

State of Colorado Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303)894-2100 Fax: (303)894-2109



Handwritten signature

SUNDRY NOTICE

Submit original plus one copy. This form is to be used for general, technical and environmental sundry information. For proposed or completed operations, describe in full on Technical Information Page (Page 2 of this form.) Identify well or other facility by API Number or by OGCC Facility ID. Operator shall send an informational copy of all sundry notices for wells located in High Density Areas to the Local Government Designee (Rule 603b.)

RECEIVED JUN 29 2011

Complete the Attachment Checklist COGCC/Rifle Office

OP OGCC

Form fields for Sundry Notice including Operator Number (10255), Name of Operator (Quicksilver Resources Inc.), Address (601 Cherry Street, Suite 3700, Unit #19), Contact Name (Cindy Keister), Phone (817) 665-5572, Fax (817) 665-5009, API Number (05-081-07656-00), Well/Facility Name (K-Diamond Federal), Well/Facility Number (21-21), Location (NE/4 NW/4 Section 21, 6N, T92W, 6th P.M.), County (Moffat), Field Name (Wildcat), Federal, Indian or State Lease Number (COC 64882).

General Notice

General Notice section with checkboxes for Change of Location, Change Spacing Unit, Change Operator, Change Well Name, Abandoned Location, Notice of Continued Shut In Status, Spud Date, Request for Confidential Status, Subsequent Report of Stage, Squeeze or Remedial Cement Work, and Reclamation.

Technical Engineering/Environmental Notice

Technical Engineering/Environmental Notice section with checkboxes for Notice of Intent, Report of Work Done, Intent to Recomplete, Change Drilling Plans, Gross Interval Changed, Casing/Cementing Program Change, Request to Vent or Flare, Repair Well, Rule 502 variance requested, Other, E&P Waste Disposal, Beneficial Reuse of E&P Waste, Status Update/Change of Remediation Plans for Spills and Releases.

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct and complete.

Signed: Cindy Keister

Date: 06/29/2011 Email: ckeister@qrinc.com

Print Name: Cindy Keister

Title: Director Regulatory Affairs

COGCC Approved:

Title: EIT 3

Date: 6/30/11

CONDITIONS OF APPROVAL, IF ANY:

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

1. OGCC Operator Number: 10255 API Number: 05-081-07656-00
 2. Name of Operator: Quicksilver Resources Inc. OGCC Facility ID #
 3. Well/Facility Name: K-Diamond Federal Well/Facility Number: 21-21
 4. Location (QtrQtr, Sec, Twp, Rng, Meridian): NE/4 NW/4 Sec 21, T6N, R92W, 6th P.M.

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This form is to be completed whenever a Sundry Notice is submitted requiring detailed report of work to be performed or completed. This form shall be transmitted within 30 days of work completed as a "subsequent" report and must accompany Form 4, page 1.

5. DESCRIBE PROPOSED OR COMPLETED OPERATIONS

String	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
Conductor	20	16		40	0	40	0
Surface	12-1/4	9-5/8	36	1200	395	1200	0
Intermediate	8-3/4	7	26	5600	510	5600	1000
Production	6-1/8	4-1/2	13.5	7000	160	7000	4600

DV Tool @3600'

(5600')

11.6 → CSG/Liner Top = 2600 → 5600

Red from orig/prev APD

Cement Surface Casing w/200 sks lead CI C, 2.24 ft³/sk, 12.3 lb/gal, 448 ft³ plus .125 lb/sk poly e flake. Followed w/195sks tail CI C, 1.72 ft³/sk, 13.5 lb/gal, 335 ft³ plus .125 lb/sk poly e flake. Cemented from 0-1200'.
 Cement Stage 1 Intermediate w/120sx lead CI A, 2.22 ft³/sk, 12.2 lb/gal, 266 ft³ plus .125 lb/sk poly e flake, 10 lb/sk silicalite, .4% fluid loss control, 1% econolite & 5% calseal. Followed w/80 sks tail CI G, 1.29 ft³/sk, 14.2 lb/gal, 103 ft³ plus .125 lb/sk poly e flake, .2% fluid loss control and .4% retarder.
 Cement Stage 2 Intermediate w/230 sks lead CI G, 2.22 ft³/sk, 12.2 lb/gal, 510 ft³ plus .125 lb/sk poly e flake, 10 lb/sk silicalite, .4% fluid loss control, 1% econolite & 5% calseal. Followed w/80 sks tail CI G, 1.29 ft³/sk, 14.2 lb/gal, 103 ft³ plus .125 lb/sk poly e flake, .2% fluid loss control and .4% retarder. Cemented from 0-5600' w/DV tool @3600'.
 Cement Production Casing w/160 sks tail CI G 1.73 ft³/sk, 13.5 lb/gal, 276 ft³ plus 1% bentonite, 1% calseal, .5% dispersant, .5% fluid loss control .15% retarder, 1% expander, 23% sand and 8% enhancer.

APD is doc # 400159702