

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:

400393226

Date Received:

03/27/2013

## 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

3. Name of Operator: WEXPRO COMPANY4. COGCC Operator Number: 959605. Address: P O BOX 45003City: SALT LAKE CITY State: UT Zip: 84145-06016. Contact Name: Tammy Fredrickson Phone: (307)3527514 Fax: (307)3527575Email: Tammy.Fredrickson@Questar.com7. Well Name: BW Musser Well Number: 688. Unit Name (if appl): Powder Wash Unit Number: COC47671A9. Proposed Total Measured Depth: 9526

## WELL LOCATION INFORMATION

10. QtrQtr: NESE Sec: 6 Twp: 11n Rng: 97W Meridian: 6Latitude: 40.940042 Longitude: -108.325944

Footage at Surface: 1833 feet FNL/FSL 209 feet FEL/FWL FEL

11. Field Name: Powder Wash Field Number: 6980012. Ground Elevation: 6769 13. County: MOFFAT

## 14. GPS Data:

Date of Measurement: 07/21/2010 PDOP Reading: 2.0 Instrument Operator's Name: Robert Kay15. If well is ☒ Directional ☐ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 1352 FSL 27 FEL FEL Bottom Hole: FNL/FSL 1352 FSL 27 FEL FEL  
 Sec: 6 Twp: 11N Rng: 97W Sec: 6 Twp: 11N Rng: 97W

16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 4453 ft18. Distance to nearest property line: 2 mi 19. Distance to nearest well permitted/completed in the same formation(BHL): 300 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.)
Fort Union	FTUN			
Wasatch	WSTC			

21. Mineral Ownership: ☐ Fee ☐ State ☒ Federal ☐ Indian Lease #: COD038749  
B22. Surface Ownership: ☐ Fee ☐ State ☒ Federal ☐ Indian23. 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):

See attached map.

25. Distance to Nearest Mineral Lease Line: 1340 ft

26. Total Acres in Lease: 2536

### 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: Closed Loop System

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
CONDUCTOR	26+0/0	20+0/0	45	0	80	120	80	0
SURF	12+3/4	9+5/8	36	0	1,500	533	1,500	0
1ST	7+7/8	4+1/2	13.5	0	9,526	1,526	9,526	0

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

33. Comments This well will be directionally drilled and there will be five additional wellbores located on the pad to minimize surface disturbance. This pad is covered under the BW Musser 33 Pad Surface Use Plan. Both surface and bottom hole location have had sundry approvals for amendments since the original APD approval.

34. Location ID: 413802

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: Jimmy L. Druce

Title: Manager of Operations

Date: 3/27/2013

Email: Jimmy.Druce@Questar.com

Operator must have a valid water right or permit allowing for industrial use or purchased water from a seller that has a valid water right or permit allowing for industrial use, otherwise an application for a change in type of use is required under Colorado law. Operator must also use the water in the location set forth in the water right decree or well permit, otherwise an application for a change in place of use is required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

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: 7/13/2013

#### API NUMBER

05 081 07640 00

Permit Number: \_\_\_\_\_

Expiration Date: 7/12/2015

#### 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.

(1) COMPLIANCE WITH THE MOST CURRENT REVISION OF THE NORTHWEST COLORADO NOTIFICATION POLICY IS REQUIRED.

(2) CEMENT ON PRODUCTION CASING MUST BE AT LEAST 200' ABOVE TOP OF FT. UNION AND COMPLY WITH RULES 209 AND 317.I. SEGREGATE OIL, GAS, AND FRESH-WATER-BEARING ZONES AND PROTECT COAL SEAMS. VERIFY TOP WITH CBL.

### **Applicable Policies and Notices to Operators**

NW Colorado Notification Policy.

Notice Concerning Operating Requirements for Wildlife Protection.

### **Attachment Check List**

Att Doc Num	Name
2157160	DEVIATED DRILLING PLAN
2157161	DRILLING PLAN
400393226	FORM 2 SUBMITTED
400393278	WELL LOCATION PLAT
400393279	LEASE MAP
400393282	TOPO MAP
400396262	DIRECTIONAL DATA

Total Attach: 7 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Oper. confirmed no conductors set on this pad. Attached revised dev. drlg. plan and drilling plan; corrected TD and casing tab info. No LGD or public comments. Final Review--passed.	7/10/2013 8:06:58 AM
Permit	Distance to nearest unit boundary is 1315'. Corrected dist. to min. lease. Corrected #17 per oper. Dev. drlg. plan does not match dir. template or TD. Field inspection 3/11/2013 reports location built & conductors set.	7/2/2013 2:03:00 PM
Engineer	PROPOSED SURFACE CASING IS MORE THAN 50' BELOW THE DEPTH OF THE DEEPEST WATER WELL WITHIN 1-MILE OF THE SURFACE LOCATION WHEN CORRECTED FOR ELEVATION DIFFERENCES. THE DEEPEST WATER WELL WITHIN 1-MILE IS 72 FEET DEEP.	6/18/2013 2:31:15 PM
Permit	Pass Completeness.	6/12/2013 11:11:36 AM
Permit	Returned to draft: 1) Lease map needs S-T-R. 2) PDF of dev. drlg. plan does not match dir. template. (Template needs heading info filled in.)	3/28/2013 8:05:39 AM

Total: 5 comment(s)

### **BMP**

<b><u>Type</u></b>	<b><u>Comment</u></b>
Drilling/Completion Operations	The location will be bermed in all areas where a fill slope is present to contain all fluids on the location.
Construction	Storm water and erosion control methods will be utilized from the start of constuction until stabilization of the site.
Structural Practices	The tanks will be surrounded by a containment that is capable of containing 110% of the largest tank during the production phase of the well pad.

Total: 3 comment(s)