Oil and Gas Location Assessment ? ☒ Yes ☐ No

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

Signed: _____

Print Name: CLAYTON DOKE

Title: CONSULTANT

Date: _____ Email: cdoke@petersonenergy.com

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: _____

API NUMBER

05

Permit Number: _____ Expiration Date: _____

CONDITIONS OF APPROVAL, IF ANY:

All representations, stipulations and conditions of approval stated in the Form 2A for this location shall constitute representations, stipulations and conditions of approval for this Form 2 Permit-to-Drill and are enforceable to the same extent as all other representations, stipulations and conditions of approval stated in this Permit-to-Drill.

Attachment Check List

Att Doc Num	Name
400341757	PROPOSED SPACING UNIT
400341759	WELL LOCATION PLAT
400366317	DEVIATED DRILLING PLAN
400366318	DIRECTIONAL DATA
400367115	SURFACE AGRMT/SURETY
400367120	EXCEPTION LOC REQUEST
400367121	EXCEPTION LOC REQUEST
400367123	EXCEPTION LOC WAIVERS
400367125	EXCEPTION LOC WAIVERS
400371111	PROPOSED SPACING UNIT

Total Attach: 10 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>
Drilling/Completion Operations	Bradenhead Monitoring BMP: Operator will comply with COGCC Policy for Bradenhead Monitoring During Hydraulic Fracturing Treatments in the Greater Wattenberg Area dated May 29, 2012.
Drilling/Completion Operations	Anti-Collision BMP: Prior to drilling operations, Operator will perform an anti-collision scan of existing offset wells that have the potential of being within close proximity of the proposed wells. This anti-collision scan will include definitive MWD or gyro surveys of the offset wells with included error of uncertainty per survey instrument, and compared against the proposed wellpath with its respective error of uncertainty. If current surveys do not exist for the offset wells, Operator may have gyro surveys conducted to verify bottomhole location. The proposed well will only be drilled if the anti-collision scan results indicate that there is not a risk for collision, or harm to people or the environment. For the proposed well, upon conclusion of drilling operations, an as-constructed gyro survey will be submitted to COGCC with the Form 5.

Total: 2 comment(s)