

⑤ Dennis Guist, Ed Pletcher,
Josh Falls, Paul Gotkub

ATTACHMENT B

SURFACE OWNER APPROVAL

PLSS Location: _____

Address: _____

The owner or authorized agent of the referenced property located in the _____, Colorado, onto which Ward Petroleum proposes to apply water based bentonitic drilling fluids and associated drill cuttings, authorizes the application of the drilling fluids onto the referenced property. The surface owner is fully aware and understands COGCC land application requirements as outlined in this plan, and formally stated in COGCC Regulation 907 d. (3) B. The property owner hereby authorizes Ward Petroleum to commence land treatment applications on said property until subsequent written agreement has been completed terminating this authorization.

Alvin Dechant

Date: 6-11-14

Property owner or authorized agent Signature

Alvin Dechant Jr

Property owner Printed Name

Subject Property:
COGCC Facility ID:
SE 1/4, SE 1/4, Sec 36, T3N, R65W
Weld County Rd 49
Weld County, Hudson, Colorado

Exploration & Production Waste Management Plan
Land Application & Incorporation of Water-Based Bentonitic Drilling Fluids
& Associated Drill Cuttings
Ward Petroleum (Sharp 24-3-11HC Well)

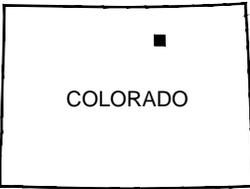
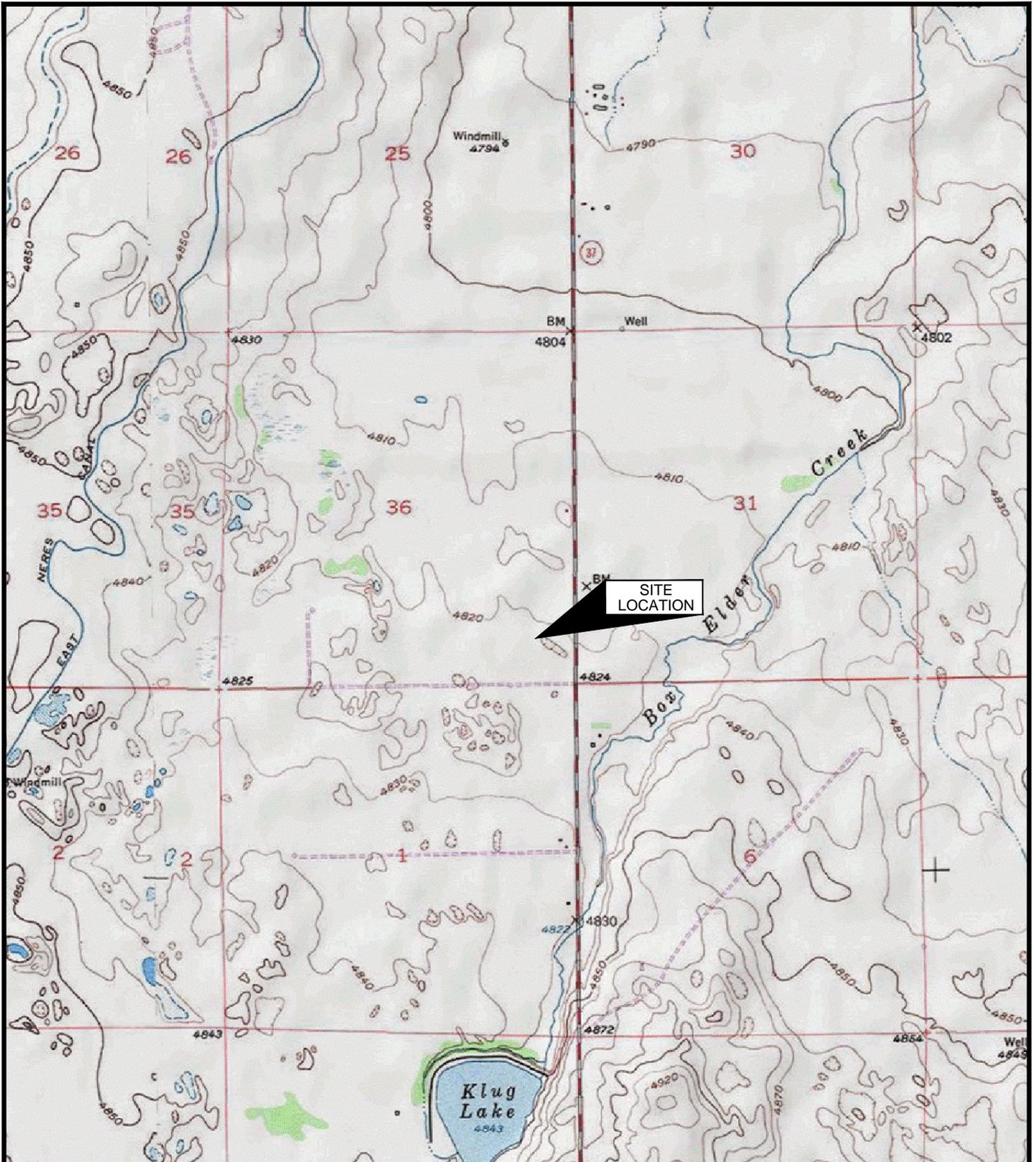
FIGURES

Figure 1: Topographic Map

Figure 2: Aerial Site Conditions Map

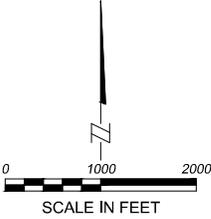
Attachments

Attachment 1: eAnalytics Baseline Test Report



COLORADO

■ QUADRANGLE LOCATION



SCALE IN FEET

FIGURE 1
SITE LOCATION MAP

DECHANT PROPERTY - 3 (WARD PETROLEUM))
SE 1/4, SE 1/4, Sec. 36, T3N, R65W
FORT LUPTON, COLORADO

PROJECT:
1-12556-14613aa
DATE:
6/5/2014

DRAFT:
MSP
REVIEW:





FIGURE 2
SITE DETAILS

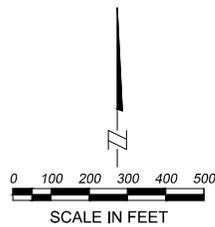
DECHANT PROPERTY - 3 (WARD PETROLEUM))
SE 1/4, SE 1/4, Sec. 36, T3N, R65W
FORT LUPTON, COLORADO

PROJECT:
1-12556-14613aa

DRAFT:
MSP

DATE:
6/5/2014

REVIEW:



Test Report

eANALYTICS LABORATORY

May 15, 2014

Client: CGRS

Project: 1-12556-14573aa

Lab ID: 1358

Date Samples Received: 5/9/2014

Number of Samples: 1

Sample Condition: Samples arrived intact and in appropriate sample containers

Sample Temperature: Within acceptable range of 2-6° C, or as specified in EPA Method

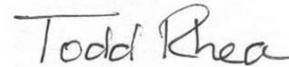
The quality control procedures associated with the requested analyses were satisfactorily passed before the samples were run.

Thank you for allowing eAnalytics Laboratory to provide laboratory services for you.

Sincerely,



Christopher Dieken
Quality Assurance Manager



Todd Rhea
Laboratory Manager

eAnalytics Laboratory

1767 Rocky Mountain Avenue Loveland CO 80538

Chain of Custody

eANALYTICS

LABORATORY

Chain of Custody Form

eANALYTICS LABORATORY			ANALYSIS INFORMATION (Select analysis by checking box on corresponding sample line)																				
1767 Rocky Mountain Avenue Loveland CO 80538			Phone: (970) 667-6975			Fax: (970) 669-0941			www.eAnalyticsLab.com														
CLIENT INFORMATION (*New Clients please fill out completely)			ANALYSIS INFORMATION (Select analysis by checking box on corresponding sample line)																				
Company: CGRS			Number of Containers	Matrix (S) Soil (W) Water (V) Vapor (O) Other	BTEX / MTBE / TVPH (EPA 8260)	TEPH (EPA 8015)	Vapor BTEX / TVPH (EPA TO-14)	Full VOC (EPA 8260)	Semi-Volatiles (Full List / PAH's)	TRPH / Oil & Grease	RCRA 8 Metals (Total / TCLP / Dissolved)	React. / Ignit. / Corrosivity / Paint Filter	pH / TSS / TDS	Metals (Specify)	PCBs / Pesticides / Herbicides	Anions (Specify)	Other Analysis						
Project: 1-12556-14573aa																	Table 910	BTEX	EC 15AR / pH	TABLE 910 METALS			
Project Manager: Craig Mulica																							
Sampler:																							
Phone/Email: (970) 493-7780																							
Address: 1301 Academy Court Fort Collins, CO 80524																							
Lab ID	Sample Name	Sampling Date/Time																					
	Dechant Mud Farm CR 49 & 30 SIS, West into	5/9/14 AM/PM	19																				
	1 Composite																		X				
Comments:																							
Turnaround Time (Business Days) TAT begins when sample is received by eANALYTICS <input checked="" type="radio"/> Normal (5-10 Days) <input type="radio"/> 3 Day (25%) <input type="radio"/> 2 Day (50%) <input type="radio"/> 1 Day (100%) <input type="radio"/> Same Day (300%) Rush analysis requires an extra charge. If possible please inform eANALYTICS in advance for rush analysis.			Record of Custody Relinquished by: <i>Shad Martin</i> Date _____ Company: _____ Time _____ AM / PM Received by: _____ Date _____ Company: _____ Time _____ AM / PM Relinquished by: _____ Date _____ Company: _____ Time _____ AM / PM Received by: <i>Oliver W...</i> Date <i>5/9/14</i> Company: eANALYTICS Time <i>1:20</i> AM / PM																				
Colorado OPS Project : Yes / No For eANALYTICS Use Samples Received Intact: <input checked="" type="radio"/> Yes / No Received Within Temperature Range (2-6°C) Yes / No Sample Preservative: Ice / None Acid / Other																							

WO # 1358

eANALYTICS: Environmental testing made Easy

Page ___ of ___

eAnalytics Laboratory

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Client: CGRS Lab ID: 1358
 Project: 1-12556-14573aa
 Analysis: Volatile Organics Method: EPA8260

Sample Name	Benzene mg/kg	Toluene mg/kg	Ethyl- benzene mg/kg	Total Xylenes mg/kg	Date Sampled	Date Analyzed	Lab ID
Composite	< 0.01	< 0.01	< 0.01	< 0.01	05/09/14	05/12/14	1358 1



Client: CGRS Lab ID: 1358

Project: 1-12556-14573aa

Analysis: pH Method: EPA9045D
EC USDA 60 (3)
SAR USDA 60 (20B)

Sample Name	pH	EC	SAR	Date	Date	Lab ID
	su	mmhos/cm	ratio	Sampled	Analyzed	
Composite	7.0	0.636	0.22	05/09/14	05/12/14	1358 1



Client: CGRS Lab ID: 1358
 Project: 1-12556-14573aa
 Analysis: Table 910 metals Method: EPA6010/7196/7471

Sample Name	As mg/kg	Ba mg/kg	B (HWS) mg/L	Cd mg/kg	Cr (III) mg/kg	Cr (VI) mg/kg	Cu mg/kg	Pb mg/kg	Date Sampled	Date Analyzed	Lab ID
Composite	1.81	51.6	< 1.2	< 0.50	2.65	< 15	26.4	6.28	05/09/14	05/13/14	1358 1



Client: CGRS Lab ID: 1358
 Project: 1-12556-14573aa
 Analysis: Table 910 metals Method: EPA6010/7196/7471

Sample Name	Hg mg/kg	Ni mg/kg	Se mg/kg	Ag mg/kg	Zn mg/kg	Date Sampled	Date Analyzed	Lab ID
Composite	< 5.0	1.94	< 0.80	< 0.50	35.2	05/09/14	05/13/14	1358 1



Client: CGRS Lab ID: 1358
 Project: 1-12556-14573aa Method: EPA8260

Sample Name	Dibromo- fluoromethane % Recovery	1,2 Dichloro- ethane-D4 % Recovery	Toluene-D8 % Recovery	Bromo- fluorobenzene % Recovery	Date Sampled	Date Analyzed	Lab ID
Composite	104	102	92	103	05/09/14	05/12/14	1358 1



Client: CGRS Lab ID: 1358
 Project: 1-12556-14573aa
 Analysis: Volatile Organics Method: EPA8260

Sample Name	Benzene % Rec	Toluene % Rec	Ethyl- benzene % Rec	Total Xylenes % Rec	Date Analyzed	Lab ID
Laboratory Control Sample (70-130%)	90	91	93	99	05/12/14	LCS 1358 1
Method Blank	< 0.01	< 0.01	< 0.01	< 0.01	05/12/14	MB 1358 1
	mg/kg	mg/kg	mg/kg	mg/kg		

eAnalytics Laboratory

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