

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



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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

20080107

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)475-6482 Fax: (817)665-4918

Email: posburn@qrinc.com

7. Well Name: PIRTLAW PARTNERS, LTD Well Number: 21-04

8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_

9. Proposed Total Measured Depth: 8200

## WELL LOCATION INFORMATION

10. QtrQtr: NE NW Sec: 4 Twp: 6N Rng: 87W Meridian: 6

Latitude: 40.511862 Longitude: -107.156359

Footage at Surface: 912 feet FNL/FSL FNL 1742 feet FEL/FWL FWL

11. Field Name: WILDCAT Field Number: 99999

12. Ground Elevation: 6782 13. County: ROUTT

### 14. GPS Data:

Date of Measurement: 12/20/2012 PDOP Reading: 1.8 Instrument Operator's Name: GORDON R. DOWLING

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: 4650 ft

18. Distance to nearest property line: 5280 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 5001 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			

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 LEASE DESCRIPTION AND LEASE MAP  
 25. Distance to Nearest Mineral Lease Line: 429 ft                      26. Total Acres in Lease: 2342

**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	24	20	94	0	60	100	60	0
SURF	17+1/2	13+3/8	68	0	1,200	846	1,200	0
1ST	12+1/4	9+5/8	40	0	5,851	863	5,851	800
2ND	8+3/4	5+1/2	17	0	8,200	545	8,200	4,851

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: \_\_\_\_\_                      Email: posburn@qinc.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.**

\_\_\_\_\_

Data retrieval failed for the subreport 'IntPolicy\_NTC' located at: W:\netpub\NetReports\policy\_ntc.rdl. Please check th

**Attachment Check List**

<u>Att Doc Num</u>	<u>Name</u>
400413001	WELL LOCATION PLAT
400413002	SURFACE AGRMT/SURETY
400413004	LEGAL/LEASE DESCRIPTION
400413005	LEASE MAP

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)