Closure Report

Site Description						
Site Name:	King Cobra 2 State #001H					
Company: COG Operating LLC						
Legal Description:	U/L A, Section 2, T19S, R34E					
County:	Lea County, NM					
GPS Coordinates:	N 32.69609° W 103.52354°					

	Release Data						
Date of Release:	02/17/2016 and 07/26/2016						
Type of Release:	Oil						
Source of Release:	Gasket failure, Dump valve failure						
Volume of Release:	20 bbls, 6 bbls						
Volume Recovered:	15 bbls, 5 bbls						

Remediation Specifications									
Remediation Parameters: Excavate the leak area around SP1 to a depth of 6 inches. Backdrag the overspray area around SP2. Backfill the site with clean soils.									
Remediation Activities:	11/21/2016 to 1	1/21/2016							
Plan Sent to OCD:	11/04/2016	Email from Cliff Brunson to Kristen Lynch							
OCD Approval of Plan:	OCD Approval of Plan: 11/10/2016 Email from Kristen Lynch to Cliff Brunson								
Plan Sent to BLM:	Plan Sent to BLM: n/a n/a								
BLM Approval of Plan:	n/a	n/a							

	Supporting Documentation						
Initial C-141	Signed 08/01/2016						
Final C-141	Signed 11/28/2016						
Site Diagram	October 2016						
Groundwater Plot	75'-100'						
TOPO Maps	October 2016						
Lab Summary	10/03/2016						
Lab Analysis	10/03/2016						
Correspondence	Request and approval of remediation plan via email						

Request for Closure

Based on the completion of the remediation plan as agreed upon, BBC International requests closure approval from NMOCD.

Cliff Brunson, President of BBC International Inc.

11/30/2016

<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 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexic Energy Minerals and Natural

RECEIVED By JKeyes at 10:58 am, Mar 02, 2016

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	e Notification	on and Corrective Actio	n	
		OPERATOR	☐ Initial Report	Final Repor
Name of Company: COG Operating LLC		Contact: Robert McNeill		
Address: 600 West Illinois Avenue, Midland TX	X 79701	Telephone No. 432-230-0077		
Facility Name: KING COBRA 2 STATE #001F	I	Facility Type: Battery		
Surface Owner:	Mineral Owner	r: State	API No. 30-025-4	0388

	LOCATION OF RELEASE									
Unit Letter A	Section 2	Township 19S	Range 34E	Feet from the 460	Control of the Contro	South Line North	Feet from the		Vest Line	County
Α	2	193] 34L				,00	E	East	Lea
				Latitude 32.6	3957741	Longitude	-103.5239563			
				NAT	URE	OF RELI	EASE			
Type of Relea	ise:					Volume of			Volume R	Recovered:
Oil Source of Rel	0000					20 bbls Oil			15 bbls O	
Gasket failure						2/17/2016 (our of Occurrence		Date and I 2/17/2016	Hour of Discovery:
Was Immedia	te Notice C					If YES, To			2/17/2010	0.49 dili
			Yes	No 🛛 Not Re	equired	n to 10000				
By Whom?						Date and H				
Was a Waterc	ourse Reac		Vac 🔽	N-		If YES, Vo	lume Impacting th	ne Water	course.	
			Yes 🛚							
If a Watercou	rse was Imp	oacted, Descri	be Fully.*						× .	
D 1 . C	CD 11	I.D.								
Describe Caus This release v	e of Proble vas caused	m and Remed by a gasket or	iial Action	Taken.* Vacuum trucks	were die	natched to re	cover standing flu	id		
, and release .	ao caasca	oy a gasher of	141 1110	. vacuum trucks	were disp	pateried to re	cover standing nu	ild.		
D " 1	1.00 . 1	1.01								
Describe Area	Affected a	nd Cleanup A	ction Take	en.*						
The majority of	f the releas	e was contain	ed within	the lined facility.	The adja	cent pasture	was impacted by	a sprav o	of oil. Con	cho will have the spill site
sampled to del	ineate any	possible conta	amination	from the release a	nd we w	ill present a	remediation work	plan to t	the NMOC	CD for approval prior to any
significant ren	iediation w	ork.		•						
I hereby certify	that the in	formation giv	en above	is true and comple	ete to the	best of my k	nowledge and un	derstand	that pursu	ant to NMOCD rules and
regulations all	operators a	re required to	report and	d/or file certain re	lease not	ifications and	d perform correcti	ive action	ns for relea	ases which may endanger
should their or	erations ha	ve failed to a	acceptance lequately	or a C-141 repor	t by the I	NMOCD ma	rked as "Final Rej	port" doe	es not relie	eve the operator of liability surface water, human health
or the environi	nent. In ad	dition, NMO	CD accept	ance of a C-141 re	eport doe	es not relieve	the operator of re	sponsibi	ility for cor	mpliance with any other
federal, state, o	r local law	s and/or regul	ations.							
			,				OIL CONS	<u>ERVA</u>	TION I	<u>DIVISION</u>
	-71	+ Lu	1							
Signature:	1220	,	′		Aı	pproved by F	Environmental Spe	ecialist:	1.	X lhyer
B. C. LOT	.						~р		Jam	Tuye.
Printed Name:	Robert Gr	ubbs						P		
Title: Senior Environmental Coordinator						pproval Date	03/02/2016	Ex	piration D	05/02/2016 Pate:
E-mail Address	s: rgrubhs@	concho com			C	onditions of A	A pproval:			
1100100		, sileno.com					Approvar: iples only. Deline	ate and i	remediate	Attached
Date: March 2				e: 432-230-0077		NMOCD gu				1RP 4196
Attach Addition	onal Sheet	s If Necessar	rv							

District | 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

Form C-141 Revised August 8, 2011

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.

Attached

		<u></u>	Rele	ease Notific	eatio	n and Co	orrective A	ction]		
,						OPERA'	ГOR		✓ Initia	al Report	Final Repor
Name of Co			Operatin			Contact:		Rob	ert McNe		
Address:				Aidland TX 797	'0 1	Telephone l	Vo.	432	2-685-430	4	
Facility Nau	ne:	KING COBI	RA 2 STA	ATE #001H		Facility Typ	e:		Flare		
Surface Ow	ner:	State		Mineral C)wner:				API No	. 30-0	25-40388
				LOCA	OITA	N OF RE	LEASE				
Unit Letter A	Section 2	Township 19S	Range 34E	Feet from the 460		h/South Line	Feet from the		Vest Line		County
) <u>A</u>	<u></u>	173	1	**************************************		North	460	<u></u>	East		Lea
				Latitude 32.6	95774	11 Longitude	-103.5239563				
				NAT	URE	OF REL	EASE				
Type of Relea	ise:	0.1				Volume of			Volume R	lecovered:	
Source of Rel	onen:	Oil				Data and I	6bbls Oil our of Occurrence		B . 11	05bbls	
Source of Rei	ousu.	Flare	:				our of Occurrence 6/2016 6:00 pm	e:	Date and I	Hour of Disc 7/26/2016	
Was Immedia	te Notice C					If YES, To				7,20,2010	<u>σ.σο ρια</u>
			Yes 🔲	No 🛛 Not Re	quired						
By Whom?						Date and H	our:				
Was a Watero	ourse Reac					If YES, Vo	lume Impacting th	ie Water	rcourse.		
			Yes 🗵	No							
If a Watercou	rse was Imp	oacted, Descri	be Fully.*		•						
Describe Caus	e of Proble	m and Remed	lial Action	Taken.*							
7	his release	was caused by	y oil dump	valve that failed	causin	g the fluid to g	o to the flare. Rep	placed th	ie dump va	lve on the F	WKO.
Describe Area	Affected a	nd Cleanup A	ction Take	-n.*							
		_									
A 28'X26'in	the adjacen	t pasture was	impacted	by a spray of oil t	Concha	will have the	spill site sampled	to delin	eate any po	ossible conta	mination from the
	release an	id we will pre	sent a rem	ediation work pla	n to the	e NMOCD for	approval prior to	any sign	nificant ren	nediation we	ork.
hereby ce	tify that the	e information	given aho	ve is true and con	nlete t	o the best of m	y knowledge and	undanet	and that me	amanat ta NI	40CD ==1== == 1
regulations	all operator	rs are required	l to report	and/or file certair	releas	e notifications	and perform corre	ective ac	ctions for re	elenses whic	h may endanger
public healt	h or the env	ironment. Th	e acceptar	ice of a C-141 rep	ort by	the NMOCD i	narked as "Final I	Report" (does not re	lieve the op	erator of liability
should their d	operations h	lave failed to a	adequately	investigate and r	emedia	ite contaminati	on that pose a thr	eat to gr	ound water	r, surface wa	ter, human health
or the envi	ronm ent. I	addition, NN	MOCD acc	eptance of a C-14	I repo	rt does not reli cal laws and/or	eve the operator of	of respon	sibility for	compliance	with any other
***************************************		·····		rederal, state	;, OF 100	cai iaws and/oi		EDVA	TICANT	717/1010	
Signature:		721	+ /1_	-1	Ì		OIL CONS	ERVE	LIONI	DIVISIO	<u>N</u>
				/	***************************************						
Printed Name:		Robert	Grubbs Jr			Approved by I	invironmental Spe	ecialist:	M.		
Title:	S	enior Environi	mental Co	ordinator	1	Approval Date	•	r.	piration D	inte:	
						Abition Date	·	1 12.7	quiadon D	aic,	
E-mail Addres	s:	rgrubbs@	concho.co	m		Conditions of .	Approval:				

Conditions of Approval:

Phone: 432-685-4304

* Attach Additional Sheets If Necessary

Date: August 1, 2016

District I
1625 N. French Dr., Hobbs, NM 88:
District II
District III
District III <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 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**

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

Form C-141

Revised August 8, 2011

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

Release Notification and Corrective Action												
OPERATOR												
Name of Co	mpany: C	OG Operati	ng LLC			Contact: Robert McNeill						
Address: 60			relephone N	lo. 432-685-43	04							
Facility Nam						Facility Typ						
Surface Owr	nami Ctata			Mineral O		C4-4-			l ADINI-	20.025	10200	
Surface Owi	ier: State	<u></u>		Mineral O	wner:	State			J API NO	. 30-025-4	10388	
				LOCA	TION	OF REI	LEASE					
Unit Letter	Section	Township	Range	Feet from the	North/	South Line	Feet from the	East/W	est Line	County		
A 2 19S 34E 460 North 460 East Lea County									y, NM			
	Latitude N 32.69609° Longitude W 103.52354°											
NATURE OF RELEASE												
Type of Relea						Volume of	Release: 20 bbls			Recovered:		
Source of Rel	ease: Gask	et failure					our of Occurrenc	e		Hour of Dis		
Was Immedia	to Matica C	2:9				02/17/2016 If YES, To	@ 6:49 am		02/17/201	6 @ 6:49 a	m	
was immedia	te Notice C	_	Yes [No 🛛 Not Re	quired	11 125, 10	wnom?					
By Whom?						Date and H	our:					
Was a Watero	ourse Read	_				If YES, Vo	lume Impacting t	he Wate	rcourse.			
			Yes 🗵] No								
If a Watercou	rse was Im	pacted, Descri	be Fully.	k .								
Describe Cau	se of Probl	em and Reme	dial Actio	n Taken.*								
T1 1	,		FWW		,,							
This release v	vas caused	by a gasket or	iarwkc). Vacuum trucks	were dis	spatched to re	cover standing H	uid.				
Describe Area	Affected	and Cleanup A	Action Tal									
		-										
				the lined facility.								
remediation p 11/10/2016.	lan was cre	ated. Remed	iation was	completed in acc	ordance	with the rem	ediation plan app	roved by	Kristen L	ynch of NM	OCD v	ia email on
11/10/2016.												
I hereby certi	fy that the i	nformation gi	ven above	is true and comp	ete to th	ne best of my	knowledge and u	nderstan	d that purs	suant to NM	OCD n	ales and
				nd/or file certain re								
				e of a C-141 repo								
				investigate and reptance of a C-141:								
federal, state,				namee of a C 1111	eport at	Jes not rener	e the operator of h	responsi	onny ioi ¢	omphance v	· 1 (11 (11)	Strict 3
							OIL CON	SERV	ATION	DIVISIO	NC	4
G:			1									*
Signature:		Med 1	Z	/								8
Signature: Approved by Environmental Specialist: Ashley Mafwell												
Title: Senior	Environme	ental Coordina	itor			Approval Da	e: 12/1/2022	·	Expiration	Date:	ŕ	
												7
E-mail Addre	ss: rgrubb	s@concho.coi	n		— (Conditions of	Approval:			Attached		#.
Date: No	Date: November 28, 2016 Phone: (432) 683-7443											
Attach Addit				(100) 000 79	-					1		
			-									10
												e
												lea
												Re-

Received by OCD: 12/1/2022 8:46:03 AM

Name of Company: COG Operating LLC

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

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

Initial Report

Form C-141 Revised August 8, 2011

Oil Conservation Division Santa Fe, NM 87505

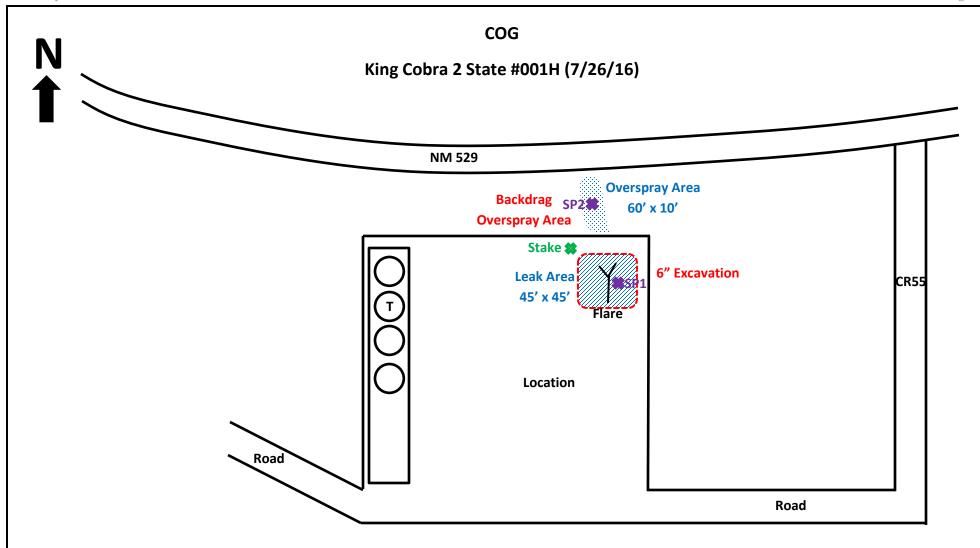
Release Notification and Corrective Action

OPERATOR

Contact: Robert McNeill

1220 South St. Francis Dr.	
Santa Fe. NM 87505	

Facility Name: King Cobra 2 State #001H Facility Type: Flare	Address: 600 West Illinois Avenue, Midland, TX 79701						Telephone No. 432-685-4304				
Unit Letter Section Township Range Feet from the North/South Line Feet from the Last/West Line County	Facility Nan	ne: King (Cobra 2 State	e #001H			Facility Type: Flare				
Unit Letter Section Township Range Feet from the North/South Line Feet from the 460 East Lea County	Surface Own	ner: State			Mineral C	wner:	State			API No	. 30-025-40388
Unit Letter Section Township Range Feet from the North/South Line Feet from the 460 East Lea County					LOCA	TIO	N OF REI	EASE			
NATURE OF RELEASE	Unit Letter	Section	Township	Range					East/W	est Line	County
Type of Release: Oil Source of Release: Failure of the oil dump valve caused fluid to go to the flare Was Immediate Notice Given? Yes No Not Required	A	2	198	34E	460	i	North	460	E	ast	Lea County, NM
Volume of Release: 6 bbls Volume Recovered: 5 bbls				I	_atitude <u>N 32.6</u>	9609°	Longitu	de <u>W 103.5235</u>	4º		
Date and Hour of Discovery Date and Hour	X				NAT	URE	OF REL	EASE			
the flare	Type of Relea	ise: Oil									
Was Immediate Notice Given? Yes No Not Required		lease: Failu	ire of the oil d	ump valve	e caused fluid to g	o to			e		
By Whom? 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 by failure of the oil dump valve, causing oil to go to the flare. A vacuum truck recovered 5 bbls of oil and the dump valve on the FWKO was replaced. Describe Area Affected and Cleanup Action Taken.* The affected area included a 28' x 26' area in the adjacent pasture. The site was sampled and a remediation plan was created. Remediation was completed in accordance with the remediation plan approved by Kristen Lynch of NMOCD via email on 11/10/2016. 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 Signature: Approved by Environmental Specialist: Approved by Environmental Specialist: Approved by Environmental Specialist: Approved by Environmental Specialist: Approved by Environmental Coordinator Approved by Environmental Specialist: Approved by Environmental Coordinator Approved by Environmental Specialist: Approved by Environmental Coordinator Approved by Environmental Coordinator Approved by Envi		ite Notice C	Given?							07/20/201	o @ 0:00 pm
Was a Watercourse Reached?				Yes [No 🛛 Not Re	equired					
Yes ⊠ No If a Watercourse was Impacted, Describe Fully.* Describe Cause of Problem and Remedial Action Taken.* This release was caused by failure of the oil dump valve, causing oil to go to the flare. A vacuum truck recovered 5 bbls of oil and the dump valve on the FWKO was replaced. Describe Area Affected and Cleanup Action Taken.* The affected area included a 28' x 26' area in the adjacent pasture. The site was sampled and a remediation plan was created. Remediation was completed in accordance with the remediation plan approved by Kristen Lynch of NMOCD via email on 11/10/2016. 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											
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This release was caused by failure of the oil dump valve, causing oil to go to the flare. A vacuum truck recovered 5 bbls of oil and the dump valve on the FWKO was replaced. Describe Area Affected and Cleanup Action Taken.* The affected area included a 28' x 26' area in the adjacent pasture. The site was sampled and a remediation plan was created. Remediation was completed in accordance with the remediation plan approved by Kristen Lynch of NMOCD via email on 11/10/2016. 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 Signature: OIL CONSERVATION DIVISION Approved by Environmental Specialist: Ashlay Maquall Title: Senior Environmental Coordinator Approval Date: 12/1/2022 Expiration Date: E-mail Address: rgrubbs@concho.com Conditions of Approval: Attached Date: November 28, 2016 Phone: (432) 683-7443											
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Describe Area Affected and Cleanup Action Taken.* The affected area included a 28' x 26' area in the adjacent pasture. The site was sampled and a remediation plan was created. Remediation was completed in accordance with the remediation plan approved by Kristen Lynch of NMOCD via email on 11/10/2016. 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 Signature: Printed Name: Robert Grubbs Approved by Environmental Specialist: Authory Maywell Approved by Environmental Specialist:	Describe Cau	ise of Froor	em and ixeme	ulai Actio	ii Takeii.						
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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 Signature: Printed Name: Robert Grubbs Approved by Environmental Specialist: Asklay Mapwell Title: Senior Environmental Coordinator Approval Date: 12/1/2022 Expiration Date: Conditions of Approval: Attached Date: November 28, 2016 Phone: (432) 683-7443	Describe Are	a Affected	and Cleanup A	Action Tal	cen.*						
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Signature: Printed Name: Robert Grubbs Approved by Environmental Specialist: Ashley Maxwell Title: Senior Environmental Coordinator Approval Date: 12/1/2022 Expiration Date: E-mail Address: rgrubbs@concho.com Date: November 28, 2016 Phone: (432) 683-7443					stance of a C-141	report d	loes not reliev	e the operator of	responsi	bility for c	ompliance with any other
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Printed Name: Robert Grubbs Approved by Environmental Specialist: Ashley Mafwell Title: Senior Environmental Coordinator Approval Date: 12/1/2022 Expiration Date: E-mail Address: rgrubbs@concho.com Date: November 28, 2016 Phone: (432) 683-7443					/			<u>OIL COIN</u>	<u>DDIC!</u>		<u> </u>
Title: Senior Environmental Coordinator Approval Date: 12/1/2022 Expiration Date: E-mail Address: rgrubbs@concho.com Conditions of Approval: Attached Date: November 28, 2016 Phone: (432) 683-7443	Signature:	10	1+17								
Title: Senior Environmental Coordinator Approval Date: 12/1/2022 Expiration Date: E-mail Address: rgrubbs@concho.com Conditions of Approval: Attached Date: November 28, 2016 Phone: (432) 683-7443	Printed Name: Robert Grubbs Approved by Environmenta						Environmental S	pecialist	· A	shley Maxwell	
Date: November 28, 2016 Phone: (432) 683-7443	Title: Senior	Title: Senior Environmental Coordinator						te: 12/1/2022	2 1		
Date: November 28, 2016 Phone: (432) 683-7443	E-mail Addre	ess: rgrubb	s@concho.co	m			Conditions o	f Approval:			
					(432) 683-7443						Attached .
					(402) 000-1440						



U/L A, Section 2, T19S, R34E

Lea County, NM

N 32.69609° W 103.52354°

API# 30-025-40388

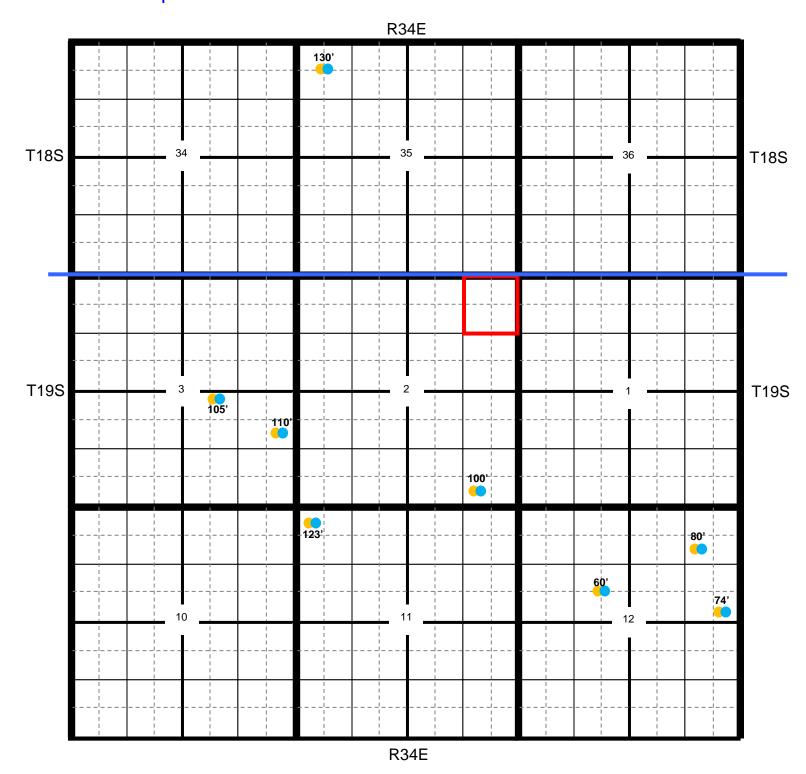
COG
King Cobra 2 State #001H
Date: 10/04/2016 DRWG by: K. Purvis
NOT TO SCALE File: COG 2016

Groundwater Plot

COG King Cobra 2 State #001H

CountyUnit LetterSectionTownshipRangeLeaA219S34E

Trend Map 75'-100'



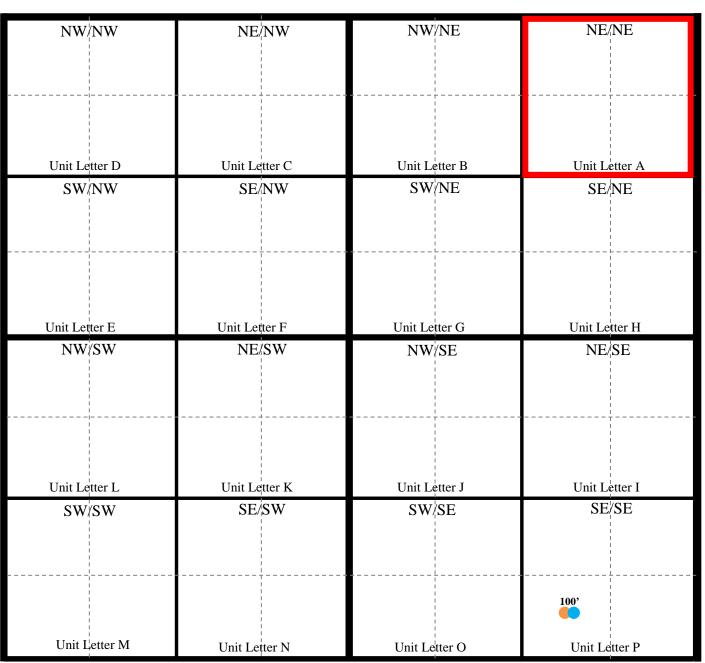
Section Quarters

COG King Cobra 2 State #001H

CountyUnit LetterSectionTownshipRangeLeaA219S34E

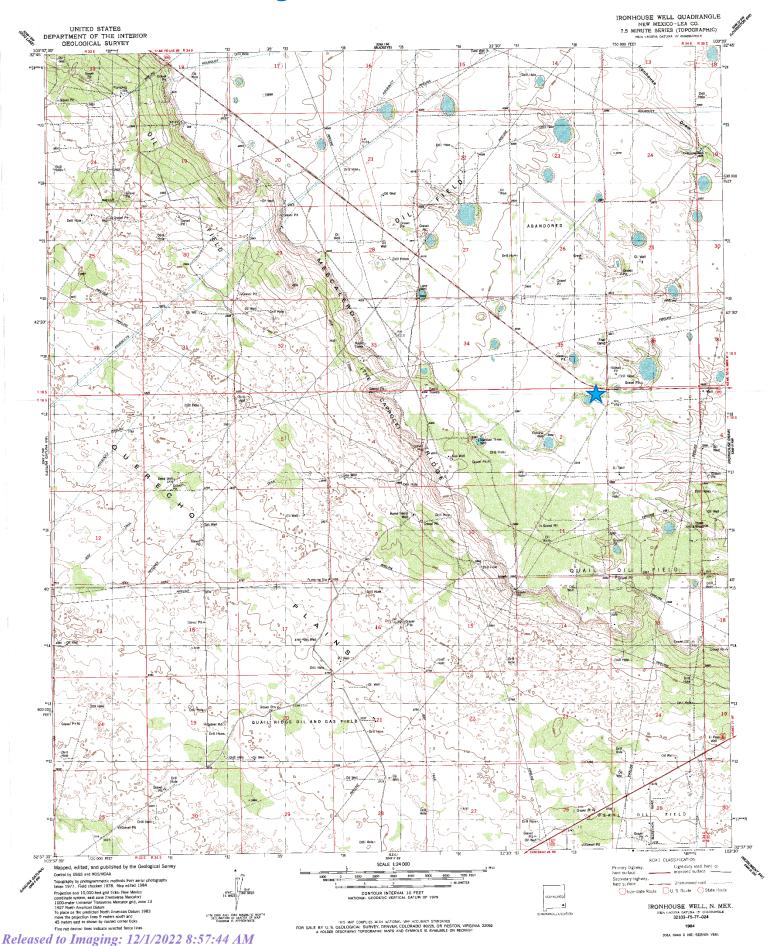
Trend Map 75'-100'

1



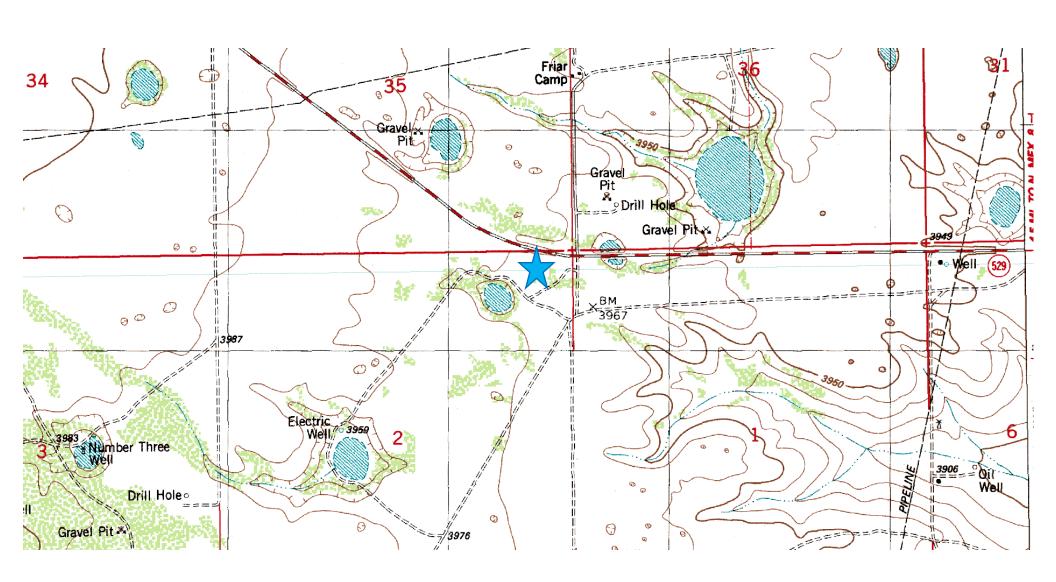
3

King Cobra 2 State #001H



COG

King Cobra 2 State #001H



Laboratory Analytical Results Summary King Cobra 2 State #001H

		Sample	SP1 @ SURFACE	SP1 @ 1'	SP1 @ 2'
Analyte	Method	Date	10/3/16	10/3/16	10/3/16
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050
Toluene	BTEX 8021B		< 0.050	< 0.050	< 0.050
Ethylbenzene	BTEX 8021B		0.133	< 0.050	< 0.050
Total Xylenes	BTEX 8021B		0.312	< 0.150	<0.150
Total BTEX	BTEX 8021B		0.445	< 0.300	< 0.300
GRO	TPH 8015M		<50.0	<10.0	<10.0
DRO	TPH 8015M		2080	<10.0	<10.0

		Sample	SP2 @ SURFACE	SP2 @ 1'	SP2 @ 2'
Analyte	Method	Date	10/3/16	10/3/16	10/3/16
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050
Toluene	BTEX 8021B		< 0.050	< 0.050	< 0.050
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	< 0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	< 0.150
Total BTEX	BTEX 8021B		< 0.300	< 0.300	< 0.300
GRO	TPH 8015M		<10.0	<10.0	<10.0
DRO	TPH 8015M		243	256	<10.0



October 13, 2016

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: KING COBRA 2 STATE #001H

Enclosed are the results of analyses for samples received by the laboratory on 10/06/16 16:35.

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 www.tceq.texas.gov/field/ga/lab accred certif.html.

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

Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 10/06/2016 Sampling Date: 10/03/2016

Reported: 10/13/2016 Sampling Type: Soil

Project Name: KING COBRA 2 STATE #001H Sampling Condition: Cool & Intact
Project Number: COG Sample Received By: Jodi Henson

Project Location: LEA COUNTY, NM

Sample ID: SP 1 @ SURFACE (H602258-01)

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	10/11/2016	ND	2.19	109	2.00	0.609	
Toluene*	<0.050	0.050	10/11/2016	ND	2.24	112	2.00	1.35	
Ethylbenzene*	0.133	0.050	10/11/2016	ND	2.18	109	2.00	1.08	
Total Xylenes*	0.312	0.150	10/11/2016	ND	6.58	110	6.00	1.07	
Total BTEX	0.445	0.300	10/11/2016	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 73.6-14	0						
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	<50.0	50.0	10/08/2016	ND	185	92.3	200	5.29	
DRO >C10-C28	2080	50.0	10/08/2016	ND	199	99.4	200	0.107	
Surrogate: 1-Chlorooctane	84.4	% 35-147	,						
Surrogate: 1-Chlorooctadecane	134	% 28-171							

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 10/06/2016 Sampling Date: 10/03/2016

Reported: 10/13/2016 Sampling Type: Soil

Project Name: KING COBRA 2 STATE #001H Sampling Condition: Cool & Intact
Project Number: COG Sample Received By: Jodi Henson

Project Location: LEA COUNTY, NM

Sample ID: SP 1 @ 1' (H602258-02)

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	10/11/2016	ND	2.19	109	2.00	0.609	
Toluene*	<0.050	0.050	10/11/2016	ND	2.24	112	2.00	1.35	
Ethylbenzene*	<0.050	0.050	10/11/2016	ND	2.18	109	2.00	1.08	
Total Xylenes*	<0.150	0.150	10/11/2016	ND	6.58	110	6.00	1.07	
Total BTEX	<0.300	0.300	10/11/2016	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 73.6-14	0						
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	10/08/2016	ND	185	92.3	200	5.29	
DRO >C10-C28	<10.0	10.0	10/08/2016	ND	199	99.4	200	0.107	
Surrogate: 1-Chlorooctane	82.0	% 35-147	,						
Surrogate: 1-Chlorooctadecane	88.2	% 28-171							

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 10/06/2016 Sampling Date: 10/03/2016

Reported: 10/13/2016 Sampling Type: Soil

Project Name: KING COBRA 2 STATE #001H Sampling Condition: Cool & Intact
Project Number: COG Sample Received By: Jodi Henson

Project Location: LEA COUNTY, NM

Sample ID: SP 1 @ 2' (H602258-03)

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	10/11/2016	ND	2.19	109	2.00	0.609	
Toluene*	<0.050	0.050	10/11/2016	ND	2.24	112	2.00	1.35	
Ethylbenzene*	<0.050	0.050	10/11/2016	ND	2.18	109	2.00	1.08	
Total Xylenes*	<0.150	0.150	10/11/2016	ND	6.58	110	6.00	1.07	
Total BTEX	<0.300	0.300	10/11/2016	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 73.6-140	9						
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	10/08/2016	ND	185	92.3	200	5.29	
DRO >C10-C28	<10.0	10.0	10/08/2016	ND	199	99.4	200	0.107	
Surrogate: 1-Chlorooctane	81.3	% 35-147							
Surrogate: 1-Chlorooctadecane	85.4	% 28-171							

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 10/06/2016 Sampling Date: 10/03/2016

Reported: 10/13/2016 Sampling Type: Soil

Project Name: KING COBRA 2 STATE #001H Sampling Condition: Cool & Intact
Project Number: COG Sample Received By: Jodi Henson

Project Location: LEA COUNTY, NM

Sample ID: SP 2 @ SURFACE (H602258-04)

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	10/11/2016	ND	2.19	109	2.00	0.609	
Toluene*	<0.050	0.050	10/11/2016	ND	2.24	112	2.00	1.35	
Ethylbenzene*	<0.050	0.050	10/11/2016	ND	2.18	109	2.00	1.08	
Total Xylenes*	<0.150	0.150	10/11/2016	ND	6.58	110	6.00	1.07	
Total BTEX	<0.300	0.300	10/11/2016	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 73.6-140	0						
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	10/08/2016	ND	185	92.3	200	5.29	
DRO >C10-C28	243	10.0	10/08/2016	ND	199	99.4	200	0.107	
Surrogate: 1-Chlorooctane	76.1	% 35-147							
Surrogate: 1-Chlorooctadecane	89.6	% 28-171							

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Celey D. Keine



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 10/06/2016 Sampling Date: 10/03/2016

Reported: 10/13/2016 Sampling Type: Soil

Project Name: KING COBRA 2 STATE #001H Sampling Condition: Cool & Intact
Project Number: COG Sample Received By: Jodi Henson

Project Location: LEA COUNTY, NM

Sample ID: SP 2 @ 1' (H602258-05)

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	10/11/2016	ND	2.19	109	2.00	0.609	
Toluene*	<0.050	0.050	10/11/2016	ND	2.24	112	2.00	1.35	
Ethylbenzene*	<0.050	0.050	10/11/2016	ND	2.18	109	2.00	1.08	
Total Xylenes*	<0.150	0.150	10/11/2016	ND	6.58	110	6.00	1.07	
Total BTEX	<0.300	0.300	10/11/2016	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.8	% 73.6-14	0						
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	10/08/2016	ND	185	92.3	200	5.29	
DRO >C10-C28	256	10.0	10/08/2016	ND	199	99.4	200	0.107	
Surrogate: 1-Chlorooctane	82.4	% 35-147	,						
Surrogate: 1-Chlorooctadecane	101 9	% 28-171							

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 10/06/2016 Sampling Date: 10/03/2016

Reported: 10/13/2016 Sampling Type: Soil

Project Name: KING COBRA 2 STATE #001H Sampling Condition: Cool & Intact
Project Number: COG Sample Received By: Jodi Henson

Project Location: LEA COUNTY, NM

Sample ID: SP 2 @ 2' (H602258-06)

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	10/11/2016	ND	2.18	109	2.00	1.38	
Toluene*	<0.050	0.050	10/11/2016	ND	2.27	114	2.00	1.12	
Ethylbenzene*	<0.050	0.050	10/11/2016	ND	2.21	110	2.00	1.03	
Total Xylenes*	<0.150	0.150	10/11/2016	ND	6.66	111	6.00	0.694	
Total BTEX	<0.300	0.300	10/11/2016	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 73.6-14	0						
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	10/08/2016	ND	185	92.3	200	5.29	
DRO >C10-C28	<10.0	10.0	10/08/2016	ND	199	99.4	200	0.107	
Surrogate: 1-Chlorooctane	92.9	% 35-147	,						
Surrogate: 1-Chlorooctadecane	99.3	% 28-171							

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Celey D. Keine



Notes and Definitions

S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.

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

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Celeg D. Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.	(505) 393-2326 FAX (505) 393-2476	101 East Marland, Hobbs, NM 88240	ARDINAL LABORATORIES	क
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	(505) 393-2326 FAX (505) 393-2476	-2476					
Company Name:	BBC International, Inc.		हार्स्ट ७०)		ANALYSIS REQUEST	
Project Manager:	r: Cliff Brunson		P.O. #:				
Address: P.O.	. Box 805		Company: (OG				
city: Hobbs	State: N	NM zip: 88241	Attn: Onhar	Courte			
Phone #: 575-397-6388	397-6388 Fax #:	575-397-0397	Address:	Clama			
Project #:	Project Owner:	wner: (06	City:				
Project Name:	Project Name: King Cobra 2 State #001H		State: Zip:				
Project Location:	n: Lea County, NM		Phone #:				
Sampler Name:	Price Brunson		Fax #:				
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	LING			
Lab I.D.	Sample I.D.	OR (C)OMP TAINERS NDWATER EWATER	R: ASE: OOL	511	EX		
H1602758		# CON GROUI WASTE SOIL OIL	OTHER ACID/B ICE / C OTHER	TIME	BT		
	SP1 @ SURFACE	-	<	11:00 AM	/ /		
2	SP1 @ 1'	61	V 10/3/16	11:30 AM	\		
C	SP1 @ 2'	6-	10/3/16	11:55 AM	\ \		1
+	SP2 @ SURFACE	-	10/3/16	1:20 PM	\		
C	SP2 @ 1'	0-	10/3/16	1:50 PM	`		
6	SP2 @ 2'	-	10/3/16	2:20 PM	\ \		
	All mala						
PLEASE NOTE: Liability and	nd Damanes Cardinal's liability and client's exclusive rom	and for any claim arising whather hand in contr					
analyses. All claims includir service. In no event shall Ca affiliates or successors arisin	analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon part of the above stated reasons or otherwise.	shall be deemed waived unless made in writing and received by Cardinal worlding without limitation, business interruptions, loss of use, or loss of proder by Cardinal, reparalless of whether such claim is based upon any of the	and received by Cardinal within 30 days a ns, loss of use, or loss of profils incurred b lim is based upon any of the above stated	Ifter completion of the apply client, its subsidiaries, reasons or otherwise.	plicable		
Relinquished By:	By: Date: 13/1	Meceived By:	Gelley	Phone Result: Fax Result: REMARKS:	: □ Yes □ No	Add'I Phone #: Add'I Fax #:	
Jenni		Received By:	moun				Halandar
Delivered By:		200	dition CHECKED BY:				
Sampler - UPS	Sampler - UPS - Bus - Other:	VO U BYes Wes	Yes A				

Page 9 of 9

From: Lynch, Kristen, EMNRD

To: <u>Cliff Brunson</u>

 Cc:
 Robert Grubbs; Ken Swinney; Jennifer Gilkey; Kathy Purvis

 Subject:
 RE: COG - King Cobra 2 State #001H - Remediation Plan

Date: Thursday, November 10, 2016 8:08:51 AM

Attachments: 1RP 4196 & 4386 COG Remediation Packet King Cobra 2 State #001H.pdf

Good Morning,

Cliff, after review NMOCD approves this work plan for the above mentioned site. Please specify if this work plan covers both RPs. I would assume it would cover both due to the nature of both releases being in the same area.

Thank You,

Kristen D. Lynch Environmental Specialist, District 1 Oil Conservation Division, EMNRD (575) 393-6161 ext. 111 575-370-3180 (emergency-cell)

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

From: Cliff Brunson [mailto:cbrunson@bbcinternational.com]

Sent: Friday, November 04, 2016 3:28 PM

To: Lynch, Kristen, EMNRD

Cc: Robert Grubbs; Ken Swinney; Jennifer Gilkey; Kathy Purvis **Subject:** COG - King Cobra 2 State #001H - Remediation Plan

Kristen,

This e-mail is to confirm our discussion concerning the remediation plan for the COG King Cobra 2 State #001H release. I have attached the information packet that we used in our discussion with a cover page describing the remediation plan that we agreed upon.

If you would please reply back via e-mail with your concurrence on this plan, it would be greatly appreciated.

Thanks, Cliff

Cliff P. Brunson, CEI, CRS
President
BBC International, Inc.
World-Wide Environmental Specialists
Mailing Address:

P. O. Box 805 Hobbs, NM 88241-0805 USA Shipping Address: 1324 W. Marland St. Hobbs, NM 88240 USA Phone: (575) 397-6388

Fax: (575) 397-0397

E-Mail: cbrunson@bbcinternational.com



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Released to Imaging: 12/1/2022 8:57:44 AM

From: Cliff Brunson

To: "Lynch, Kristen, EMNRD"

Cc: "Robert Grubbs"; "Ken Swinney"; "Jennifer Gilkey"; "Kathy Purvis"

Subject: RE: COG - King Cobra 2 State #001H - Remediation Plan

Date: Monday, November 14, 2016 3:40:52 PM

Kristen,

This is to confirm that this plan will cover both leaks.

Thanks, Cliff

Cliff P. Brunson, CEI, CRS

President

BBC International, Inc.

World-Wide Environmental Specialists

Mailing Address: P. O. Box 805

Hobbs, NM 88241-0805 USA

Shipping Address: 1324 W. Marland St. Hobbs, NM 88240 USA Phone: (575) 397-6388

Phone: (575) 397-6388 Fax: (575) 397-0397

E-Mail: cbrunson@bbcinternational.com



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From: Lynch, Kristen, EMNRD [mailto:Kristen.Lynch@state.nm.us]

Sent: Thursday, November 10, 2016 7:48 AM

To: Cliff Brunson <cbrunson@bbcinternational.com>

Cc: Robert Grubbs <RGrubbs@concho.com>; Ken Swinney <kswinney@bbcinternational.com>; Jennifer Gilkey <jgilkey@bbcinternational.com>; Kathy Purvis <kathy@bbcinternational.com>

Subject: RE: COG - King Cobra 2 State #001H - Remediation Plan

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Thanks, Cliff

Cliff P. Brunson, CEI, CRS
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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 162890

CONDITIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	162890
	Action Type:
	[IM-SD] Incident File Support Doc (ENV) (IM-BNF)

CONDITIONS

Created By	Condition	Condition Date
amaxwe	II None	12/1/2022