

June 22, 2015

#5B23978-BG6

NMOCD District II 1301 W Grand Ave ArtesiaNM88210

SUBJECT: SOIL REMEDIATION WORKPLAN FOR INCIDENT 2RP-2918 SCARED HAWK STATE COM #1, EDDY COUNTY, NEW MEXICO

#### Dear Heather Patterson:

Souder Miller & Associates, is pleased to submit the attached Work plan summarizing the soil remediation of the release site located on the Scared Hawk State Com #1 in Eddy County, New Mexico. The purpose of the work plan is to obtain approval from the New Mexico Oil Conservation Division for remediation of the release that occurred on March 08, 2015.

Souder, Miller & Associates (SMA) responded to assess and delineate the production fluids release associated with the Scared Hawk State Com #1 well location. The release was initially reported to NMOCD by COG Operating on March 25, 2015 and is a result of a flow line failure. The table below summarizes information regarding the release. Results of the assessment and delineation follow in proceeding report.

Tab	le 1: Release info	rmation and Site Rank	king		
Name		Scared Hawk Sta	te Com #1		
	Incident Number	API Number	Section	, Township	, Range
Location	2RP-2918	30-015-35102	SW/NE (Unit A)	Section 4	T 25S, R 28E NMPM
Estimated Date of Release	8-Mar-15				
Date Reported to NMOCD	25-Mar-15				
Reported by	Amanda Trujillo	, COG Operating LLC			
Land Owner	State				
Reported To	NM Oil Conservation Division (NMOCD)				
Source of Release	Flow line failure				
Released Material	Produced Wate	r			
Estimated Release Volume	30 bbls Produced Water, Recovered 5 bbls Produced Water: Net release 25 bbls Produced Water				
Nearest Waterway	The Salt Draw is	over one mile to the v	west of the	location.	
Depth to Groundwater	Estimated to be	41 feet			



Nearest Domestic Water Source	Greater than 1,000 feet
NMOCD Ranking	20
SMA Response Dates	Initial: April 28, 2015 Mitigation Activities:
Subcontractors	TCS
Disposal Facility	Lea Land, LLC
Estimated Yd <sup>3</sup> Contaminated Soil Excavated and Disposed	1,500 (Reported on Completed C-138)

Attached is a copy of the C-141 initial located in Appendix B. For questions or comments pertaining to the release or the attaches Closure Report please feel free to contact either of us.

Submitted by:

SOUDER, MILLER & ASSOCIATES

Austin Weyant Project Scientist Reviewed by:

Cynthia Gray, CHMM Senior Scientist

# SOIL REMEDIATION WORKPLAN FOR INCIDENT 2RP-2918

## **COG OPERATING LLC**

SCARED HAWK STATE COM #1
API# 30-015-35102
SECTION 4, T25S R28E, NMPM
EDDY COUNTY, NM



Prepared for: COG Operating LLC 2407 Pecos Ave Artesia, NM 88210 Prepared by: Souder, Miller & Associates 201 S. Halagueno Carlsbad, NM 88221 575-689-7040

June 22, 2015 SMA Reference 5B23978 BG6

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Table 2: Field Screening

Table 3: Summary of Laboratory Analyses

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Appendix B: Form C141 INITIAL

### 1.0 Introduction

On behalf of COG Operating LLC (COG), SMA has prepared this report that describes the assessment and initial delineation of a release associated with the Scared Hawk State Com #1 release site. The site is located in Section 4, T 25S, R 28E NMPM, Eddy County, New Mexico, on land owned by the State of New Mexico. Figure 1 illustrates the vicinity and location of the site.

### 2.0 Site Ranking and Land Jurisdiction

The release site is located approximately 1 mile east of Salt Draw, in an area owned by the State with an elevation of approximately 3,000 feet above sea level. After evaluation of the site using aerial photography and topographic maps, depth to groundwater is estimated to be less than 100 feet below ground surface (bgs). Figure 1 depicts the site vicinity and Figure 2 depicts the site location.

SMA searched the New Mexico State Engineer's Office online water well database for water wells in the vicinity of the release. One well is located within a one mile radius of the site. The physical location of this release is within the jurisdiction of NMOCD.

Based on the NMOCD Guidelines Ranking Criteria, this release location has been assigned a NMOCD ranking of 20 which requires a soil remediation standard of 10 parts per million (ppm) benzene, 50 ppm combined benzene, toluene, ethyl-benzene, and total xylenes (BTEX), and 100 ppm total petroleum hydrocarbons (TPH). Table 1 illustrates site ranking rationale.

### 3.0 Assessment and Initial Results

On June 18<sup>th</sup>, 2015 after receiving 811 clearance SMA field personal assessed the release area onsite with a backhoe, Photo Ionization Detector (PID), and a mobile chlorides titration kit. The affected area was found to be 150 feet long and 90 feet wide. The western extent of the spill path is over a high pressure gas line. Delineation samples were taken to depths of seven feet bsg. Bottom hole samples were found to exhibit only background levels of all contaminants of concern at approximately 7 feet bsg on the eastern area of the spill. The western portion contained the highest concentration of contaminants at depths below seven foot bsg, due to the proximity to the point of failure of the flow line and site topography. Specific sample locations for all samples are depicted on Figure 2 (Sample Location Map) along with sampling details. Field screening results are noted in Table 2 in the appendices. All samples were collected and processed according to NMOCD soil sampling procedures. Because the spilled material was limited to produced water, the samples were sent under chain-of-custody protocols to Hall Environmental Analysis Laboratory for analysis for Total Chlorides using EPA Method 300.0.

### 4.0 Soil Remediation Workplan

SMA will begin the excavation of affected soils, with approval from area utilities owners via 811 and the NMOCD. SMA will continuously guide the excavation activities by collecting composite soil samples for field screening with a mobile titration unit (EPA 4500) and a calibrated PID. In the eastern area of the spill is a buried Kinder Morgan pipeline. No excavation will occur within that area due to safety concerns and request by Kinder Morgan. SMA will work with Kinder Morgan on any excavation close to their high pressure gas line. Samples will be taken as close to the pipeline as possible to document the level of contamination in the soils left next to pipeline. Samples will be taken in the sidewalls in the rest of the excavation to ensure contaminated soils

have been removed in the horizontal extent. Closure samples will be collected at the final depth of excavation. Excavation will be conducted to three feet bsg in the spill area to remove the soils affected by the release. An in-situ cap will be constructed within the excavation. The construction of the in-situ cap (Figure #3) has been designed to prevent both capillary and leaching movement of the brine affected soils contained beneath. Starting from three feet below surface grade, a plastic liner will be added as a capillary break between the affected soils and the proposed caliche cap. The cap will consist of two feet of contaminant-free caliche material placed, and compacted. Then, a geo-synthetic liner will be added above the compacted caliche cap to form an intrusion barrier. This barrier will prevent leaching and formation of deep root systems into the cap itself. Topsoil will then be placed on top of the cap. The plastic liner on both sides of the caliche cap will effectively break the communication of precipitation through the compacted cap. After excavation, installation of in-situ cap, and backfill, a minimum of 18 inches of topsoil will be added to help with contouring of the area and to promote vegetation growth. Approximately 1,444 cubic yards of contaminated soil will be removed and replaced with the cap and clean backfill material to bring the excavated area to surface grade. The contaminated soil will be transported for disposal at Lea Land, near Carlsbad, NM.

### 5.0 Conclusions and Recommendations

NMOCD Guidelines for Remediation of Leaks, Spills, and Releases have established the following action levels for contaminants of concern with a site ranking of 10: 10 ppm (mg/kg) Benzene, 50 ppm total BTEX, and 100 ppm TPH. The release consisted of produced water and evidence of petroleum impacts were not found during the initial assessment and delineation.

After the soil remediation workplan is approved by NMOCD, SMA will begin soil remediation activities on site as described above.

Soil contaminant concentrations found during the initial delineation are illustrated in Figure 2. A summary of laboratory analytical results is included in Table 3. Laboratory reports are included in Appendix A.

### 6.0 Closure and Limitations

The scope of our services consisted of the performance of a preliminary spill assessment, verification of release stabilization, regulatory liaison, and preparation of this Remediation Workplan. All work has been performed in accordance with generally accepted professional environmental consulting practices for oil and gas releases in the Permian Basin in New Mexico.

If there are any questions regarding this report, please contact either Austin Weyant at 575-689-7040 or Cindy Gray at 505-325-7535.

Submitted by:

Reviewed by:

SOUDER, MILLER & ASSOCIATES

Austin Weyant Project Scientist Cynthia Gray, CHMM

Senior Scientist

### Figures:

Figure 1: Vicinity Map Figure 2: Site Map

Figure 3: In-situ Cap and Bio barrier Design

### Tables:

Table 1: Release Information and Site Ranking

Table 2: Field Screening

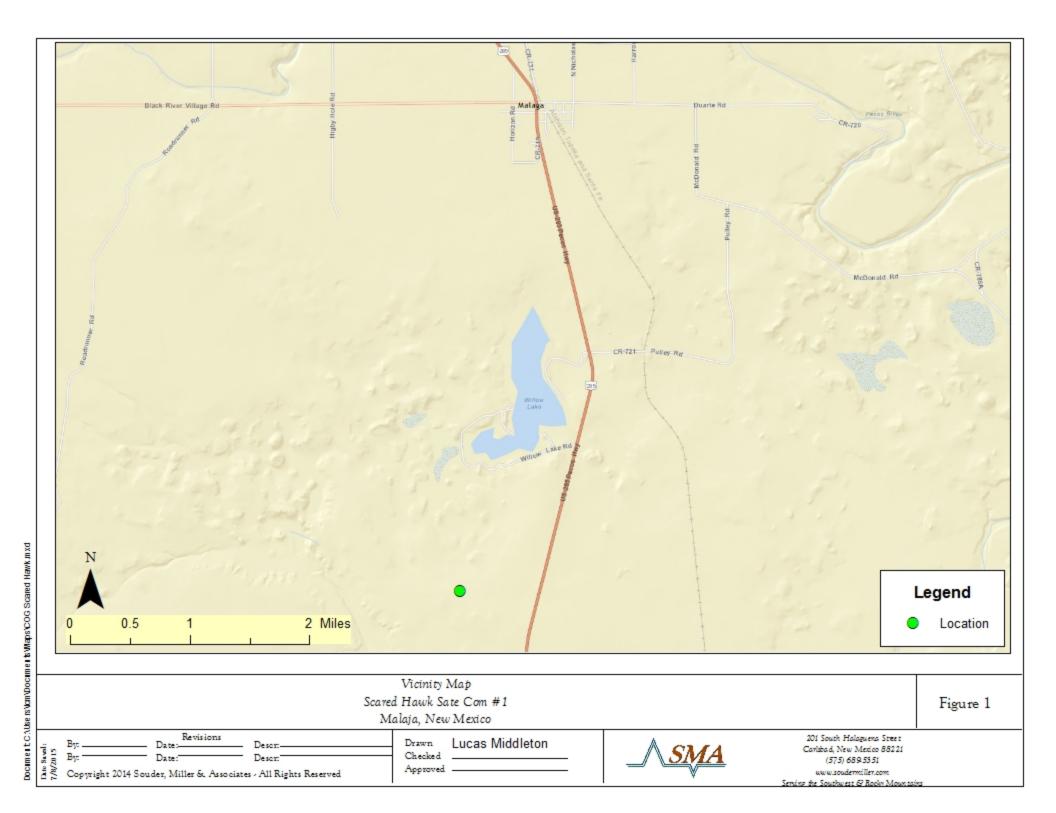
Table 3: Summary of Laboratory Analyses

### **Appendices:**

Appendix A: Laboratory Analytical Reports

Appendix B: Form C141 Initial

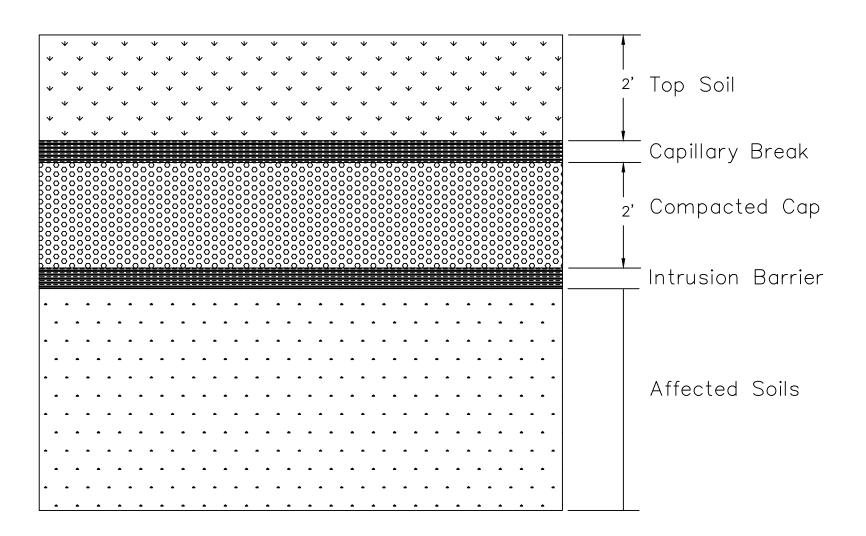
## FIGURE 1 VICINITY MAP



# FIGURE 2 SITE MAP

# FIGURE 3 IN-SITU CAP AND BIO BARRIER DESIGN

Figure 3: Proposed In—situ Cap and Biobarrier Design



der, Miller & Associate arlsbad, NM 88220 201 S.

Engineering Environmental Surveying

Designed Drawn Checked
Date: July 2015
Scale: Horiz: 1\*=5'

Project No: 5B23978

# TABLE 1 RELEASE INFORMATION AND SITE RANKING

Table 1: Release information and Site Ranking						
Name		Scared Hawk Sta	ite Com #1			
	Incident Number	API Number	Section	n, Township,	, Range	
Location	2RP-2809	30-015-35102	SW/NE (Unit A)	Section 4	T 25S, R 28E NMPM	
Estimated Date of Release	8-Mar-15					
Date Reported to NMOCD	25-Mar-15					
Reported by	Amanda Trujillo, COG Operating LLC					
Land Owner	State					
Reported To	NM Oil Conservation Division (NMOCD)					
Source of Release	Flow line failure					
Released Material	Produced Water and Oil					
Estimated Release Volume	30 bbls Produced Water, Recovered 5 bbls Produced Water: Net release 25 bbls Produced Water					
Nearest Waterway	The Salt Draw is c	over one miles to the w	est of the lo	cation.		
Depth to Groundwater	Estimated to be 41 feet					
Nearest Domestic Water Source	Greater than 1,000 feet					
NMOCD Ranking	20					
SMA Response Dates	Initial: April 28, 2015 Mitigation Activities:					
Subcontractors	TCS					
Disposal Facility	Lea Land, LLC					
Estimated Yd <sup>3</sup> Contaminated Soil Excavated and Disposed	40,500 (Reported	on Completed C-138)				

# TABLE 2 SUMMARY OF FIELD SCREENING

FIELD SCREENING RESULTS SUMMARY								
Date	Time	Field Screening Reference	Sample Depth (Feet BGS)	Chlorides Results	Lab Sample Collected Y/N			
6/19/2015	12:00	D1	2'	2285	Υ			
6/19/2015	12:00	D1-4	7'	600	Y			
6/19/2015	12:00	D2	2'	5800	Υ			
6/19/2015	12:00	D2-1	3'	4500	Υ			
6/19/2015	12:00	D2-2	4'	3233	Υ			
6/19/2015	12:00	D2-4	6'	2400	Υ			
6/19/2015	12:00	D2-5	7'	1600	Υ			
6/19/2015	12:00	D2-6	8'	1500	Υ			



# TABLE 3 SUMMARY OF LABORATORY ANALYSES

**Table 3: Summary of Laboratory Analyses** 

Analytical Report- 1505718	Sample Number on Figure 2 Map	Sample Date	Depth	BTEX ppm	Benzene mg/Kg	GRO mg/Kg	DRO mg/Kg	CI- mg/Kg
1505718-001	SH-1	5/22/2015	1'	N/A	N/A	N/A	N/A	430
1505718-002	SH-2	5/22/2015	1'	N/A	N/A	N/A	N/A	14,000
1505718-003	SH-3	5/22/2015	1'	N/A	N/A	N/A	N/A	13,000

# APPENDIX A LABORATORY ANALYTICAL REPORTS



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

May 22, 2015

Austin Weyant Souder, Miller & Associates 201 S Halagueno Carlsbad, NM 88221 TEL: (575) 689-7040

FAX

RE: Scared Hawk OrderNo.: 1505718

### Dear Austin Weyant:

Hall Environmental Analysis Laboratory received 3 sample(s) on 5/15/2015 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to <a href="www.hallenvironmental.com">www.hallenvironmental.com</a> or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman

Laboratory Manager

Indest

4901 Hawkins NE

Albuquerque, NM 87109

### **Analytical Report**

**DF** Date Analyzed

**Batch ID** 

Lab Order: 1505718

### Hall Environmental Analysis Laboratory, Inc.

Date Reported: 5/22/2015

CLIENT: Souder, Miller & Associates Lab Order: 1505718

**Project:** Scared Hawk

**Analyses** 

**Lab ID:** 1505718-001 **Collection Date:** 5/13/2015 9:00:00 AM

Client Sample ID: SH-1 Matrix: SOIL

 Analyses
 Result
 RL Qual Units
 DF Date Analyzed
 Batch ID

 EPA METHOD 300.0: ANIONS
 Analyst: LGT

 Chloride
 430
 30
 mg/Kg
 20
 5/19/2015 12:36:13 PM
 19298

**Lab ID:** 1505718-002 **Collection Date:** 5/13/2015 9:00:00 AM

Client Sample ID: SH-2 Matrix: SOIL

Result

 EPA METHOD 300.0: ANIONS
 Analyst: LGT

 Chloride
 14000
 750
 mg/Kg
 500 5/20/2015 3:57:33 PM
 19298

**RL Qual Units** 

**Lab ID:** 1505718-003 **Collection Date:** 5/13/2015 9:00:00 AM

Client Sample ID: SH-3 Matrix: SOIL

 Analyses
 Result
 RL
 Qual
 Units
 DF
 Date Analyzed
 Batch ID

 EPA METHOD 300.0: ANIONS
 Analyst: LGT

 Chloride
 13000
 750
 mg/Kg
 500
 5/20/2015 4:09:57 PM
 19298

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

#### Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit Decree 1
- Page 1 of 2
- P Sample pH Not In Range
- RL Reporting Detection Limit

### **QC SUMMARY REPORT**

### Hall Environmental Analysis Laboratory, Inc.

WO#: 1505718

22-May-15

Client: Souder, Miller & Associates

**Project:** Scared Hawk

Sample ID MB-19298 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: **PBS** Batch ID: **19298** RunNo: **26305** 

Prep Date: 5/19/2015 Analysis Date: 5/19/2015 SeqNo: 781402 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID LCS-19298 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 19298 RunNo: 26305

Prep Date: 5/19/2015 Analysis Date: 5/19/2015 SeqNo: 781403 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 92.6 90 110

#### Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH Not In Range
- RL Reporting Detection Limit

Page 2 of 2



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

Website: www.hallenvironmental.com

## Sample Log-In Check List

TEL: 505-345-3975 FAX: 505-345-4107

Client Name: SMA-CARLSBAD Work Ord	er Number: 1505718		RoptNo: 1
Received by/date: CS 05	15 15		
Logged By: Ashley Gallegos 5/15/2015 9	:08:00 AM	A	
Completed By: Ashley Gallegos 5/15/2015 1	1:40:13 AM	A	
Reviewed By: 05	1515	9	
Chain of Custody	100		
Custody seals intact on sample bottles?	Yes	No 🗌	Not Present 🗹
2. Is Chain of Custody complete?	Yes 🗹	No 🗆	Not Present
3. How was the sample delivered?	Courier		
<u>Log In</u>			
4. Was an attempt made to cool the samples?	Yes 🗸	No 🗆	na 🗆
5. Were all samples received at a temperature of >0° C to	6.0°C Yes ✓	No 🗆	NA 🗆
6. Sample(s) in proper container(s)?	Yes 🗸	No 🗌	
7. Sufficient sample volume for indicated test(s)?	Yes 🔽	No 🗆	
8. Are samples (except VOA and ONG) properly preserved	? Yes 🗸	No 🗆	1000000000 <b></b>
9. Was preservative added to bottles?	Yes	No 🗸	NA 🗆
10.VOA vials have zero headspace?	Yes	No 🗌	No VOA Vials 🗹
11. Were any sample containers received broken?	Yes	No 🗸	# of preserved
	v. 57	No 🗆	bottles checked for pH:
12. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes 🗹	No L	(<2 or >12 unless noted)
13. Are matrices correctly identified on Chain of Custody?	Yes 🗸	No 🗆	Adjusted?
14. Is it clear what analyses were requested?	Yes 🗸	No 🗆	
15. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes 🗹	No 🗆	Checked by:
Special Handling (if applicable)	22	200	
16. Was client notified of all discrepancies with this order?	Yes 🗌	No 🗀	NA 🗹
Person Notified:	Date		
By Whom:	Via: eMail	Phone Fax	In Person
Regarding:			
Client Instructions:			
17. Additional remarks:			
18. Cooler Information			
Cooler No Temp °C Condition Seal Intact	Seal No Seal Date	Signed By	100
1 5.5 Good Yes			

O	hain	-of-Cu	Chain-of-Custody Record	Turn-Around Time:	me:			I	ALL	HALL ENVIRONME	ш
Client: S	ouder N	Ailler and	Souder Miller and Associates	th Standard	□ Rush			4	NAL	ANALYSIS LABOR	4
				Project Name:					714	MA 97100	
Mailing Address:	dress:				Dewood 17	na l	490.	Hawkir	IS INE -	4901 Hawkins NE - Albuquerque, Nivi 87 103	
201 S Halagueno Carlsbad, NM 88220	gueno (	arisbad, N	M 88220	Project #:		1 4	Tel.	Tel. 505-345-3975	-39/2	Fax 505-545-4107	
Phone #:		575-689-5351	3351		182818100	0			-	Analysis kequest	
email or Fax#:		lucas.mid	lucas.middleton@soudermiller.com	Project Manager:	:der:			a/s			_
QA/QC Package:	:kage:			Austin Weyant	t		_				
□ Standard	P		□ Level 4 (Full Validation)				_				
Accreditation	ion:			Sampler: 6	5		-	50000	s		
O NELAP	~	□ Other		On Ice:	X Yes	ON 🗆		113	0.00		
D EDD (Type)	[vne]			Sample Temp	Sample Temperature: 5.5° C	200					
Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL NO. 1505718	хэта хэта	л н <b>ч</b> т ) н <b>ч</b> т	ARCRA Anior		
71.10	460	1505	: /AS	57		100-			7		$\neg$
2777	900	Col	7	705		-002			7		Т
7117	(00)	1	n FJ	1111		-003			7		П
5-1712	3	3									T
									+		T
									+		T
									+		Т
								-			Т
								+	+		Т
											Т
								-	1		Т
								-			
Date:	Time:	Relinquished by:	ed by:	Received by: ///	Olive Sure	Date 4	Fil Remarks:				
Date:	Time:	Relinquished by:	ed by:	Received by:		Date	0			all no betator wheels at live stab between	1 5

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-con

## APPENDIX B FORM C141 INITIAL

### NM OIL CONSERVATION

ARTESIA DISTRICT

<u>District I</u> 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

State of New Mexico Energy Minerals and Natural Resources MAR 2 6 2015

Form C-141 Revised August 8, 2011

Subrate College District Office in accordance with 19.15.29 NMAC.

Oil Conservation Division 1220 South St. Francis Dr.

District IV 1220 South St. Francis Dr. 1220 S. St. Francis Dr., Santa Fe, NM 87505 Santa Fe, NM 87505								
Santa								
Release Notification and Corrective Action								
nAB 1508552342	OPERATOR   Initial Report   Final Report							
Name of Company: COG Operating LLC Address: 600 West Illinois Avenue, Midland TX 79701	Contact: Robert McNeill Telephone No. 432-230-0077							
Facility Name: Scared Hawk State Com #1	Facility Type: Well							
Surface Owner: State Mineral Owner	: API No. 30-015-35102							
	DN OF RELEASE  th/South Line   Feet from the   East/West Line   County							
Unit Letter Section Township Range Feet from the Nor A 4 25S 28E 330	North 25 East Eddy							
Latitude32.16563543103	364 Longitude -104.083854368812							
NATURE OF RELEASE								
Type of Release:	Volume of Release: Volume Recovered:							
Produced Water Source of Release:	30 bbls PW   5 bbls PW   Date and Hour of Occurrence: Date and Hour of Discovery:							
Flowline	3/8/2015 11:00 am 3/8/2015 11:00 am							
Was Immediate Notice Given?  ☐ Yes ☐ No ☐ Not Required ☐ If YES, To Whom?  Mike Bratcher – NMOCD								
By Whom? Amanda Trujillo Date and Hour: 3/9/2015 5:49 pm								
Was a Watercourse Reached?  ☐ Yes ☒ No  ☐ If YES, Volume Impacting the Watercourse.								
If a Watercourse was Impacted, Describe Fully.*								
Describe Cause of Problem and Remedial Action Taken.*  This release was caused when the weld in a poly flowline failed to hold. Vacuum trucks were dispatched to recover any standing fluids.								
This release was caused when the weld in a poly nowline laned to hold	. Vacuum trucks were dispatched to recover any standing fidids.							
Describe Area Affected and Cleanup Action Taken.*								
The impacted area occurred within the pasture and road, approximately 150' x 90'. Concho will have the spill site sampled to delineate any possible contamination from the release and we will present a remediation work plan to the NMOCD for approval prior to any significant remediation work.								
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and								
regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability								
should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health								
or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.								
OIL CONSERVATION DIVISION								
Signatura								
Approved by Environmental Specialist:								
Printed Name: Amanda Trujillo  Approved by Environmental Specialist:								
Title: Senior Environmental Coordinator	Approval Date: 32615 Expiration Date: N/A							
E-mail Address: atrujillo@concho.com	Conditions of Approval:							
	Remediation per O.C.D. Rules & Guidelines							
Date: March 25, 2015 Phone: 575-748-6940  * Attach Additional Sheets If Necessary	SUBMIT REMEDIATION PROPOSAL NO							
	LATER THAN: 4126/15 2RP 29/8							