

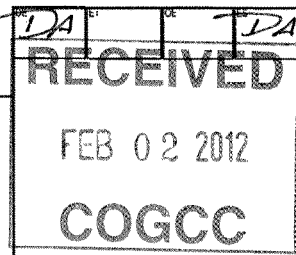


02055404

Page 1

FORM  
4  
Rev 12/05State 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.)

1. OGCC Operator Number: 10255	4. Contact Name: Cindy Keister	Complete the Attachment Checklist OP OGCC
2. Name of Operator: Quicksilver Resources Inc.	Phone: (817) 665-5572	
3. Address: 801 Cherry St., Suite 3700, Unit #19	Fax: (817) 665-5009	
City: Fort Worth State: TX Zip: 76102		
5. API Number 05-107-06241-00	OGCC Facility ID Number	Survey Plat
6. Well/Facility Name: Pirtlaw Partners Ltd	7. Well/Facility Number 14-03	Directional Survey
8. Location (Qtr/Qtr, Sec, Twp, Rng, Meridian): SW/4 SW/4 Section 3, T6N, R87W, 6th Meridian		Surface Eqpm Diagram
9. County: Routt	10. Field Name: Bear River	Technical Info Page X
11. Federal, Indian or State Lease Number: NA		Other

## 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:	<input type="checkbox"/> FNL/FSL <input type="checkbox"/> FEL/FWL
Change of Surface Footage to Exterior Section Lines:	<input type="checkbox"/> <input type="checkbox"/>
Change of Bottomhole Footage from Exterior Section Lines:	<input type="checkbox"/> <input type="checkbox"/>
Change of Bottomhole Footage to Exterior Section Lines:	<input type="checkbox"/> <input type="checkbox"/> attach directional survey
Bottomhole location Qtr/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	<input type="checkbox"/> Remove from surface bond
Formation	Signed surface use agreement attached
Formation Code	
Spacing order number	
Unit Acreage	
Unit configuration	
<input type="checkbox"/> CHANGE OF OPERATOR (prior to drilling):	<input type="checkbox"/> CHANGE WELL NAME
Effective Date:	From:
Plugging Bond: <input type="checkbox"/> Blanket <input type="checkbox"/> Individual	To:
	Effective Date:
<input type="checkbox"/> ABANDONED LOCATION:	<input type="checkbox"/> NOTICE OF CONTINUED SHUT IN STATUS
Was location ever built? <input type="checkbox"/> Yes <input type="checkbox"/> No	Date well shut in or temporarily abandoned:
Is site ready for inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No	Has Production Equipment been removed from site? <input type="checkbox"/> Yes <input type="checkbox"/> No
Date Ready for Inspection:	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	
*submit cbl and cement job summaries	
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	
<input type="checkbox"/> Final reclamation is completed and site is ready for inspection.	

## Technical Engineering/Environmental Notice

<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Report of Work Done
Approximate Start Date: 02/04/2012	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 checked="" type="checkbox"/> Request to Vent or Flare
<input type="checkbox"/> Change Drilling Plans	<input type="checkbox"/> Repair Well
<input type="checkbox"/> Gross Interval Changed?	<input type="checkbox"/> Rule 502 variance requested
<input type="checkbox"/> Casing/Cementing Program Change	<input type="checkbox"/> 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:

Print Name: Cindy Keister

Date: 02/02/2012

Email: ckeister@qrcinc.com

Title: Director Regulatory Affairs

COGCC Approved:

Title: PE II

Date: 2/9/2012

CONDITIONS OF APPROVAL, IF ANY:

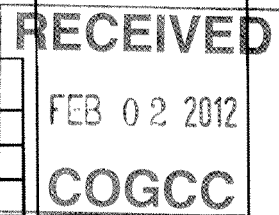
1) Comply with all requirements of Rule 912, including monthly reporting of flared volumes (on Form 7) and notifications to local emergency dispatch or the local government designee. 2) Submit annual updates (requests to flare) to COGCC on Form 4's (Sundry Notices), which discuss whether or not any new gathering systems or increased development of the field have changed pipeline economics such that installation of a new pipeline would be an economically viable option in lieu of continued flaring. 3) Comply with any Colorado Department of Public Health and Environment, Air Quality Control Division rules or requirements for all atmospheric discharges.



TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY



1. OGCC Operator Number:	10255	API Number:	05-107-06241-00
2. Name of Operator:	Quicksilver Resources Inc.	OGCC Facility ID #	
3. Well/Facility Name:	Pirtlaw Partners Ltd	Well/Facility Number:	14-03
4. Location (QtrQtr, Sec, Twp, Rng, Meridian):	SW/4 SW/4 Section 3, T6N, R87W, 6th P.M.		

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

Attached is a economic evaluation for selling the gas currently flared at the Pirtlaw 14-03, based on the following criteria:

Initial production = 285 Mcfd (after Butane Recovery from frac)  
Capital cost = \$13,285,200  
Gas price = \$2.50/Mcf  
Severance tax = 0%  
Operating cost = \$0

The project will not payout during the life of the well based on a 25 year analysis and the undiscounted loss on the investment is \$-12,079,876 after 25 years.

Tie-in location is the North Fork 43-12 facility in NE-SE-12-7N-93W. Estimated pipeline length is 178,034 feet (33.7 miles).

The gas volume reported during the current post completion productivity flow test is gas to flare, which is used in the economic evaluation. Treater usage and pumping unit engine usage, which are not currently measured, are estimated to be 4.8 Mcfd and 5.8 Mcfd respectively.

QUICKSILVER RESOURCES INC.  
Pirtlaw Partners Ltd 14-03  
API No. 107-06241-00  
Routt County, Colorado

RECEIVED  
FEB 02 2012  
COGCC

Reserves and Economics (Gas)								
Year	Gross Gas Mcf	Net Gas Mcf	Price \$/Mcf	Net Sales Annual, \$	Op Cost, \$	Cap Cost, \$	UNDISC, \$	Cum UNDISC, \$
2012	97,118	67,133	2.50	167,832	0	13,285,200	-13,117,368	-13,117,368
2013	79,930	55,252	2.50	138,129	0		138,129	-12,979,239
2014	65,784	45,473	2.50	113,683	0		113,683	-12,865,556
2015	54,142	37,426	2.50	93,564	0		93,564	-12,771,992
2016	46,581	32,199	2.50	80,498	0		80,498	-12,691,494
2017	41,691	28,819	2.50	72,047	0		72,047	-12,619,447
2018	37,314	25,793	2.50	64,483	0		64,483	-12,554,964
2019	33,397	23,086	2.50	57,714	0		57,714	-12,497,249
2020	29,891	20,662	2.50	51,655	0		51,655	-12,445,594
2021	26,753	18,493	2.50	46,233	0		46,233	-12,399,361
2022	23,944	16,551	2.50	41,378	0		41,378	-12,357,983
2023	21,431	14,814	2.50	37,035	0		37,035	-12,320,948
2024	19,181	13,259	2.50	33,147	0		33,147	-12,287,801
2025	17,167	11,867	2.50	29,667	0		29,667	-12,258,134
2026	15,365	10,621	2.50	26,553	0		26,553	-12,231,581
2027	13,752	9,506	2.50	23,765	0		23,765	-12,207,816
2028	12,308	8,508	2.50	21,270	0		21,270	-12,186,546
2029	11,016	7,615	2.50	19,037	0		19,037	-12,167,509
2030	9,860	6,816	2.50	17,039	0		17,039	-12,150,470
2031	8,825	6,100	2.50	15,251	0		15,251	-12,135,219
2032	7,898	5,459	2.50	13,649	0		13,649	-12,121,571
2033	7,069	4,886	2.50	12,216	0		12,216	-12,109,354
2034	6,327	4,374	2.50	10,934	0		10,934	-12,098,421
2035	5,663	3,915	2.50	9,786	0		9,786	-12,088,634
2036	5,068	3,503	2.50	8,758	0		8,758	-12,079,876
Total	697,475	482,130		1,205,324				

W.I. 1.000000  
N.R.I. 0.691250  
Tax 0.000000  
Gross Cost \$13,285,200

PRECISION MEASUREMENT, INC.  
P.O.Box 3859  
745 North Circle Drive  
Casper, WY. 82602

1/30/2012 7:27 AM  
Phone: 307-237-9327  
800-624-7260  
Fax: 307-577-4139  
E Mail: pmi@tribcsp.com

GAS ANALYSIS REPORT

Analysis For: QUICKSILVER RESOURCES  
Field Name:  
Well Name: PIRTLAW PARTNERS LTD 14-03  
Station Number:  
Purpose: SPOT CHECK  
Sample Deg. F: 100  
Volume/Day:  
Formation:  
Line PSIG: 21  
Line PSIA:

Run No: 7895-1  
Date Run: 1/25/12  
Date Sampled: 1/16/12  
Producer:  
County: ROUTT  
State: CO  
Sampled By: S.L.  
Atmos Deg. F: 36



GAS COMPONENTS  
MOL% Gal/Mcf

Carbon Dioxide	C02:	1.9533	
Nitrogen	N2:	0.9653	
Hydrogen Sulfide	H2s:	0.0000	
Methane	C1:	67.8116	
Ethane	C2:	7.7479	2.0674
Propane	C3:	6.3344	1.7414
Iso-Butane	IC4:	4.1473	1.3536
Nor-Butane	NC4:	8.1015	2.5484
Iso-Pentane	IC5:	0.6806	0.2486
Nor-Pentane	NC5:	0.6537	0.2362
Cyclopentane		0.0000	0.0000
n-Hexane		0.2456	
Cyclohexane		0.1588	
Other Hexanes		0.4821	
Heptanes		0.4697	
Methylcyclohexane		0.0000	
2,2,4 Trimethylpentane		0.0014	
Benzene		0.0305	
Toluene		0	
Ethylbenzene		0	
Xylenes		0	
Octanes		0.1186	
Nonanes		0.0974	
Decanes		0	
		100.000	8.1956

Pressure Base: 14.7300  
Real BTU Dry: 1444.6443  
Real BTU Wet: 1419.5075  
Calc. Ideal Gravity: 0.8706  
Calc. Real Gravity: 0.8747  
Field Gravity:  
Standard Pressure: 14.6960  
BTU Dry: 1441.3292  
BTU Wet: 1416.2501  
Z Factor: 0.9949  
Avg Mol Weight: 25.2143  
Avg CuFt/Gal: 51.5520  
Ethane+ Gal/Mcf: 8.1956  
Propane+ Gal/Mcf: 6.1282  
Butane+ Gal/Mcf: 4.3868  
Pentane+ Gal/Mcf: 0.4848

Analysis By: EVELYN SWANSON  
Approved By:

Remarks: