Released to Imaging: 11/10/2022 12:36:28 PM



November 2, 2017

Mike Bratcher Oil Conservation Division, District II 811 S First St. Artesia, NM 88210

Henryetta Price Bureau of Land Management 620 E. Green St. Carlsbad, NM 88220

Re: Closure Letter

ADMIRAL FEDERAL COM #002H (2RP-3986)

API#: 30-015-42820

Unit Letter O, Section 28, Township 25S, Range 29E

Eddy County, NM

Mr. Bratcher / Ms. Price,

COG Operating, LLC (COG), is pleased to submit for your consideration the following closure request for the ADMIRAL FEDERAL COM #002H. This request is in response to an oil release that occurred on November 6, 2016. A C-141 initial report was submitted to the New Mexico Oil Conservation Division (NMOCD) on November 11, 2016.

### **BACKGROUND**

On November 16, 2016, the dump valve on the inlet separator failed causing oil to go to the flare. This event resulted in the release of twenty (20) barrels of oil. Vacuum trucks were dispatched and recovered fifteen (15) barrels of oil for a total net loss of five (5) bbls of oil. The release remained on the well pad location and a light overspray impacted the reclaimed portion of the location. After the free standing fluids were recovered, a crew performed a surface scrape of the impacted areas on the location. The impacted material was then hauled to a New Mexico Oil Conservation Division (NMOCD) approved disposal facility.

### SOIL ASSESSMENT

On December 13, 2016, COG personnel were on site to evaluate and sample the release area. Seven (7) sample trenches were installed in the release area at various depths below ground surface (BGS). Referring to the attached table, all of the samples collected showed benzene and total BTEX concentrations below the laboratory reporting limit. Additionally, none of the samples showed significant chloride impact.

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### GOUNDWATER AND SITE RANKING

A groundwater database maintained by the New Mexico of the State of Engineer (NMOSE) did not identify and registered water wells in Section 28, Township 25S, Range 29E. The Chevron Texaco Groundwater Trend Map utilized by the NMOCD Artesia District Office, indicates depth to groundwater is approximately 125 feet bgs. No water wells or surface water was observed within 1,000 feet of the release site. Based on the NMOCD ranking criteria, the release area would be classified at a site ranking of zero (0).

### WORKPLAN

Based on the information provided, COG Operating, LLC has found no impact from the release and would like to submit the enclosed documents for closure of this site. A signed C-141 Final is enclosed for your consideration.

Please feel free to contact me with any questions or concerns at (575) 746-2010.

Sincerely,

Dakota Neel

**HSE Coordinator** 

dneel2@conchol.com

SAN

### Enclosed:

- (1) Site Diagram
- (2) Analytical Results
- (3) C-141 Initial (Copy)
- (4) C-141 Final

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		leral COM B W per CTM:			
		O-28-25S-29			
Sample ID	Date	Chloride mg/Kg	Benzene mg/Kg	BTEX mg/Kg	TPI mg/
			10	50	5,0
1 - 2 1 1					7,0
T1 - Surface	12/13/2016	48.0	<0.050	<0.300	<10
T1 - 1'	12/13/2016	32.0	-	-	
T1 - 2'	12/13/2016	32.0			-
T1 - 3'	12/13/2016	48.0	-		-
T1 - 4'	12/13/2016	192		-	-
.T1 - 5'	12/13/2016	256	-	-	
T1 - 7'	12/13/2016	208		-	-
T1 - 8'	12/13/2016	160	-		
					1
T2 - Surface	12/13/2016	128	<0.050	<0.300	<10
T2 - 1'	12/13/2016	64.0	-		-
T2 - 2'	12/13/2016	224	1 - 1	-	-
T2 - 3'	12/13/2016	176	-	-	-
T2 - 4'	12/13/2016	96.0	-	-	-
T2 - 5'	12/13/2016	256	-		-
T2 - 6'	12/13/2016	144	-	-	-
T2 - 8'	12/13/2016	240			-
T2 - 9'	12/13/2016	256	-	-	_
T2 - 10'	12/13/2016	304	-		-
T3 - Surface	12/13/2016	288	<0.050	<0.300	12
T3 - 1'	12/13/2016	32.0	-	-	-
T3 - 2'	12/13/2016	128	-	-	-
			الاحتجاز		
T4 - Surface	12/13/2016	48.0	<0.050	<0.300	61.
T4 - 1'	12/13/2016	16.0	-	-	
T4 - 2'	12/13/2016	320	-		-
T4 - 4'	12/13/2016	304	- 1	-	-
T4 - 6'	12/13/2016	320	-	-	-
T5 - Surface	12/13/2016	256	<0.050	<0.300	1,0
T5 - 1'	12/13/2016	48.0		-	
T5 - 3'	12/13/2016	128	-	-	-
T5 - 4'	12/13/2016	208			
T6- Surface	12/13/2016	32.0	<0.050	<0.300	<10
T6 - 1'	12/13/2016	16.0	- 1		-
T6 - 2'	12/13/2016	<16.0		-	-
T6 - 4'	12/13/2016	<16.0	-	4 -	, -
		200	R	V	100
T7- Surface	12/13/2016	16.0	<0.050	<0.300	<10
T7 - 1'	12/13/2016	32.0			



### State of New Mexico Energy Minerals and Natural Resources

Revised August 8, 2011
Submit 1 Copy to appropriate District Office in

Form C-141

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

### **Release Notification and Corrective Action**

					OPERA'	ГOR	☐ Ini	ial Report	$\square$	Final Repor	
Name of Co	mpany: C	OG Operati	ng LLC		Contact: Ro	bert McNeill					
Address: 60	0 West Illi	nois Avenue	, Midlan	d TX 79701	Telephone No. 432-230-0077						
Facility Nar	ne: ADMI	RAL FEDE	RAL CO	M #002H	Facility Type: Battery						
Surface Ow	ner: Federa	ıl		Mineral Owner	: Federal		APIN	o. 30-015-4	2480		
				LOCATIO	ON OF RE	FASE					
Unit Letter	Section	Township	Range		th/South Line	Feet from the	East/West Line		Coun	tv	
0	28	25S	29E	190	South	1980	East		Edd		
				32.094046096 NATUR	62434,-103.98 E OF REL						
Type of Rele	ase: Oil	-		NATUR	Volume of		Volume	Recovered:			
					20 bbls of		15 bbls				
Source of Release: Valve Failure						lour of Occurrence		Hour of Dis	covery		
Was Immedia	nte Notice C	iven?			11/6/2016 If YES, To		11/6/20	16 8:00 AM			
rius minicun	ite Monte C		Yes 🛛	No 🛛 Not Require		Whom:					
By Whom?	- 11				Date and I						
Was a Water	course Reac		V N	Ma	If YES, Vo	lume Impacting t	he Watercourse.				
			Yes 🛛	No							
Describe Area This release of truck and mice	a Affected a occurred on roblaze was	applied to in	ction Take ocation an apacted ve		he reclaimed po	ortion of the pad.	Free standing flui	ds were remo	oved via	ı vacuum Analytical	
hereby certi- regulations alloublic health should their our the environ	fy that the in l operators a or the environ perations ha ment. In ac	re required to onment. The eve failed to a	report and acceptance dequately CD accept	is true and complete to d/or file certain release e of a C-141 report by t investigate and remedia ance of a C-141 report	notifications ar he NMOCD ma ate contamination	nd perform correct arked as "Final R on that pose a thre	tive actions for re eport" does not re eat to ground wate	leases which lieve the ope er, surface wa	may en rator of ater, hur	danger Tiability man health	
Signature:	1	- abox	n			OIL CON	SERVATION	DIVISIO	N		
rinted Name	: Dakota N				Approved by	Environmental S <sub>1</sub>	pecialist: As	hley W	laxu	rell	
itle: HSE Co	ordinator				Approval Dat	e: 11/10/20	22 Expiration	Date:			
E-mail Addre		concho.com			Conditions of	Approval:		Attached			
Date: Novem		TCNI		5-746-2010							
Attach Addit	ionai Shee	s If Necessa	ry								

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

### State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141
Revised August 8, 2011

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Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

				Ça	arent I c	c, 14141 012	00					
			Rele	ase Notific	atio	n and Co	rrective A	ction				
						<b>OPERA</b>	FOR	⊠ Ini	tial Report		Final Re	
Name of Co	отрапу: С	COG Operati	ng LLC			Contact: Robert McNeill						
		inois Avenue				Telephone No. 432-230-0077						
Facility Na	me: ADMI	RAL FEDE	RAL CON	и #002Н		Facility Typ	e: Battery			11	all and	
Surface Ow	mer: Feder	al		Mineral O	wner:	Federal		API	lo. 30-015-4	12820		
				LOCA	TIO	N OF REI	LEASE					
Unit Letter	Section	Township	Range	Feet from the		/South Line	Feet from the	East/West Line		Cour	ity	
0	28	25\$	29E	190		South	1980	East		Edd	у	
						434,-103.98 OF RELI						
Type of Rele	ase: Oil			Y 5		Volume of		Volume	Recovered:			
Source of Release: Valve Failure						20 bbls of		15 bbls				
source of Re	nease: Valv	e Fallure				Date and H	lour of Occurrence		d Hour of Dis	scovery	1	
Was Immedi	ate Notice (	Jiven?			- 1	If YES, To		1 170/20	16 8:00 AM			
			Yes 🗌	No 🛭 Not Re	quired							
By Whom?					11	Date and H	our:					
Was a Water	course Read		=		- 1	If YES, Volume Impacting the Watercourse.						
			Yes 🛛	No								
The release v	vas caused v	em and Remed when the dump ched to recove	valve on t	the inlet separator	r failed	causing oil to	go to the flare. T	he dump valve w	as replaced.	Vacuu	m trucks	
This release o was applied t	occurred on o impacted	vegetation and	ocation and I soil in the	en.* I overspray went pasture. Conche or approval prior	o will h	ave the spill s	ite sampled to det	vere removed via termine the impa	vacuum truci	k and n lease ar	nicroblaze nd we will	
egulations al public health should their c or the environ	II operators or the envir operations h nment. In a	are required to conment. The ave failed to a	report and acceptance dequately i CD accept	is true and completion file certain re of a C-141 report investigate and re ance of a C-141 m	lease no n by the mediate	otifications and NMOCD materials in the content of	d perform correct wked as "Final Re on that pose a thre	tive actions for re port" does not re at to ground wat	leases which lieve the oper er, surface wa	may er rator of iter, hu	ndanger Tiability man health	
Signature:	1	- abol	na		##		OIL CONS	SERVATION	DIVISIO	<u>N</u>		
rinted Name	:: Dakota N	/ccl			1	Approved by I	Environmental Sp	pecialist:				
itle: Enviror	nmental Coc	ordinator				Approval Date	:	Expiration	Date:			
-mail Addre	ss: dneel2@	concho.com				Conditions of	Approval:		Attached			
Inter Mouse	her 11 201	4	Dhone	575 749 6022								



December 20, 2016

**DAKOTA NEEL** 

**COG OPERATING** 

P. O. BOX 1630

ARTESIA, NM 88210

RE: ADMIRAL FED #2

Enclosed are the results of analyses for samples received by the laboratory on 12/14/16 15:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accredited analytes.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keene

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Received by OCD: 11/10/2022 12:33:14 PM

Lab Director/Quality Manager



### Analytical Results For:

COG OPERATING
DAKOTA NEEL
P. O. BOX 1630
ARTESIA NM, 88210
Fax To: NONE

Received: Reported: 12/14/2016 12/20/2016

Project Name: Project Number: Project Location: ADMIRAL FED #2 NONE GIVEN NOT GIVEN Sampling Date:

12/13/2016

Sampling Type:

Sampling Condition: Sample Received By: Soil Cool & Intact

Celey D. Keene

mple ID: T1 - SURFACE (H602805-01)

BTEX 8021B	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/16/2016	ND	2.08	104	2.00	0.242	
Toluene*	<0.050	0.050	12/16/2016	ND	2.14	107	2.00	0.405	
Ethylbenzene*	<0.050	0.050	12/16/2016	ND	2.09	104	2.00	0.356	
Total Xylenes*	<0.150	0.150	12/16/2016	ND	6.34	106	6.00	0.381	
Total BTEX	<0.300	0.300	12/16/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIE	119 %	73.6-14	0		IF.		18		
Chloride, SM4500Cl-B	mg/l	kg	Analyze	d By: AC					

Chloride, SM4500CI-B	mg/kg		Analyzed By: AC		And I				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/17/2016	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/16/2016	ND	199	99.5	200	3.62	
DRO >C10-C28	<10.0	10.0	12/16/2016	ND	207	104	200	8.84	

Surrogate: 1-Chlorooctane 84.8 %

35-147 28-171

Surrogate 1-Chlorooctadecane 93.8 %

### Sample ID: T1 - 1' (H602805-02)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					500.11
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/17/2016	ND	416	104	400	3,77	

### Cardinal Laboratories

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\*=Accredited Analyte

PLEASE NOTE: Liability and Demages. Cardinal's Rability and clients exclusive remady for any client arrang, whether bisind in contract or burt, shall be limited to the amount paid by client for analyses. All clients, including those for negligence and any other cause whether bisiness is deemed weeked unless made in writing and incoming by Cardinal within theiry (30) days after completion of the applicable service. In no event shall Curdinal be Bable for incidental or consequential disrupces, including, without introduction, burstooting, burstooting between the performance of the services information, loss of use, or limit of profits excurred by Clients, its automatically in a part of the services information of use of use, or limit of profits excurred by Circles, its automatical clients in the service in the service in the services information of the services in the service in t

Celay & Kenne

Celey D. Keene, Lab Director/Quality Manager

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PHONE (575) 393-2326 \* 101 E. MARLAND \* HOBBS, NM 88240

### Analytical Results For:

COG OPERATING **DAKOTA NEEL** P. O. BOX 1630 ARTESIA NM, 88210 NONE Fax To:

Received: Reported: 12/14/2016

Project Name: Project Number: ADMIRAL FED #2 NONE GIVEN

Project Location:

Analyte

Analyte

Analyte

12/20/2016

**NOT GIVEN** 

Sampling Date:

Sampling Type:

Sampling Condition:

Sample Received By:

12/13/2016

Soil

Cool & Intact Celey D. Keene

Reporting Limit

16.0

Reporting Limit

16.0

Reporting Limit

Reporting Limit

16.0

Reporting Limit

16.0

Sample ID: T1 - 2' (H602805-03)

Chloride,	SM4500CI-B

Chloride

Chloride

mg/kg

Result

32.0

Result

48.0

Analyzed By: AC

12/17/2016

Analyzed

12/17/2016

Analyzed

Method Blank ND

BS

416

**BS** 

416

% Recovery True Value QC

RPD 3.77

Qualifier

Sample ID: T1 - 3' (H602805-04)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: AC

Method Blank

ND

% Recovery

104

% Recovery

104

True Value QC

400

400

RPD

3.77

Sample ID: T1 - 4' (H602805-05)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: AC

BS

416

True Value QC

RPD

Oualifier

Oualifier

Chloride

Chloride

Chloride

Result 192

Result

256

16.0 12/17/2016

Analyzed

Method Blank ND

104

400

3.77

Sample ID: T1 - 5' (H602805-06)

Chloride, SM4500CI-B

mg/kg

Analyzed

12/17/2016

Analyzed

12/17/2016

Analyzed By: AC Method Blank

ND

ND

BS

416

% Recovery

104

True Value QC

400

RPD

3.77

Qualifier

Sample ID: T1 - 7' (H602805-07)

Analyte

Analyte

Chloride, SM4500CI-B

mg/kg

Result

208

Analyzed By: AC

Method Blank

BS

416

% Recovery 104

True Value QC 400

RPD 3.77 Qualifier

**Cardinal Laboratories** 

\*=Accredited Analyte

PLEASE NOTE: Limbitry and Darwoos. Cardinal's habitry and cherc's exchan All claims, including those for negligence and whatacever shall be deemed waived unless made in writing and received by Cardi within thirty (30) days after completion of the applicable service. including, wethout limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, efficient or successional control of the contr es arrang out of or related to the performs

Celany D Kenne



### Analytical Results For:

COG OPERATING **DAKOTA NEEL** P. O. BOX 1630 ARTESIA NM, 88210 Fax To: NONE

Received:

12/14/2016

Reported: Project Name: 12/20/2016 **ADMIRAL FED #2** 

Project Number: Project Location:

NONE GIVEN **NOT GIVEN** 

Sampling Date:

Sampling Type: Sampling Condition:

Sample Received By:

12/13/2016

Soil

Cool & Intact

Celey D. Keene

Sample ID: T1 - 8' (H602805-08)

Chloride, SM4500Cl-B
----------------------

Toluene\*

Ethylbenzene\*

Total Xylenes\*

mg/kg

Analyzed By: AC

Analyzed By: MS

Analyte Chloride

Result 160

Reporting Limit 16.0

0.050

0.050

0.150

0.300

Analyzed 12/19/2016

Analyzed

12/16/2016

12/16/2016

12/16/2016

12/16/2016

12/16/2016

Method Blank ND

Method Blank

ND

ND

ND

ND

ND

BS 416

BS

2.08

2.14

2.09

6.34

% Recovery 104

% Recovery

104

107

104

106

True Value QC 400

True Value QC

2.00

2.00

2.00

6.00

RPD 3.77

RPD

0.242

0.405

0.356

0.381

Qualifier

Qualifier

Sample ID: T2 - SURFACE (H602805-09)

BTEX 8021B	mg/	kg
Analyte	Result	Reporting Limit
Benzene*	<0.050	0.050

	Total	BTE	K		
Г					

< 0.050

< 0.050

< 0.150

< 0.300

Surrogate: 4-Bromofluorobenzene (PIL	121 5	73.6-140	,						
Chioride, SM4500Ci-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/19/2016	ND	432	108	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/15/2016	ND	183	91.6	200	2.70	
DRO >C10-C28	<10.0	10.0	12/15/2016	ND	197	98.6	200	0.173	
Surrogate: 1-Chlorooctane	86.5	% 35-147							
Surrogate: 1-Chlorooctadecane	88.1	% 28-171							

### Cardinal Laboratories

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\*=Accredited Analyte

any other clause whatsoever shall be deemed waved unless made in writing and received by Cardinal within thirty (30) days after including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, as subsidiaries, affiliates or success. ors arrang out of or related to the perform

Colory & Konne



### Analytical Results For:

COG OPERATING **DAKOTA NEEL** P. O. BOX 1630 ARTESIA NM, 88210 Fax To: NONE

Received:

12/14/2016

Reported: Project Name: 12/20/2016 **ADMIRAL FED #2** 

Project Number:

Project Location:

Analyte

Analyte

Analyte

Analyte

Analyte

NONE GIVEN **NOT GIVEN** 

Sampling Date:

Sampling Type:

Sampling Condition:

Sample Received By:

12/13/2016 Soil

Cool & Intact

Celey D. Keene

Sample ID: T2 - 1' (H602805-10)

Chloride

Chloride

Chloride

Chloride

Chloride

### mg/kg

### Analyzed By: AC

Analyzed

12/19/2016

Result 64.0

16.0 12/19/2016

Reporting Limit

Reporting Limit

16.0

Reporting Limit

16.0

Reporting Limit

16.0

16.0

Method Blank ND

BS 432

% Recovery 108

True Value QC 400

RPD

3.77

Qualifier

Sample ID: T2 - 2' (H602805-11)

Chloride, 5M4500Cl-B

mg/kg

Result

224

Result

176

Result

96.0

Analyzed By: AC

Analyzed

Method Blank ND

BS

432

% Recovery 108

True Value QC 400

RPD Qualifier

Sample ID: T2 - 3' (H602805-12)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: AC

Analyzed

12/19/2016

Method Blank

ND

BS

432

% Recovery 108

True Value QC

400

RPD 3.77

3.77

Qualifier

Sample ID: T2 - 4' (H602805-13)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: AC Analyzed

12/19/2016

Method Blank

ND

BS

432

BS

432

% Recovery 108

True Value OC 400

RPD 3.77

Qualifier

Sample ID: T2 - 5' (H602805-14)

Chloride, SM4500CI-B

mg/kg Result

256

Analyzed By: AC

Reporting Limit Analyzed 12/19/2016 Method Blank ND

% Recovery 108

True Value QC 400

RPD 3.77

Qualifier

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Cameros. Cardinal's Sability and client's exclusive made in writing and nicon within thirty (30) slays after con including, without firmination, business interruptions, loss of use, or loss of profits incurred by client, its subs rs arrising out of or related to the perform

Celley D Krone



### Analytical Results For:

COG OPERATING **DAKOTA NEEL** P. O. BOX 1630 ARTESIA NM, 88210 NONE Fax To:

Received: Reported: 12/14/2016 12/20/2016

Project Name: Project Number: **ADMIRAL FED #2 NONE GIVEN** 

Project Location:

Analyte

Analyte

Analyte

Analyte

**NOT GIVEN** 

Result

144

Result

240

Result

256

Result

304

Sampling Date:

432

BS

432

432

Sampling Type:

12/13/2016 Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Celey D. Keene

Sample ID: T2 - 6' (H602805-15)

Chloride, SM4500Cl-B

Chloride

Chloride

Chloride

Chloride

Received by OCD: 11/10/2022 12:33:14 PM

mg/kg

Reporting Limit

16.0

Reporting Limit

16.0

Reporting Limit

16.0

Reporting Limit

16.0

Analyzed By: AC

Analyzed

12/19/2016

Method Blank

RS % Recovery

108

108

108

True Value QC

RPD Qualifier

400 3.77

Sample ID: T2 - 8' (H602805-16)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: AC

Analyzed

12/19/2016

Analyzed

12/19/2016

Method Blank ND

ND

% Recovery

True Value QC 400

RPD Qualifier

3.77

Sample ID: T2 - 9' (H602805-17)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: AC

Method Blank

ND

B\$ % Recovery True Value QC

400

RPD

3.77

Qualifier

Qualifier

Sample ID: T2 - 10' (H602805-18)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AC

Analyzed 12/19/2016

Method Blank ND

BS 432 % Recovery 108

True Value QC 400

RPD 3.77

Cardinal Laboratories

\*=Accredited Analyte

All claims, including those for nephoence and arrang out of or related to the performence of the pervices here

Callago Hanna



### Analytical Results For:

COG OPERATING
DAKOTA NEEL
P. O. BOX 1630
ARTESIA NM, 88210
Fax To: NONE

Received: Reported: 12/14/2016 12/20/2016

Project Name: Project Number: Project Location: ADMIRAL FED #2 NONE GIVEN NOT GIVEN Sampling Date:

Sampling Type:

Sampling Condition: Sample Received By: 12/13/2016 Soil

Cool & Intact

Celey D. Keene

### Sample ID: T3 - SURFACE (H602805-19)

BTEX 8021B	mg,	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/16/2016	ND	2.08	104	2.00	0.242	
Toluene*	<0.050	0.050	12/16/2016	ND	2.14	107	2,00	0.405	
Ethylbenzene*	<0.050	0.050	12/16/2016	ND	2.09	104	2.00	0.356	
Total Xylenes*	<0.150	0.150	12/16/2016	ND	6.34	106	6,00	0.381	
Total BTEX	<0.300	0.300	12/16/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	119	% 73.6-14	0						
Chloride, SM4500CI-B	mg,	'kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	12/19/2016	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/15/2016	ND	183	91.6	200	2.70	
DRO >C10-C28	126	10.0	12/15/2016	ND	197	98.6	200	0.173	
Surrogate: 1-Chlorooctane	84.4	% 35-147							1
Surrogate 1-Chlorooctadecane	97.9	% 28-171							

### Sample ID: T3 - 1' (H602805-20)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/19/2016	ND	432	108	400	3.77	

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Celay & Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

**COG OPERATING DAKOTA NEEL** P. O. BOX 1630 ARTESIA NM, 88210 NONE Fax To:

Received: Reported: 12/14/2016 12/20/2016 **ADMIRAL FED #2** 

Project Name: Project Number:

Analyte

NONE GIVEN Project Location: **NOT GIVEN** 

Sampling Date:

Sampling Type:

Sampling Condition: Sample Received By: 12/13/2016 Soil

Cool & Intact Celey D. Keene

Sample ID: T3 - 2' (H602805-21)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: AC

% Recovery

108

True Value QC

RPD Qualifier

Chloride

Result 128

16.0 12/19/2016

Analyzed

Reporting Limit

Method Blank ND

BS

432

400

3.77

Sample ID: T4 - SURFACE (H602805-22)

BTEX 8021B	, mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/16/2016	ND	2.08	104	2.00	0.242	
Toluene*	<0.050	0.050	12/16/2016	ND	2.14	107	2.00	0.405	
Ethylbenzene*	<0.050	0.050	12/16/2016	ND	2.09	104	2.00	0.356	
Total Xylenes*	<0.150	0.150	12/16/2016	ND	6.34	106	6.00	0.381	
Total BTEX	<0.300	0.300	12/16/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIL

120 %

75.0%

73.6-140

28-171

Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/19/2016	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/15/2016	ND	183	91.6	200	2.70	
DRO >C10-C28	61.1	10.0	12/15/2016	ND	197	98.6	200	0.173	
Surrogate: 1-Chlorooctane	70.4	% 35-147							

Cardinal Laboratories

Surrogate: 1-Chlorooctadecane

\*=Accredited Analyte

Celleny D. Kes

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### Analytical Results For:

COG OPERATING **DAKOTA NEEL** P. O. BOX 1630 ARTESIA NM, 88210 NONE Fax To:

Received:

12/14/2016

**NONE GIVEN** 

**NOT GIVEN** 

Result

16.0

Result

320

304

Result

320

Reported:

12/20/2016 **ADMIRAL FED #2** 

Project Name: Project Number: Project Location:

Analyte

Analyte

Sampling Date:

Sampling Type:

432

432

432

Soil

Sampling Condition: Sample Received By: Cool & Intact

12/13/2016

Celey D. Keene

Sample ID: T4 - 1' (H602805-23)

Chloride, 5M4500Cl-B

Chloride

Chloride

Chloride

Chloride

Received by OCD: 11/10/2022 12:33:14 PM

mg/kg

Reporting Limit

16.0

Reporting Limit

16.0

16,0

Reporting Limit

16.0

Analyzed By: AC

Analyzed

12/19/2016

Analyzed

12/19/2016

12/19/2016

Analyzed

12/19/2016

Method Blank ND

BŞ. % Recovery

108

108

108

108

True Value QC

RPD

400 3.77

Sample ID: T4 - 2' (H602805-24)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: AC

Method Blank

ND

ND

Method Blank

ND

BS % Recovery

True Value QC

400

RPD

3.77

Qualifier

Qualifier

Sample ID: T4 - 4' (H602805-25)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: AC

Analyte

Result Reporting Limit

Analyzed

Method Blank

BS % Recovery True Value QC 400

RPD 3.77 Qualifier

Sample ID: T4 - 6' (H602805-26)

Analyte

Chloride, SM4500CI-B

mg/kg

Analyzed By: AC

85

432

% Recovery True Value QC

400

RPD 3.77 Qualifier

Cardinal Laboratories

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Celly D. Kenne



### Analytical Results For:

COG OPERATING **DAKOTA NEEL** P. O. BOX 1630 ARTESIA NM, 88210 Fax To: NONE

Received:

12/14/2016

Reported:

12/20/2016 **ADMIRAL FED #2** 

Project Name: Project Number:

NONE GIVEN

**Project Location:** 

**NOT GIVEN** 

Sampling Date:

Sampling Type:

Sampling Condition:

Sample Received By:

12/13/2016

Soil

Cool & Intact Celey D. Keene

Sample ID: T5 - SURFACE (H602805-27)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/16/2016	ND	2.08	104	2.00	0.242	
Toluene*	<0.050	0.050	12/16/2016	ND	2.14	107	2.00	0.405	
Ethylbenzene*	<0.050	0.050	12/16/2016	ND	2.09	104	2.00	0.356	
Total Xylenes*	<0.150	0.150	12/16/2016	ND	6.34	106	6.00	0.381	
Total BTEX	<0.300	0.300	12/16/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	122 %	6 73.6-140							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	12/19/2016	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/15/2016	ND	183	91.6	200	2.70	
DRO >C10-C28	1010	10.0	12/15/2016	ND	197	98.6	200	0.173	

Surrogate: 1-Chlorooctane

90.6 %

35-147

Surrogate: I-Chlorooctadecane

105 %

28-171

### Sample ID: T5 - 1' (H602805-28)

Chloride, SM4500Cl-B	mg,	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/19/2016	ND	432	108	400	3.77	

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Celegris Ka





### Analytical Results For:

COG OPERATING **DAKOTA NEEL** P. O. BOX 1630 ARTESIA NM, 88210 NONE Fax To:

Received: Reported: 12/14/2016

Project Name: Project Number: 12/20/2016 **ADMIRAL FED #2 NONE GIVEN** 

Project Location:

Analyte

**NOT GIVEN** 

Sampling Date:

Sampling Type:

Sampling Condition:

Sample Received By:

12/13/2016

Soil Cool & Intact

Celey D. Keene

Sample ID: T5 - 3' (H602805-29)

Chloride, SM4500Cl-B

Chloride

Chloride

mg/kg

Reporting Limit

16.0

Result

128

Analyzed By: AC

12/19/2016

Analyzed Method Blank

BS % Recovery True Value QC 400

RPD

0.00

Qualifier

Qualifier

Sample ID: T5 - 4' (H602805-30)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: AC

Analyte Reporting Limit Analyzed 208 16.0 12/19/2016

Result

Method Blank ND

ND

BS 416

416

% Recovery 104

104

True Value QC 400

RPD

0.00

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Celey D. Kenne



### Analytical Results For:

COG OPERATING **DAKOTA NEEL** P. O. BOX 1630 ARTESIA NM, 88210 Fax To: NONE

Received:

12/14/2016

Reported:

12/20/2016 ADMIRAL FED #2

Project Name: Project Number:

**NONE GIVEN** Project Location: **NOT GIVEN** 

Sampling Date:

12/13/2016

Sampling Type:

Soil Sampling Condition:

Cool & Intact

Sample Received By:

Celey D. Keene

### Sample ID: T6 - SURFACE (H602805-31)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/16/2016	ND	2.08	104	2.00	0.242	
Toluene*	<0.050	0.050	12/16/2016	ND	2.14	107	2.00	0.405	
Ethylbenzene*	<0.050	0.050	12/16/2016	ND	2.09	104	2.00	0.356	
Total Xylenes*	<0.150	0.150	12/16/2016	ND	6.34	106	6.00	0.381	
Total BTEX	<0.300	0.300	12/16/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIE	120 9	6 73.6-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/19/2016	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/16/2016	ND	192	95.8	200	2.26	
DRO >C10-C28	<10.0	10.0	12/16/2016	ND	197	98.5	200	1.29	QR-03
Surrogate: 1-Chlorooctane	82.4 %	% 35-147							
Surrogate 1-Chlorooctadecane	91.59	% 28-17 <i>1</i>							

### Sample ID: T6 - 1' (H602805-32)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32,0	16.0	12/19/2016	ND	416	104	400	0.00	

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Celley D.K.

### Analytical Results For:

COG OPERATING **DAKOTA NEEL** P. O. BOX 1630 ARTESIA NM, 88210 Fax To: NONE

Received:

12/14/2016

**CARDINAL**Laboratories

Reported:

12/20/2016 **ADMIRAL FED #2** 

Project Name: Project Number:

Project Location:

Analyte

Analyte

Analyte

Reporting Limit

16.0

Reporting Limit

Reporting Limit

16.0

**NOT GIVEN** 

NONE GIVEN

Sampling Date:

Sampling Type:

12/13/2016 Soil

Sampling Condition:

Sample Received By:

Cool & Intact

Celey D. Keene

Sample ID: T6 - 2' (H602805-33)

Chloride, SM4500Cl-B

mg/kg

Result

16.0

Analyzed By: AC

Analyzed Method Blank

12/19/2016

Analyzed

BS 416 % Recovery 104

True Value QC

RPD Qualifier

400 0.00

Sample ID: T6 - 3' (H602805-34)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: AC

Method Blank

ND

BS % Recovery

True Value QC

400

RPD Qualifier

Chloride

Chloride

Chloride

Result <16.0

Result

<16.0

12/19/2016 16.0

ND

416

104

0.00

Qualifier

Sample ID: T6 - 4' (H602805-35)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: AC

Analyzed

12/19/2016

Method Blank ND

B\$ 416 % Recovery 104

True Value QC 400

RPD 0.00

Cardinal Laboratories

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Celay D. Kome



### Analytical Results For:

COG OPERATING **DAKOTA NEEL** P. O. BOX 1630 ARTESIA NM, 88210 Fax To: NONE

Received:

12/14/2016

Reported:

12/20/2016 **ADMIRAL FED #2** 

Project Name: Project Number: Project Location:

NONE GIVEN **NOT GIVEN** 

Sampling Date:

12/13/2016

Sampling Type:

Sample Received By:

Sampling Condition:

Cool & Intact

Celey D. Keene

Soil

Sample ID: T7 - SURFACE (H602805-36)

1218	

mg/kg	
-------	--

Analyzed	Ву:	MS
----------	-----	----

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/16/2016	ND	2.08	104	2.00	0.242	
Toluene*	<0.050	0.050	12/16/2016	ND	2.14	107	2.00	0.405	
Ethylbenzene*	<0.050	0.050	12/16/2016	ND	2.09	104	2.00	0.356	
Total Xylenes*	<0.150	0,150	12/16/2016	ND	6.34	106	6.00	0.381	
Total BTEX	< 0.300	0.300	12/16/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIL

120 %

73.6-140

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	85	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/19/2016	ND	416	104	400	0.00	
TPH 8015M	mg.	/kg	Analyze	d By: MS			200		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/16/2016	ND	192	95.8	200	2.26	
DRO >C10-C28	<10.0	10.0	12/16/2016	ND	197	98.5	200	1.29	

Surrogate: 1-Chlorooctadecane

85.2 %

28-171

### Sample ID: T7 - 1' (H602805-37)

Chloride, 5M4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/19/2016	ND	416	104	400	0.00	

### Cardinal Laboratories

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\*=Accredited Analyte

Celley D.K.

Celey D. Keene, Lab Director/Quality Manager



### **Notes and Definitions**

QR-03 The RPD value for the sample duplicate or MS/MSD was outside if QC acceptance limits due to matrix interference. QC batch

accepted based on LCS and/or LCSD recovery and/or RPD values.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

Samples not received at proper temperature of 6°C or below.

Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

\*=Accredited Analyte

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Celley D. Kenne

Celey D. Keene, Lab Director/Quality Manager

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### 101 East Mariand, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

## **CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

35 8 50 SOS City: Artesia Project Manager: Dakota Neel Sampler Name: Project #: Phone #: Company Name: Project Location: Project Name: Address: 2208 West Main FOR USE ONLY Lab I.D. 432-215-2783 COG Operating LLC ADNIKAL DAKOTA 71 -71-71, Sample I.D. מ SURT 5 T W FEO AZ Project Owner: Fax #: State: NM (G)RAB OR (C)OMP # CONTAINERS 남 GROUNDWATER WASTEWATER 88210 SOIL MATRIX OIL SLUDGE CIPY: P.O. #: OTHER Phone #: (432) 221-0388 State: TX Fax # A B B Company: Address ACID/BASE ICE / COOL BILL TO OTHER COG Operating LLC Zip: 79701 Robert McNeil コイガル DATE SAMPLING 600 W Minois Midland 10.30 TIME BTEX × 4 X × y K TPH ¥ ¥ × × Y × K × 4 Y × Chloride ANALYSIS REQUEST

PLEASE NOTE: Libbilly and urkulitari tanand is consipied ar lipit, sholl ha lissinal in line annanad pael by libe citent for line: Univers consip in unitary; and received by Continual williah 20 dept after comprisation of libe copy on, humbook en you have, here of was, or loss of profile incurred by climal, its substitutions,

	Date: Received By:	Retinquished By:
REMARKS:		
Fax Result:	U 01-M-21	イメ
Phone Resud:	Macaina day	emiquence by:

s. Please fax written changes to 575-393-2476

50337 -9/x4, ER SAMPLES 2 8 8 dneel2@concho.com Add'l Phone #
Add'l Fax #: 5,000 ~9/KC 0 875x T Excelos song/k BEWZENE

Page 16 of 20

2 OF 5



### 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	COG Operating LLC	4270	BILL TO				ANALTSIS KEQUESI	_
Project Manager:	Dakota Neel	P.	P.O. #:					
Address: 2208 V	2208 West Main	Co	Company: COG	COG Operating LLC				
City: Artesia	State: NM	Zip 88210	Attn: Rob	Robert McNeill				-
Phone #:	432-215-2783 Fax #:	Ac	Address: B	BOO W Illinois				
Project #:	Project Owner:		City:	Midland				
Project Name:	ADNIRAL FED # 2		State: TX Zip:	Zip: 79701	1			_
Project Location:		P	Phone #: (432) 221-0388	1-0388				
Sampler Name:	DAKOTA NEEL	T	Fax #:					-
ATMO SET BYT MOLE		XISTAM	PRESERV. 9	SAMPLING				-
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMF # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:	ACID/BASE: ICE / COOL OTHER:	DATE TIME	өтех	трн	Chloride	
99	72-50RF			31/11/14	×	3	×	l NE
2 5	72-1			3	×	F	>	242
=7	T2 2'				ч	¥	7	
17	T2-3'				×	Y		
ú	-				Y	×	×	
جا	T2 5'				A	y.	*	
Į.	T2-6'				×	×	Y	
)	TZ 8				ж	×	×	
Ü	72-9'				×	ĸ	*	
200	T2-10			1	K	×	X	L

PLEASE NOTE: Listably and Charages. Countral's leafedy and obserts uncharber intensed for any obsert searching whether beauth in customer or toot, which he imited to the summer part by the obserted analysis. All characs believed by Caratical wides and recovered by Caratical wides. When the countral by the countral desired the opposition of the summer of the opposition of the customer of the opposition of the countral desired by the co

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Relinquished By:		Reinquished By:	
3.9%	Date: Rech	12/14/14	Data: Receiv	The state of the s
Sample Condition Cook Intuct Direct Direct No D No	ake free	11/1000	ad By:/	
CHECKED BY:	•	0		THE RESERVE AND ADDRESS OF THE PARTY AND ADDRE
		Fax Result:	Phone Result:	THE R. LEWIS CO., LANSING, MICH.
		□ Yes	O Yes	
	dne	8	ш	
	2 @concho.com	Add Fax #:	Add'l Phone #:	

s. Please fax written changes to 575-393-2476

Page 17 of 20

30F3



### 101 East Mariand, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	COG Operating LLC		BIL	BILL TO				ANALYSIS REQUEST
Project Manager: Dakota Neel	Dakota Neel		P.O. #:					
Address: 2208 West Main	West Main		Company: C	COG Operating LLC				
City: Artesia	State: NM	Zip 88210	Attn: F	Robert McNeill				
Phone #:	432-215-2783 Fax #:		Address	600 W Illinois		A PST		
Project #:	Project Owner:	ā	City:	Midland				
Project Name:	ADVIRAL FEO HZ		State: TX Z	Zip: 79701			3	
Project Location:			Phone #: (432) 221-0388	221-0388		-		
Sampier Name:	DAKOTA NEEL		Fax #:	000000				
FOR LAB USE ONLY		MATRIX	PRESERV.	SAMPLING	10			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	DATE TIME	m BTEX	ТРН	Chloride	
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s. Please fax written changes to 575-393-2476

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

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Phone Result: Fax Result: REMARKS:

O Yes

□ No Add1 Phone #:

dneel2@concho.com

Relinquished By:

Time:

Received By

Page 18 of 20

### 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	(5/5) 383-2326 FAA (5/5) 353-24/6	970			1			100
Company Name:	COG Operating LLC		BILL TO				ANALYSIS KEQUESI	JEST
roject Manager:	Dakota Neel		P.O. #:					
uddress: 2208 V	2208 West Main		Company: COG Operating LLC	ating LLC				
크	State: NM	Zip 88210	Attn: Robert McNeill	Nett				
hone #:	432-215-2783 Fax #:		Address: 600 W Illinois	linois				
Project #:	Project Owner:		City: Midtand					
Project Name:	ADMIRAL FED #2		State: TX Zip: 79701	91				
Project Location:			Phone #: (432) 221-0388	8				
Sampler Name:	DAKOTA NELL		Fax #:	1		11.0		
FOR IABLUSE ONLY		MATRIX	PRESERV. SAMPLING	ING	÷			
Lab I.D.	Sample I.D.	AB OR (C)OMP. NTAINERS UNDWATER TEWATER	R: /BASE: COOL			ride		
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Relinquished By:	91/h1/260	C Parks and Brill	emo	Phone Result: Fax Result: REMARKS:	- 117	D Yes D No	Add'l Phone #: Add'l Fax #:	
Relinquished By:	Data:	Received By:	7			10-	dneel2@concho.com	
Delivered By: (Circle One)	(Circle One)	Sample Condition	dition CHECKED BY:					

s. Please fax written changes to 575-393-2476

Sampler - UPS - Bus - Other:

Page 19 of 20



### 101 East Mariand, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Company Name: COG Operating LLC	BILL TO		ANALYSIS REQUEST
Project Manager: Dakota Neel	Dakota Neel	P.O. #:		
Address: 2208 West Main	Vest Main	Company: COG Op	COG Operating LLC	
City: Artesia	State: NM	Zip 88210 Attn: Robert McNeill	McNeill	
Phone #:	432-215-2783 Fax #:	Address: 500 V	800 W Illinois	
Project #:	Project Owner:	r: City: Midland	and	
Project Name:	AMIRAL FEB #2	State: TX Zip: 79701	701	
Project Location:		Phone #: (432) 221-0388	388	
Sampler Name:	DAKOTA WELL	1		
FOR LAB USE ONLY		RS TER ER MATRIX PRESERV	SAMPLING	
Happor-	Sample I.D.	(G)RAB OR ( # CONTAINE GROUNDWA WASTEWAT! SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	m TIME BTEX TPH	Chloride
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s. Please fax written changes to 575-393-2476

Sampler - UPS - Bus - Other:

Sample Condition
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Delivered By: (Circle One)

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PLEASE NOTE: Unkny and Decomposite

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Phone Result: Fax Result: REMARKS:

O Yes

D 0

Add'l Phone #: Add'l Fax #:

dneel2@concho.com

Relinquished By:

Page 20 of 20

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. **Santa Fe, NM 87505** 

CONDITIONS

Action 157739

### **CONDITIONS**

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	157739
	Action Type:
	[IM-SD] Incident File Support Doc (ENV) (IM-BNF)

### CONDITIONS

Created By	Condition	Condition Date
amaxwell	None	11/10/2022