

ANALYTICAL SUMMARY TABLES

**TABLE 1
REYNOLDS CATTLE COMPANY GU 1
SOIL SAMPLE RESULTS SUMMARY TABLE
KERR-McGEE OIL AND GAS ONSHORE LP**

Sample ID	Date Sampled	Depth (feet bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	TVPH - GRO (mg/kg)	TEPH - DRO + ORO (mg/kg)
COGCC standards for soil (mg/kg) ⁽¹⁾			0.17	85	100	175	500	
N01 @ 5.5	5/21/2014	5.5	<0.01	<0.01	<0.01	<0.01	<50	<50
E01 @ 5.5	5/21/2014	5.5	<0.01	<0.01	<0.01	<0.01	<50	<50
S01 @ 5.5	5/21/2014	5.5	<0.01	<0.01	<0.01	<0.01	<50	<50
W01 @ 5.5	5/21/2014	5.5	<0.01	0.020	<0.01	0.029	<50	71.1

Notes:

1. Standards for soil are taken from 2 CCR 404-1, Table 910-1, effective February 1, 2014.

COGCC = Colorado Oil and Gas Conservation Commission

(<) = Analytical result is less than the indicated laboratory reporting limit.

TVPH - GRO = Total volatile petroleum hydrocarbons - gasoline range organics

TEPH - DRO = Total extractable petroleum hydrocarbons - diesel range organics

TEPH - ORO = Total extractable petroleum hydrocarbons - oil range organics

mg/kg = Milligrams per kilogram.

bgs = Below ground surface.

 = Analytical result is in exceedance of COGCC Table 910-1 soil standards.

TABLE 2
REYNOLDS CATTLE COMPANY GU 1
GROUNDWATER SAMPLE RESULTS SUMMARY TABLE
KERR-McGEE OIL AND GAS ONSHORE LP

Sample ID	Date Sampled	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
CGWQS (ug/L) ⁽¹⁾		5	560	700	1,400
GW01	5/21/2014	67.0	4.29	33.4	19.1

Notes:

1. CGWQS = Colorado Groundwater Quality Standards

(<) = Analytical result is less than the indicated laboratory reporting limit.

ug/L = Micrograms per liter

67.0 = Analytical result is in exceedance of CGWQS groundwater standards.

LABORATORY ANALYTICAL REPORT

Test Report

eANALYTICS LABORATORY

May 22, 2014

Client: Tasman Geosciences / Anadarko
Project: Reynolds Cattle Company GV1
Lab ID: 1428
Date Samples Received: 5/21/2014
Number of Samples: 5
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

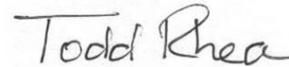
The quality control procedures associated with the requested analyses were satisfactorily passed before the samples were run.

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 Fo

eANALYTICS LABORATORY
 1767 Rocky Mountain Avenue Loveland CO 80538 | Phone: (970) 667-6975 | Fax: (970) 669-0941 | www.eAnalyticsLab.com

CLIENT INFORMATION <small>(*New Clients please fill out completely)</small>			ANALYSIS INFORMATION <small>(Select analysis by checking box on corresponding sample line)</small>																
Company: Tasman Geosciences / Anadarko			Number of Containers	Matrix(S) Soil (W) Water (V) Vapor (O) Other	BTEX (EPA 8260)	BTEX/GRO (EPA 8260)	DRO/ORO (EPA 8015)	TPH-GRO/DRO/ORO (EPA 8260/8015)	SAR (US Dept of Ag Method 20B)	EC (US Dept of Ag Method 3)	pH (EPA 9045D)	Other Analysis							
Project: Reynolds Cattle Company Env 1																			
Project Manager: Paul Schneider / Phil Hamlin																			
Sampler: Christine Wasko																			
Phone/Email: 720-409-8791 / cwasko@tasman-geo.com																			
Address: 6899 Pecos Street, Unit C Denver, CO 80221																			
Lab ID	Sample Name	Sampling Date/Time																	
1	NO1 @ S.S	5/21/14 1300 AM/PM	1	S		X	X												
2	EA @ S.S	5/21/14 1310 AM/PM	↓	↓		↓	↓												
3	SO1 @ S.S	5/21/14 1305 AM/PM	↓	↓		↓	↓												
4	WO1 @ S.S	5/21/14 1400 AM/PM	↓	↓		↓	↓												
5	AWO1	5/21/14 1330 AM/PM	3	N	X														

Comments: By Tamphax

Turnaround Time (Business Days)
TAT begins when sample is received by eANALYTICS

Normal (5-10 Days)
 3 Day (1.25x)
 1 Day (2x)
 Same Day (3x)
 Next Bus. Morning (APC Pricing)

For eANALYTICS Use

Samples Received Intact: Yes / No
 Received Within Temperature Range (2-6°C): Yes / No
 Sample Preservative: None / Acid / Other

Record of Custody

Relinquished by: *[Signature]* Date: 5/21/14
 Company: tasman Time: 1430 AM/PM

Received by: _____ Date: _____
 Company: _____ Time: _____

Relinquished by: _____ Date: _____
 Company: _____ Time: _____

Received by: *[Signature]* Date: 5/21/14
 Company: eANALYTICS Time: 1430 AM/PM

WO # 8551711
11170

eANALYTICS: Environmental testing made Easy

Page 1 of 1

eAnalytics Laboratory

1767 Rocky Mountain Avenue Loveland CO 80538



Client: Tasman Geosciences / Anadarko Lab ID: 1428

Project: Reynolds Cattle Company GV1

Analysis: Volatile Organics Method: EPA8260
TPH EPA8260/8015

Sample Name	Benzene mg/kg	Toluene mg/kg	Ethyl- benzene mg/kg	Total Xylenes mg/kg	TPH	TPH	TPH	Date Sampled	Date Analyzed	Lab ID
					GRO C6-C10 mg/kg	DRO C10-C28 mg/kg	ORO C28-C36 mg/kg			
N01 @ 5.5	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	< 50	05/21/14	05/21/14	1428 1
E01 @ 5.5	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	< 50	05/21/14	05/21/14	1428 2
S01 @ 5.5	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	< 50	05/21/14	05/21/14	1428 3
W01 @ 5.5	< 0.01	0.020	< 0.01	0.029	< 50	71.1	< 50	05/21/14	05/21/14	1428 4



Client: Tasman Geosciences / Anadarko Lab ID: 1428
 Project: Reynolds Cattle Company GV1 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
N01 @ 5.5	101	109	110	100	05/21/14	05/21/14	1428 1
E01 @ 5.5	97	97	92	104	05/21/14	05/21/14	1428 2
S01 @ 5.5	98	92	100	103	05/21/14	05/21/14	1428 3
W01 @ 5.5	99	107	93	97	05/21/14	05/21/14	1428 4

eAnalytics Laboratory

1767 Rocky Mountain Avenue Loveland CO 80538



Client: Tasman Geosciences / Anadarko Lab ID: 1428
 Project: Reynolds Cattle Company GV1 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
GW01	101	108	92	99	05/21/14	05/21/14	1428 5

eANALYTICS
LABORATORY

Client: Tasman Geosciences / Anadarko Lab ID: 1428

Project: Reynolds Cattle Company GV1

Analysis: Volatile Organics Method: EPA8260
TPH EPA8260/8015

Sample Name	Benzene % Rec	Toluene % Rec	Ethyl- benzene % Rec	Total Xylenes % Rec	TPH GRO C6-C10 % Rec	TPH DRO C10-C28 % Rec	TPH ORO C28-C36 % Rec	Date Analyzed	Lab ID
Laboratory Control Sample (70-130%)	91	100	92	97	101	95	97	05/21/14	LCS 1428 1
Method Blank	< 0.01 mg/kg	< 0.01 mg/kg	< 0.01 mg/kg	< 0.01 mg/kg	< 50 mg/kg	< 50 mg/kg	< 50 mg/kg	05/21/14	MB 1428 1

eAnalytics Laboratory

1767 Rocky Mountain Avenue Loveland CO 80538

