

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



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Document Number:

400184075

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@qvinc.com

7. Well Name: CAMILLETTI Well Number: 21-10

8. Unit Name (if appl): _____ Unit Number: _____

9. Proposed Total Measured Depth: 5060

WELL LOCATION INFORMATION

10. QtrQtr: SE NW Sec: 10 Twp: 6N Rng: 86W Meridian: 6

Latitude: 40.496633 Longitude: -107.021083

Footage at Surface: 1345 feet FNL 2584 feet FWL

11. Field Name: WILDCAT Field Number: 99999

12. Ground Elevation: 6663 13. County: ROUTT

14. GPS Data:

Date of Measurement: 08/12/2011 PDOP Reading: 2.2 Instrument Operator's Name: Uintah Engineering

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: 3530 ft

18. Distance to nearest property line: 935 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 7000 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 mineral lease

25. Distance to Nearest Mineral Lease Line: 1345 ft

26. Total Acres in Lease: 2770

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	395	1,200	0
1ST	8+3/4	7	26	0	3,630	315	3,630	0
2ND	6+1/8	4+1/2	13.5	0	5,060	160	5,060	2,630

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 Osburn

Title: Sr. Regulatory Analyst Date: 11/4/2011 Email: posburn@qrinc.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: David S. Nesline

Director of COGCC Date: 12/11/2011

API NUMBER

05 107 06246 00

Permit Number: _____ Expiration Date: 12/10/2013

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 1MILE OF THE SURFACE LOCATION WHEN CORRECTED FOR ELEVATION DIFFERENCES. THE DEEPEST WATER WELL WITHIN 1 MILE IS 340 FEET DEEP.

Before placing oil/salt based muds in a pit, operator must file and receive prior approval of a Pit Permit, Form 15. COGCC regulations regarding pit permits can be found in Rule 903.a.(3). PIT PERMITTING/REPORTING REQUIREMENTS.

Attachment Check List

Att Doc Num	Name
400184075	FORM 2 SUBMITTED
400221006	OIL & GAS LEASE
400221007	OIL & GAS LEASE
400221008	OIL & GAS LEASE
400221009	WELL LOCATION PLAT
400221296	SURFACE AGRMT/SURETY

Total Attach: 6 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	No public or LGD comments Comprehensive Final Review status -- Passed Corrected formation code	12/8/2011 11:58:59 AM
OGLA	<p>Comment received via e-mail from LGD on 11/23/11:</p> <p>Camilletti 21-10 Quicksilver Resources Doc #400184075 Routt County LGD Comments</p> <p>This is the first application for other wells planned in this area. The site is directly north of the Community of Milner which has approximately 98 residences served by individual wells as their water source. There are also other residences located W and E of this well site that are served by water wells. Routt County is concerned that this community is protected from increased noise, air pollution, traffic, contamination of water sources, etc. The applicant should develop monitoring systems for these concerns and mitigation measures established and maintained during the life of the well.</p> <p>There is also a stream and an agriculture water source to the east of the proposed well site. Any access roads and the well pad must have comprehensive a BMP plan and continually monitored for protection of these water sources from erosion and contaminants.</p> <p>There are wildlife concerns at the site and all wildlife mitigation measures should be adhered to.</p> <p>The property is used for agriculture and grazing and is fenced along US 40. Access from US 40 should be designed to allow large equipment and vehicles to completely clear the traveled way off of the highway (the length of the largest vehicle) before reaching fencing, gates or cattleguards. If gates are used, at no time should they be left open.</p> <p>Fencing of the well pad or all equipment and containment areas is suggested to keep cattle from rubbing on equipment and destroying berms and containment areas. Due to wildlife and cattle operations there shall be no unfenced pits at any time.</p>	11/28/2011 11:13:44 AM
Permit	Changed surface and property line distances to match values reported on the OGLA	11/9/2011 9:23:01 AM
Permit	Operator corrected SHL. Form has passed completeness.	11/7/2011 10:21:45 AM
Permit	Returned to draft. Incorrect SHL.	11/7/2011 7:56:49 AM

Total: 5 comment(s)

BMP

<u>Type</u>	<u>Comment</u>
Storm Water/Erosion Control	Diversion Ditch, Erosion Control Blanket, Inlet Protection, Sediment Control Log, Silt Fence, Surface Roughening, Limits of Construction, Earthen Berm

Total: 1 comment(s)