


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		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">DE</td> <td style="width: 25%;">ET</td> <td style="width: 25%;">OE</td> <td style="width: 25%;">ES</td> </tr> </table>	DE	ET	OE	ES
DE	ET	OE	ES				
APPLICATION FOR PERMIT TO:			Document Number: 400154120 Plugging Bond Surety				
1. <input checked="" type="checkbox"/> Drill, <input type="checkbox"/> Deepen, <input type="checkbox"/> Re-enter, <input type="checkbox"/> Recomplete and Operate							
2. TYPE OF WELL OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> COALBED <input type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> COMMINGLE ZONE <input type="checkbox"/>		Refiling <input type="checkbox"/> Sidetrack <input type="checkbox"/>					
3. Name of Operator: <u>QUICKSILVER RESOURCES INC</u>		4. COGCC Operator Number: <u>10255</u>					
5. Address: <u>801 CHERRY ST - #3700 UNIT 19</u> City: <u>FT WORTH</u> State: <u>TX</u> Zip: <u>76102</u>							
6. Contact Name: <u>LISA SMITH</u> Phone: <u>(303)8579999</u> Fax: <u>(303)4509200</u> Email: <u>lspermitco@aol.com</u>							
7. Well Name: <u>Weber</u>		Well Number: <u>32-4</u>					
8. Unit Name (if appl): _____		Unit Number: _____					
9. Proposed Total Measured Depth: <u>8080</u>							
WELL LOCATION INFORMATION							
10. QtrQtr: <u>SW NE</u> Sec: <u>4</u> Twp: <u>6N</u> Rng: <u>92W</u> Meridian: <u>6</u> Latitude: <u>40.501175</u> Longitude: <u>-107.722908</u>							
Footage at Surface: <u>2189</u> feet FNL/FSL <u>FNL</u> 2094 feet FEL/FWL <u>FEL</u>							
11. Field Name: <u>Bell Rock</u>		Field Number: <u>6020</u>					
12. Ground Elevation: <u>6669</u>		13. County: <u>MOFFAT</u>					
14. GPS Data: Date of Measurement: <u>04/04/2011</u> PDOP Reading: <u>2.8</u> Instrument Operator's Name: <u>Gary Streeter</u>							
15. If well is <input type="checkbox"/> Directional <input type="checkbox"/> 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)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
17. Distance to the nearest building, public road, above ground utility or railroad: <u>859 ft</u>							
18. Distance to nearest property line: <u>258 ft</u> 19. Distance to nearest well permitted/completed in the same formation: <u>5280 ft</u>							
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	274-3	320	E/2			

IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.

21. Mineral Ownership: ☐ Fee ☐ State ☒ Federal ☐ Indian Lease #: COC64881

22. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian

23. Is the Surface Owner also the Mineral Owner? ☐ Yes ☒ No Surface Surety ID#: 20110043

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 Bon ☐ \$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: Section 4: SW NE, S/2 NW, SW, W/2 SE, SE SE

25. Distance to Nearest Mineral Lease Line: 766 ft 26. Total Acres in Lease: 801

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		40	0
SURF	12+1/4	9+5/8	36	0	1,200	490	1,200	0
1ST	8+3/4	7+7/8	26	1000	6,293	730	6,293	1,000
2ND	6+1/8	4+1/2	11.6	3300	8,080			
S.C. 2.1					6,300	310	6,300	3,300

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: LISA SMITH

Title: Regulatory Supervisor Date: 4/15/2011 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: 5/25/2011

Permit Number: _____ Expiration Date: 5/24/2013

API NUMBER

05 081 07654 00

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) CEMENT ON PRODUCTION CASING MUST BE AT LEAST 200' ABOVE TOP OF FT. UNION AND COMPLY WITH RULES 209 AND 317.I. SEGREGATE OIL, GAS, AND FRESH-WATER-BEARING ZONES AND PROTECT COAL SEAMS. VERIFY TOP WITH CBL.

(3) THE SURFACE CASING IS MORE THAN 50' BELOW THE DEPTH OF THE DEEPEST WATER WELL WITHIN 1-MILE OF THE SURFACE LOCATION WHEN CORRECTED FOR ELEVATION DIFFERENCES. THE DEEPEST WATER WELL WITHIN 1-MILE IS 400 FEET DEEP.

Attachment Check List

Att Doc Num	Name
2089437	VARIANCE REQUEST
2089438	VARIANCE REQUEST
2089439	LEGAL/LEASE DESCRIPTION
400154120	FORM 2 SUBMITTED
400154185	WELL LOCATION PLAT

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Variance request to Order 274-1 for set back less than 900 feet from the unit boundary was discussed with Stanley Eng of BLM Little Snake field office; he had no issue to the permit approval.	5/23/2011 11:39:05 AM
Permit	Unit configuration changed to east half per Jenny Parsons to meet requirements of Order 274-1	5/17/2011 9:37:08 AM
Permit	Added unit configuration as provided by operator	4/25/2011 8:54:27 AM
Engineer	emailed opr rep (V Langmacher) for clarification on production-string casing info (proposed TMD is 8080', yet casing info has 6300'). also changed int casing size from 26" to 7.785" jk	4/21/2011 10:19:12 AM
Permit	Added commingle as no and spacing number and unit size Changed distance to nearest well Operator will call back with unit configuration	4/19/2011 10:01:56 AM
Permit	Removed the plugging bond (Federal Mineral), and Opr-Venesa notified. sf	4/18/2011 9:58:45 AM

Total: 6 comment(s)

BMP

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

Total: 0 comment(s)