



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: 555 ft 26. Total Acres in Lease: 1895

### 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	9,306	1,336	9,306	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 located 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 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 07695 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
400208888	FORM 2 SUBMITTED
400208900	DEVIATED DRILLING PLAN
400208901	DRILLING PLAN
400208902	FED. DRILLING PERMIT
400208903	WELL LOCATION PLAT
400208904	TOPO MAP
400208905	ACCESS ROAD MAP
400209048	LEASE 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. corr. dist. to nearest well to 1140' per verbal approval from oper. LGD/pub. comm. waived. Final Comprehensive Review Status--passed.	10/25/2011 2:53:32 PM
Permit	put on hold--still waiting on final BHL info from oper. for Musser #58. this APD ready to approve.	10/24/2011 1:58:25 PM
Permit	added related form 2A #400147431. change to multiple zone completion/commingled. ready to pass in permitting when LGD/pub. comm. expire.	10/17/2011 9:00:29 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.
Drilling/Completion Operations	The location will be bermed in all areas where a fill slope is present to contain all fluids on the location.
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)