

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



Document Number:

400360727

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 INC4. COGCC Operator Number: 102555. Address: 801 CHERRY ST - #3700 UNIT 19City: FT WORTH State: TX Zip: 761026. Contact Name: Pamela Osburn Phone: (817)665-4918 Fax: (817)665-5009Email: posburn@qrinc.com7. Well Name: WELKER Well Number: 31-11

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

9. Proposed Total Measured Depth: 9100

WELL LOCATION INFORMATION

10. QtrQtr: NW NE Sec: 11 Twp: 6N Rng: 92W Meridian: 6Latitude: 40.490744 Longitude: -107.684531

Footage at Surface: 661 feet FNL/FSL 1982 feet FEL/FWL FEL

11. Field Name: WILDCAT Field Number: 9999912. Ground Elevation: 6637 13. County: MOFFAT

14. GPS Data:

Date of Measurement: 11/15/2012 PDOP Reading: 1.4 Instrument Operator's Name: GLEN McELROY15. 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 ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 2100 ft18. Distance to nearest property line: 1982 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1870 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 ☐ Indian23. 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 ☐ No23b. 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):

Section 11: E/2 E/2, SW/4 SE/4 Section 14: NE/4, MOFFAT COUNTY, T6N, R92W

25. Distance to Nearest Mineral Lease Line: 661 ft 26. Total Acres in Lease: 360

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		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	6,719	1,002	6,719	800
2ND	8+3/4	5+1/2	17	0	8,939	544	8,939	5,719

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: _____ 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_NTO' located at: W:\Instrub\Net\Reports\policy_nto.rdl. Please check th

Attachment Check List

Att Doc Num	Name
400360800	WELL LOCATION PLAT
400360801	

Total Attach: 2 Files

General Comments

User Group Comment Comment Date

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Total: 0 comment(s)

BMP

Type Comment

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Total: 0 comment(s)