

State of Colorado
Oil and Gas Conservation Commission

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



DOCUMENT
#2216516

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
10/14/2011

1. OGCC Operator Number: 10255		4. Contact Name		Complete the Attachment Checklist OP OGCC
2. Name of Operator: Quicksilver Resources Inc.		Todd Hutson - Environmental Manager		
3. Address: 801 Cherry Street, Suite 3700, Unit 19 City: Fort Worth State: TX Zip: 76102		Phone: 817-422-2883 Fax: 817-665-4191		
5. API Number 05- 081-07679-00		OGCC Facility ID Number 425419		Survey Plat
6. Well/Facility Name: Bret Grandbouche		7. Well/Facility Number 24-02H		Directional Survey
8. Location (Qtr/Sec, Twp, Rng, Meridian): SE/4 SW/4 Section 2, T6N, R92W, 6th Meridian				Surface Equipmt Diagram
9. County: Moffat		10. Field Name: Wildcat		Technical Info Page
11. Federal, Indian or State Lease Number:				Other Lab Results

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:		attach directional survey

Bottomhole location 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 _____

☐ CHANGE SPACING UNIT
Formation _____ Formation Code _____ Spacing order number _____ Unit Acreage _____ Unit configuration _____

☐ Remove from surface bond
Signed surface use agreement attached

☐ CHANGE OF OPERATOR (prior to drilling):
Effective Date: _____
Plugging Bond: ☐ Blanket ☐ Individual

☐ CHANGE WELL NAME
From: _____ NUMBER _____
To: _____
Effective Date: _____

☐ ABANDONED LOCATION:
Was location ever built? ☐ Yes ☐ No
Is site ready for inspection? ☐ Yes ☐ No
Date Ready for Inspection: _____

☐ NOTICE OF CONTINUED SHUT IN STATUS
Date well shut in or temporarily abandoned: _____
Has Production Equipment been removed from site? ☐ Yes ☐ No
MIT required if shut in longer than two years. Date of last MIT _____

☐ SPUD DATE: _____

☐ REQUEST FOR CONFIDENTIAL STATUS (6 mos from date casing set)

☐ 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

☐ Notice of Intent
Approximate Start Date: _____

☐ Report of Work Done
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 checked="" 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 type="checkbox"/> Casing/Cementing Program Change	<input checked="" type="checkbox"/> Other: Background	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: Todd Hutson Date: 10/14/2011 Email: thutson@qrrinc.com
Print Name: Todd Hutson Title: Environmental Manager

COGCC Approved: _____ Title: _____ Date: _____
CONDITIONS OF APPROVAL, IF ANY: _____

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

1. OGCC Operator Number: 10255 API Number: 05-081-07672-00
2. Name of Operator: Quicksilver Resources Inc. OGCC Facility ID #
3. Well/Facility Name: Bret Grandbouche Well/Facility Number: 24-02H
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): SE/4 SW/4 Section 2, T6N, R92W, 6th Meridian

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

This COGCC Form 4 is being submitted as a request to meet the background concentration levels for arsenic at the Bret Grandbouche 24-02H pad in accordance with footnote 1 to the COGCC table 910-1.

The request is based on the analytical results presented below (see attached laboratory report).

The cuttings contained in the pit were generated from the surface hole drilling using a water-based drilling mud. One composite sample was collected from six separate locations within the pit to determine the arsenic concentration of the cuttings. The arsenic concentration was reported as 3.5 mg/kg. Additionally, pH was reported to be 12 units. The pit contents will be buried below three feet, pursuant to COGCC guidance. All other concentrations were reported to meet the COGCC table 910-1 criteria.

Three grab samples were collected from nearby, native soil to establish a background arsenic concentration. As the location is situated in an agricultural field, the samples were collected from disturbed, up-gradient areas. The background concentration was reported as 5.3, 4.7, and 4.1 mg/kg respectively.

Quicksilver is requesting this approval in order to proceed with closure and reclamation of the cuttings pit located at the Bret Grandbouche 24-02H pad.