

State of Colorado  
Oil and Gas Conservation Commission

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



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  
SEP 01 2011  
COGCC/Rifle Office

Complete the Attachment  
Checklist

OP OGCC

1. OGCC Operator Number: 10255	4. Contact Name
2. Name of Operator: Quicksilver Resources Inc.	Cindy Keister
3. Address: 801 Cherry St, Suite 3700, Unit #19	Phone: (817) 665-5572
City: Fort Worth State: TX Zip: 76102	Fax: (817) 665-5009
5. API Number 05-081-07672-00	OGCC Facility ID Number
6. Well/Facility Name: Horse Gulch Federal	7. Well/Facility Number 13-12
8. Location (Qtr/Qtr, Sec, Twp, Rng, Meridian): NW/4 SW/4 Section 12, T6N, R93W, 6th Meridian	
9. County: Moffat	10. Field Name: Wildcat
11. Federal, Indian or State Lease Number: COC65175	

Survey Plat	
Directional Survey	
Surface Eqpm Diagram	
Technical Info Page	X
Other	X

General Notice

☐ 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:		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/Qtr, Sec, Twp, Rng, Mer \_\_\_\_\_  
Latitude \_\_\_\_\_ Distance to nearest property line \_\_\_\_\_ Distance to nearest bldg, public rd, utility or RR \_\_\_\_\_  
Longitude \_\_\_\_\_ Distance to nearest lease line \_\_\_\_\_ Is location in a High Density Area (rule 603b)? Yes/No \_\_\_\_\_  
Ground Elevation \_\_\_\_\_ 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	<input type="checkbox"/> Remove from surface bond
Formation _____ Formation Code _____ Spacing order number _____ Unit Acreage _____ Unit configuration _____	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: _____
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<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 _____
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<input type="checkbox"/> SPUD DATE: _____	<input type="checkbox"/> REQUEST FOR CONFIDENTIAL STATUS (6 mos from date casing set)
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<input type="checkbox"/> SUBSEQUENT REPORT OF STAGE, SQUEEZE OR REMEDIAL CEMENT WORK	*submit cbl and cement job summaries
Method used _____ Cementing tool setting/perf depth _____ Cement volume _____ Cement top _____ Cement bottom _____ Date _____	

☐ 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 checked="" type="checkbox"/> Notice of Intent Approximate Start Date: 9/8/2011	<input type="checkbox"/> Report of Work Done Date Work Completed: _____
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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 Date: 09/01/11 Email: ckeister@qrinc.com  
Print Name: Cindy Keister Title: Director Regulatory Affairs

COGCC Approved: [Signature] Title: EIT3 Date: 9/1/2011  
CONDITIONS OF APPROVAL, IF ANY:

APD

QUICKSILVER RESOURCES INC.  
HORSE GULCH FEDERAL 13-12  
API #05-081-07672

1200

String	Depth	Hole Size	Casing Size	Weight	Grade	Thread Type	New	Burst	Collapse
Surface	3400	12 1/4	9 5/8	36#/ft	J-55	LTC	New	9190	8830
Production	7400	8 3/4	5 1/2	20#/ft	L-80	LTC	New	3520	2020

delete INT

Cement Information

Surface	Type and Amount	yield	density	volume	additives
Cemented with 2 stages					
Stage 1 (1200-3400)	475 sks lead class c	2.24 ft <sup>3</sup> /sk	12.3 lb/gal	1064 ft <sup>3</sup>	.125 lb/sk poly e flake
	195 sks tail class c	1.72 ft <sup>3</sup> /sk	13.5 lb/gal	335 ft <sup>3</sup>	.125 lb/sk poly e flake
Stage 2 (0-1200)	195 sks lead class c	2.24 ft <sup>3</sup> /sk	12.3 lb/gal	437 ft <sup>3</sup>	.125 lb/sk poly e flake
	185 sks tail class c	1.72 ft <sup>3</sup> /sk	13.5 lb/gal	318 ft <sup>3</sup>	.125 lb/sk poly e flake
Surface cemented interval is 0-3400 feet. Stage tool located at 1200 feet.					

670  
360

= 1050 SX

Production	Type and Amount	yield	density	volume	additives
Cemented with					
Cemented with	460 sks lead class a	2.22 ft <sup>3</sup> /sk	12.2 lb/gal	1021 ft <sup>3</sup>	.125 lb/sk poly e flake, .4% fluid loss control,
	340 sks tail class g	1.73 ft <sup>3</sup> /sk	13.5 lb/gal	588 ft <sup>3</sup>	.2% retarder, .5% fluid loss
Production cemented interval is 2000-7400 feet.					

= 800 SX

REC  
SEP 01 2011  
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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.

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5. DESCRIBE PROPOSED OR COMPLETED OPERATIONS

In reference to your conversation with Ryan Hord this morning, Quicksilver is requesting to amend the cementing and casing procedures approved on the APD as shown on the attachment. If there are problems when drilling the well, Quicksilver will use the original casing and cementing procedures approved in the APD.