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|---|---|---|---|----|----|----|----|
| 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:

1. **Drill,** Deepen, Re-enter, Recomplete and Operate

2. TYPE OF WELL

OIL GAS COALBED OTHER _____
 SINGLE ZONE MULTIPLE ZONE COMMINGLE ZONE

Refiling
 Sidetrack

Document Number:
 400154120
 Plugging Bond Surety

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)8579999 Fax: (303)4509200
 Email: lspermitco@aol.com
 7. Well Name: Weber Well Number: 32-4
 8. Unit Name (if appl): _____ Unit Number: _____
 9. Proposed Total Measured Depth: 8080

WELL LOCATION INFORMATION

10. QtrQtr: SW NE Sec: 4 Twp: 6N Rng: 92W Meridian: 6
 Latitude: 40.501175 Longitude: -107.722908
 Footage at Surface: 2189 feet FNL 2094 feet FEL
FNL/FSL FEL/FWL
 11. Field Name: Bell Rock Field Number: 6020
 12. Ground Elevation: 6669 13. County: MOFFAT

14. GPS Data:
 Date of Measurement: 04/04/2011 PDOP Reading: 2.8 Instrument Operator's Name: Gary Streeter

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: 859 ft
 18. Distance to nearest property line: 258 ft 19. Distance to nearest well permitted/completed in the same formation: 5280 ft

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. Neslin 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 that 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

Type

Comment

| <u>Type</u> | <u>Comment</u> |
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Total: 0 comment(s)