



OGMCOAL DNR <ogmcoal@utah.gov>

March 2014 Information from Crandall Canyon Mine

2 messages

Leonard, JD <jleonard@coalsource.com>

Wed, Apr 30, 2014 at 10:56 AM

To: Steve Christensen <stevechristensen@utah.gov>

Cc: "ogmcoal@utah.gov" <ogmcoal@utah.gov>, "Hibbs, David" <dhibbs@coalsource.com>

Hi Steve,

Attached is March's Monthly information for the Crandall Canyon Mine. If you have any questions or need additional information please contact me.

Thank You,

JD Leonard

Engineer Tech

Utah American Energy, Inc.

West Ridge Mine, Inc.

(435)888-4000

2 attachments

 **Steve Christensen Crandall 2014.xlsx**
26K

 **March 2014 Polymer.pdf**
74K

Steve Christensen <stevechristensen@utah.gov>

Wed, Apr 30, 2014 at 2:38 PM

To: "Leonard, JD" <jleonard@coalsource.com>

Cc: "ogmcoal@utah.gov" <ogmcoal@utah.gov>, "Hibbs, David" <dhibbs@coalsource.com>

Thanks JD.

[Quoted text hidden]

Steve Christensen
Utah Division of Oil, Gas and Mining
1594 W North Temple, Suite 1210
Salt Lake City, Utah 84116
[\(801\) 538-5350](tel:8015385350)
stevechristensen@utah.gov



Analysis Report

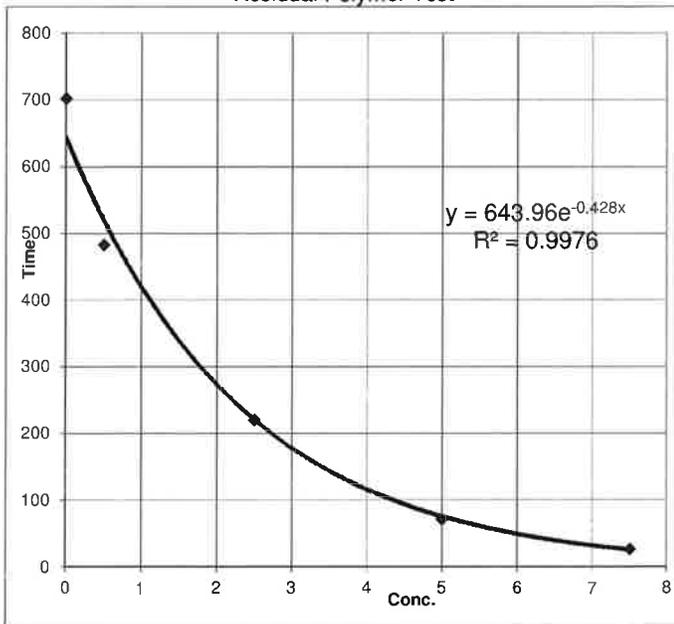
Genwal Resources Inc.
794 "C" Canyon Road
East Carbon, UT 84520

Client Sample ID: Polymer Test
Date Sampled: 3/31/2014
Date Received: 4/1/2014
Product Description:
Sample Taken At: Genwal Mine
Sample Taken By: JD
Time Received: 1257
Time Sampled: 1600

Coagulant (1mg/l) and Flocculent

Exponent	INTERCEPT	
-0.428	643.960000	
Standards	Time	Conc. Mg/l
BLANK	703	0
1	483	0.5
2	220	2.5
3	72	5
4	27	7.5

Residual Polymer Test



Residual Polymer (based on 1 mg/l Coagulant)

Sample #	mL of Sample	Time	Conc. Mg/l
1423726-001	45	609	0.13

Comments: Customer supplied method
Flocculent Date: 6/24/2013

ND = none detect (<0 mg/l)

Domenic Ibanez
Water Lab Supervisor

SGS North America Inc.

Minerals Services
P.O. Box 1020 Huntington, UT 84528

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