

FORM  
2

Rev  
12/05

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:  400209119			
PluggingBond SuretyID			

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 ☐

3. Name of Operator: WEXPRO COMPANY 4. COGCC Operator Number: 95960  
5. Address: P O BOX 45003  
City: SALT LAKE CITY State: UT Zip: 84145-0601  
6. Contact Name: Tammy Fredrickson Phone: (307)3527514 Fax: (307)3527575  
Email: Tammy.Fredrickson@Questar.com  
7. Well Name: BW Musser Well Number: 59  
8. Unit Name (if appl): Powder Wash Unit Number: COC047671  
A  
9. Proposed Total Measured Depth: 9308

WELL LOCATION INFORMATION

10. QtrQtr: NENW Sec: 9 Twp: 11N Rng: 97W Meridian: 6  
Latitude: 40.933453 Longitude: -108.298750

Footage at Surface: 575 feet FNL/FSL FNL 2031 feet FEL/FWL FWL

11. Field Name: Powder Wash Field Number: 69800  
12. Ground Elevation: 6699 13. County: MOFFAT

14. GPS Data:

Date of Measurement: 08/30/2010 PDOP Reading: 1.1 Instrument Operator's Name: D. Kay

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

Footage at Top of Prod Zone: FNL/FSL 422 FSL 2445 FWL 422 FSL 2445 FWL  
Bottom Hole: FNL/FSL 422 FSL 2445 FWL  
Sec: 4 Twp: 11N Rng: 97W Sec: 4 Twp: 11N Rng: 97W

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: 669 ft

18. Distance to nearest property line: 16191 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1200 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 #: COD  
0038749A  
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):  
See Attached Map

25. Distance to Nearest Mineral Lease Line: 422 ft 26. Total Acres in Lease: 640

### 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	20+0/0	16+0/0	42	0	80	155	80	0
SURF	12+3/4	9+5/8	36	0	1,500	834	1,500	0
1ST	7+7/8	4+1/2	13.5	0	9,308	1,336	9,308	0

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

33. Comments This well will be directionally drilled and there will be four additional well bores on the pad to minimize surface disturbance. This pad is covered under the BW Musser 41 Pad Surface Use Plan dated 09/08/2011.

34. Location ID: \_\_\_\_\_

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: Operations Manager Date: 9/27/2011 Email: Tammy.Fredrickson@Questar.

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: 10/28/2011

#### API NUMBER

05 081 07697 00

Permit Number: \_\_\_\_\_ Expiration Date: 10/27/2013

#### 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) THE 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 680 FEET DEEP.

### **Attachment Check List**

Att Doc Num	Name
400209119	FORM 2 SUBMITTED
400209131	LEASE MAP
400209132	DEVIATED DRILLING PLAN
400209133	DRILLING PLAN
400209134	FED. DRILLING PERMIT
400209135	WELL LOCATION PLAT
400209136	TOPO MAP
400209137	ACCESS ROAD MAP

Total Attach: 8 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	took off hold--BHL info on #58 OK. LGD/pub. comm. waived. Final Comprehensive Review Status--passed.	10/25/2011 2:46:01 PM
Permit	put on hold--still waiting on final BHL info from oper.on Musser #58. this APD ready to pass.	10/24/2011 2:00:58 PM
Permit	changed to multiple zone completion & checked commingle. added related form 2A #400147431. ready to approve in permitting when LGD/pub. comm. exp.	10/17/2011 9:21:07 AM

Total: 3 comment(s)

### **BMP**

<b><u>Type</u></b>	<b><u>Comment</u></b>
Construction	Storm water and erosion control methods will be utilized from the start of construction 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.
Drilling/Completion Operations	The location will be bermed in all areas where a fill slope is present to contain all fluids on the location.

Total: 3 comment(s)