

State of Colorado
Oil and Gas Conservation Commission

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



02121243

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
OGCC/Rifle Office

1. OGCC Operator Number: 10255	4. Contact Name: Cindy Keister	Survey Plat			
2. Name of Operator: Quicksilver Resources Inc.	Phone: (817) 665-5572			Directional Survey	
3. Address: 601 Cherry Street, Suite 3700, Unit #19	Fax: (817) 665-5009			Surface Eqpm Diagram	
City: Fort Worth State: TX Zip: 76102				Technical Info Page	X
5. API Number 05-081-07656-00	OGCC Facility ID Number	Other			
6. Well/Facility Name: K-Diamond Federal	7. Well/Facility Number 21-21				
8. Location (Qtr/Sec, Twp, Rng, Meridian): NE/4 NW/4 Section 21, 6N, T92W, 6th P.M.	10. Field Name: Wildcat				
9. County: Moffat					
11. Federal, Indian or State Lease Number: COC 64882					

General Notice

<input type="checkbox"/> CHANGE OF LOCATION: Attach New Survey Plat (a change of surface qtr/qtr is substantive and requires a new permit)																					
Change of Surface Footage from Exterior Section Lines:	<table><tr><td></td><td>FNL/FSL</td><td></td><td>FEL/FWL</td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td>Change of Surface Footage to Exterior Section Lines:</td><td></td><td></td><td></td></tr><tr><td>Change of Bottomhole Footage from Exterior Section Lines:</td><td></td><td></td><td></td></tr><tr><td>Change of Bottomhole Footage to Exterior Section Lines:</td><td></td><td></td><td></td></tr></table>		FNL/FSL		FEL/FWL					Change of Surface Footage to Exterior Section Lines:				Change of Bottomhole Footage from Exterior Section Lines:				Change of Bottomhole Footage to Exterior Section Lines:			
	FNL/FSL		FEL/FWL																		
Change of Surface Footage to Exterior Section Lines:																					
Change of Bottomhole Footage from Exterior Section Lines:																					
Change of Bottomhole Footage to Exterior Section Lines:																					
Bottomhole location Qtr/Sec, Twp, Rng, Mer																					
Latitude	Distance to nearest property line																				
Longitude	Distance to nearest bldg, public rd, utility or RR																				
Ground Elevation	Distance to nearest lease line																				
	Is location in a High Density Area (rule 603b)? Yes/No																				
	Distance to nearest well same formation																				
	Surface owner consultation date:																				
GPS DATA:																					
Date of Measurement	PDOP Reading Instrument Operator's Name																				
<input type="checkbox"/> CHANGE SPACING UNIT																					
Formation	Formation Code Spacing order number Unit Acreage Unit configuration																				
<input type="checkbox"/> Remove from surface bond																					
Signed surface use agreement attached																					
<input type="checkbox"/> CHANGE OF OPERATOR (prior to drilling):																					
Effective Date:																					
Plugging Bond: <input type="checkbox"/> Blanket <input type="checkbox"/> Individual																					
<input type="checkbox"/> CHANGE WELL NAME																					
From:	NUMBER																				
To:																					
Effective Date:																					
<input type="checkbox"/> ABANDONED LOCATION:																					
Was location ever built? <input type="checkbox"/> Yes <input type="checkbox"/> No																					
Is site ready for inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No																					
Date Ready for Inspection:																					
<input type="checkbox"/> NOTICE OF CONTINUED SHUT IN STATUS																					
Date well shut in or temporarily abandoned:																					
Has Production Equipment been removed from site? <input type="checkbox"/> Yes <input type="checkbox"/> No																					
MIT required if shut in longer than two years. Date of last MIT																					
<input type="checkbox"/> SPUD DATE:																					
<input type="checkbox"/> REQUEST FOR CONFIDENTIAL STATUS (6 mos from date casing set)																					
<input type="checkbox"/> SUBSEQUENT REPORT OF STAGE, SQUEEZE OR REMEDIAL CEMENT WORK																					
Method used	Cementing tool setting/perf depth Cement volume Cement top Cement bottom Date																				
<input type="checkbox"/> RECLAMATION: Attach technical page describing final reclamation procedures per Rule 1004.																					
Final reclamation will commence on approximately	Final reclamation is completed and site is ready for inspection.																				

Technical Engineering/Environmental Notice

<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Report of Work Done	
Approximate Start Date:	Date Work Completed:	
Details of work must be described in full on Technical Information Page (Page 2 must be submitted.)		
<input type="checkbox"/> Intent to Recomplete (submit form 2)	<input type="checkbox"/> Request to Vent or Flare	<input type="checkbox"/> E&P Waste Disposal
<input type="checkbox"/> Change Drilling Plans	<input type="checkbox"/> Repair Well	<input type="checkbox"/> Beneficial Reuse of E&P Waste
<input type="checkbox"/> Gross Interval Changed?	<input type="checkbox"/> Rule 502 variance requested	<input type="checkbox"/> Status Update/Change of Remediation Plans
<input checked="" type="checkbox"/> Casing/Cementing Program Change	<input type="checkbox"/> Other:	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
Print Name: Cindy Keister

Date: 06/29/2011 Email: ckeister@qrlinc.com
Title: Director Regulatory Affairs

COGCC Approved: [Signature]
CONDITIONS OF APPROVAL, IF ANY:

Title: EIT 3 Date: 6/30/11

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	0
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