

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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APPLICATION FOR PERMIT TO:

1. ☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate

2. TYPE OF WELL

OIL ☒ GAS ☐ COALBED ☐ OTHER Horizontal
SINGLE ZONE ☒ MULTIPLE ☐ COMMINGLE ☐

Refilling ☐
Sidetrack ☒

Document Number:

400195342

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: Lisa Smith Phone: (303)857-9999 Fax: (303)450-9200

Email: LSPermitco@aol.com

7. Well Name: Bret Granbouche Well Number: 24-02H

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

9. Proposed Total Measured Depth: 12500

WELL LOCATION INFORMATION

10. QtrQtr: SESW Sec: 2 Twp: 6N Rng: 92W Meridian: 6

Latitude: 40.494389 Longitude: -107.689272

Footage at Surface: 664 feet FSL 1983 feet FSL
FNL/FSL FEL/FWL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 6636 13. County: MOFFAT

14. GPS Data:

Date of Measurement: 05/25/2011 PDOP Reading: 2.2 Instrument Operator's Name: McCoy Anderson

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
664 FSL 1983 FWL 702 FSL 1313 FWL
Sec: 2 Twp: 6N Rng: 92W Sec: 11 Twp: 6N Rng: 92W

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: 3341 ft

18. Distance to nearest property line: 658 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 5280 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):

T6N-R92W-Sec 2: S/2SW/4; Sec. 10: SWSE, E/2SE/4, SENE; Sec 11: W/2. See Attached Pooling Area.

25. Distance to Nearest Mineral Lease Line: 658 ft

26. Total Acres in Lease: 560

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	0	40	0
SURF	12+1/4	9+5/8	36	0	1,200	395	1,200	0
1ST	8+3/4	7	26	0	6,790	690	6,790	0
2ND	6+1/8	4+1/2	13.5	0	12,500	465	12,500	5,290

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

33. Comments _____

34. Location ID: 425419

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: Lisa Smith

Title: President Date: 8/19/2011 Email: LSPermitco@aol.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: 9/15/2011

API NUMBER

05 081 07679 01

Permit Number: _____ Expiration Date: 9/14/2013

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 310 FEET DEEP.

Before placing oil/salt based muds in the 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
400195342	FORM 2 SUBMITTED
400198177	WELL LOCATION PLAT
400198180	OTHER
400198181	SURFACE AGRMT/SURETY
400198194	DEVIATED DRILLING PLAN
400205002	LEGAL/LEASE DESCRIPTION

Total Attach: 6 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	This application was inadvertently left in Draft. The OGLA and pilot hole application have been passed by all parties and the comment period is over. This application will be issued before the comment period is over due to the fact no comments were submitted for the two previous applications.	9/15/2011 1:35:42 PM
Permit	Corrected bhl to match Well Location Plat	9/14/2011 12:28:34 PM
Permit	Lease description is reattached and opens properly	9/13/2011 2:16:11 PM
Permit	Returned to draft. Legal/lease attachment does not open.	8/22/2011 8:12:43 AM

Total: 4 comment(s)

BMP

<u>Type</u>	<u>Comment</u>

Total: 0 comment(s)