



DE	ET	OE	ES
Document Number: 400220246			
PluggingBond SuretyID 20080107			

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: QUICKSILVER RESOURCES INC 4. COGCC Operator Number: 10255
 5. Address: 801 CHERRY ST - #3700 UNIT 19
 City: FT WORTH State: TX Zip: 76102
 6. Contact Name: Pamela Osburn Phone: (817)665-4918 Fax: (817)665-5009
 Email: posburn@qrinc.com
 7. Well Name: PIRTLAW PARTNERS Ltd Well Number: 24-33
 8. Unit Name (if appl): _____ Unit Number: _____
 9. Proposed Total Measured Depth: 7800

WELL LOCATION INFORMATION

10. QtrQtr: SE SW Sec: 33 Twp: 7N Rng: 87W Meridian: 6
 Latitude: 40.516138 Longitude: -107.155573
 Footage at Surface: 645 feet FNL/FSL 1963 feet FEL/FWL FWL
 11. Field Name: WILDCAT Field Number: 99999
 12. Ground Elevation: 6945 13. County: ROUTT

14. GPS Data:
 Date of Measurement: 08/25/2011 PDOP Reading: 1.8 Instrument Operator's Name: DOWLING LAND SURVEYORS

15. If well is Directional Horizontal (highly deviated) **submit deviated drilling plan.**
 Footage at Top of Prod Zone: FNL/FSL _____ FEL/FWL _____ Bottom Hole: FNL/FSL _____ FEL/FWL _____
 Sec: _____ Twp: _____ Rng: _____ Sec: _____ Twp: _____ Rng: _____

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: 4850 ft
 18. Distance to nearest property line: 646 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 4000 ft

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			

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):

SEE ATTACHED MINERAL LEASES

25. Distance to Nearest Mineral Lease Line: 649 ft 26. Total Acres in Lease: 2910

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
CONDUCTOR	20	16		0	40			
SURF	12+1/4	9+5/8	36	0	1,200	545	1,200	0
1ST	8+3/4	7	26	0	6,400	540	6,400	0
2ND	6+1/8	4+1/2	13.5	0	7,800	160	7,800	5,400

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

33. Comments _____

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: Pamela S. Osburn

Title: Sr. Regulatory Analyst Date: 11/2/2011 Email: posburn@qvinc.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
400220246	FORM 2 SUBMITTED
400220265	PLAT
400220267	SURFACE AGRMT/SURETY
400220269	LEGAL/LEASE DESCRIPTION

Total Attach: 4 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>

Total: 0 comment(s)