SITE INFORMATION

Report Type: Closure Report

General Site Information:				
Site:	Skelly Unit #	975		
Company:	COG Operati	ng LLC		
Section, Township, and Range:	23	17 S	31E	
Lease Number:	API# 30-015-	36356		
County:	Eddy County	, NM		
GPS:	N 32.82613°		W 103.839	923°
Surface Owner:	Federal			
Mineral Owner:				
Directions:			•	wy 82, go East on Hwy 82 for 2 miles, turn East and go 0.2 mile, turn South to location
Réléase Data:				
Date Released:	10/21/2013			
Type of Release:	Oil and prod	uced wate	er	
Source of Contamination:	Chemical inje	ection line	on well	
Fluid Released:	5 bbls of oil			
Fluids Recovered:	5 bbls of pro	duced wa	ter	
Official/Communication:				
Name:	Pat Ellis			Cliff Brunson
Company:	COG Operati	ng LLC		BBC International, Inc.
Address:	550 W. Texas	Ave., Ste	. 1300	1324 W. Marland
PO Box:				PO Box 805
City, State, Zip Code:	Midland, TX			Hobbs, NM 88241
Phone Number:	(432) 686-30	23		(575) 397-6388
Fax:	(432) 684-71	37		(575) 397-0397
Email:	pellis@conch	oresource	es.com	cbrunson@bbcinternational.com
Ranking Criteria:				
Depth to Groundwater:	Ran	king Sco	re	Site Data
<50 ft.		20		
50-99 ft.		10		
>100 ft.		0		0
Well Head Protection:	Ran	king Sco	re	Site Data
Water Source <1,000 ft., Private <200		20		
Water Source >1,000 ft., Private >200		0		0
Surface Body of Water:	Ran	king Sco	re	Site Data
		20		
<200 ft.				
<200 ft. 200 ft 1,000 ft.		10		

NM OIL CONSERVATION

ARTESIA DISTRICT

JUN 06 2014

Acceptab	le Soil RRA	L (mg/kg)
Benzene	Total BTEX	TPH
10	50	5000



COG Operating LLC

Skelly Unit #975

(Release Date 10/21/2013)

Unit B, Section 23, Township 17 South, Range 31 East Eddy County, New Mexico
GPS: N 32.82613° W 103.83923°

ENVIRONMENTAL SITE INVESTIGATION

CLOSURE REPORT

PERFORMED BY:

BBC INTERNATIONAL, INC.
WORLD-WIDE ENVIRONMENTAL SPECIALISTS
1324 W. MARLAND BLVD.
P. O. BOX 805
HOBBS, NEW MEXICO 88240
(575) 397-6388 • FAX (575) 397-0397

June 4, 2014

PREPARED FOR:

MR. PAT ELLIS
MANAGER, HSE
COG OPERATING LLC
FASKEN CENTER TOWER II
550 WEST TEXAS AVENUE, SUITE 100
MIDLAND, TEXAS 79701

Mr. Mike Bratcher Compliance Officer Oil Conservation Division, District 2 811 South First Artesia, NM 88210

Re: Closure Report for COG Operating LLC, Skelly Unit #975, Unit B, Section 23, Township 17 South, Range 31 East, Eddy County, NM

1.0 SITE CHARACTERIZATION

The subject site is located East of Maljamar, NM, in Section 23, Township 17 South, and Range 31 East, Eddy County, New Mexico. The GPS coordinates are N 32.82613° W 103.83923°. The site consists of undeveloped rangeland and petroleum production facilities. On October 21, 2013, a leak occurred in a chemical injection line on the well. The spill measured roughly 85 feet in length and 45 feet in width. Approximately 5 bbls of oil were released and 5 bbls of produced water were recovered.

A diagram of the location including the sample points can be reviewed in Appendix I of this report. The surface soil is tan or reddish sand with caliche and rock. There is no water source within 1,000 feet of this site. Based on the data from the Eddy County Groundwater Trend Map, the depth to groundwater in Section 23, Township 17 South, and Range 31 East is approximately 300 feet. The initial C-141 for the leak is at the end of this report in Appendix III.

2.0 SITE INVESTIGATION ACTIVITIES

On November 13, 2013, and November 14, 2013, BBC personnel conducted a delineation of the site using a hand auger. The site delineation occurred after initial spill response activities had been conducted by COG. Sample points were taken at the surface, at 1 foot, and at 2 feet in the area of SP1. At SP2, samples were taken at the surface and at depths of 2 feet, 4 feet, and 6 feet. Sample points were taken at 1 foot, 2 feet, and 3 feet at SP3. And, at SP4 samples were taken at the surface and at depths of 1 foot and 2 feet. The samples were delivered to Cardinal Laboratories for BTEX, chloride content, and TPH analysis. The total BTEX results were as follows: 3.53 mg/Kg at SP1 at the surface, and below reporting limits for SP1 at 1 foot and 2 foot. For SP2 and SP3, total BTEX was below reporting limits at all depths including surface. For SP4, total BTEX was 2.29 mg/Kg at the surface and below reporting limits at 1 foot and 2 feet. Chloride content results were 2,240 mg/Kg at SP1 at the surface, 320 mg/Kg at 1 foot, and 112 mg/Kg at 2 feet. At SP2, chloride results were 3,080 mg/Kg at the surface, 7,280 mg/Kg at 2 feet, 14,800 mg/Kg at 4 feet, and 1,880 mg/Kg at 6 feet. The chloride results at SP3 were 464 mg/Kg at 1 foot, 352 mg/Kg at 2 feet, and 160 mg/Kg at 3 feet. At SP4, the chloride results were 4,480 mg/Kg at the

surface, 48 mg/Kg at 1 foot, and 1,140 mg/Kg at 2 feet. The TPH results were as follows: All samples at SP1 were below reporting limits except the DRO at SP1 at the surface which was 135 mg/Kg. The GRO for SP2 were all below reporting limits but the DRO were 20.8 mg/Kg at the surface, 34.6 mg/Kg at 2 feet, 13.8 mg/Kg at 4 feet, and 67.4 mg/Kg at 6 feet. All TPH results for SP3 and SP4 were below reporting limits except the DRO for SP4 at the surface which was 112 mg/Kg.

Upon review of the initial chloride results, it was determined that additional sampling would need to be completed at SP2 and SP4. Therefore, on December 19, 2013, using a backhoe, additional samples were conducted 7 feet, 8 feet, and 9 feet at SP2 and at 4 feet at SP4. The samples were taken to Cardinal Laboratories for chloride content sampling. The results of the analysis for SP2 were 784 mg/Kg at 7 feet, 64 mg/Kg at 8 feet, and 32 mg/Kg at 9 feet. The results at SP4 were 32 mg/Kg at 4 feet. The results of the analysis are located in Appendix II of this report. The sample point locations can be viewed on the site diagram in Appendix I of this report.

3.0 CONCLUSION AND RECOMMENDATION

On February 19, 2014, Cliff Brunson with BBC International met with Mike Bratcher of NMOCD to discuss the proposed remediation plan for this site. Mike Bratcher approved the plan during the meeting and the correspondence correlating this conversation can be located in Appendix IV of this report.

On February 25, 2014, the proposed remediation plan for this site was sent via email to Mike Burton of the BLM requesting his approval. Mr. Burton approved the plan with two stipulations: the area around SP2 should be excavated to at least 4 feet to remove most of the chloride contamination, and that confirmation sidewall samples be obtained to verify removal of any horizontal contamination. Email correspondence is located in Appendix IV of this report.

In accordance with the approved remediation plan, excavation was completed by removing the impacted soil to a depth of 6 inches across the entire leak site, except in the area of SP2. In this area, impacted soil was removed to a depth of 4 feet. Confirmation sidewall samples were obtained at the request of the BLM and the results of those samples were all below reporting limits. Results of the analysis of these samples are located in Appendix II of this report. Once, confirmation sample results were verified to be below reporting limits, the site was backfilled with clean soil.

Thus, BBC International requests closure of this site since all remediation activities have been completed as described in the approved plan. Also, a final C-141 is located in Appendix III of this report.

APPENDIX I

Site Diagram November 2013

Skelly Unit #975 (10/21/2013)

Unit B, Section 23, Township 17 South, Range 31 East Eddy County, NM GPS: N 32.82613° W 103.83923°

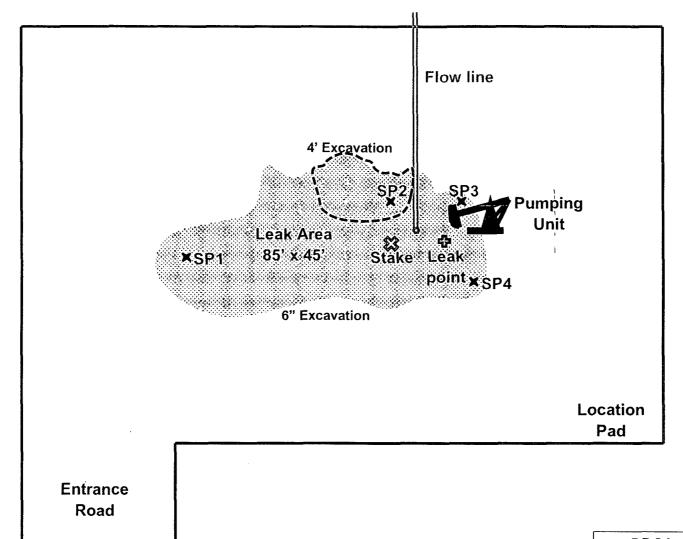
> Prepared for: COG Operating LLC Midland, Texas

Prepared by: BBC International, Inc.



COG

Skelly Unit #975



U/L B, Section 23, T17S, R31E 500'FNL and 2310'FEL Eddy County, NM N 32.82613° W 103.83923° at stake API# 30-01536356

BBC Inter	rnational, Inc.
	COG
Skelly	/ Unit #975
Date: 11/7/13	DRWG by: K. Purvis
NOT TO SCALE	File: COG 2013



Groundwater Plot

COG Skelly Unit #975

County Eddy

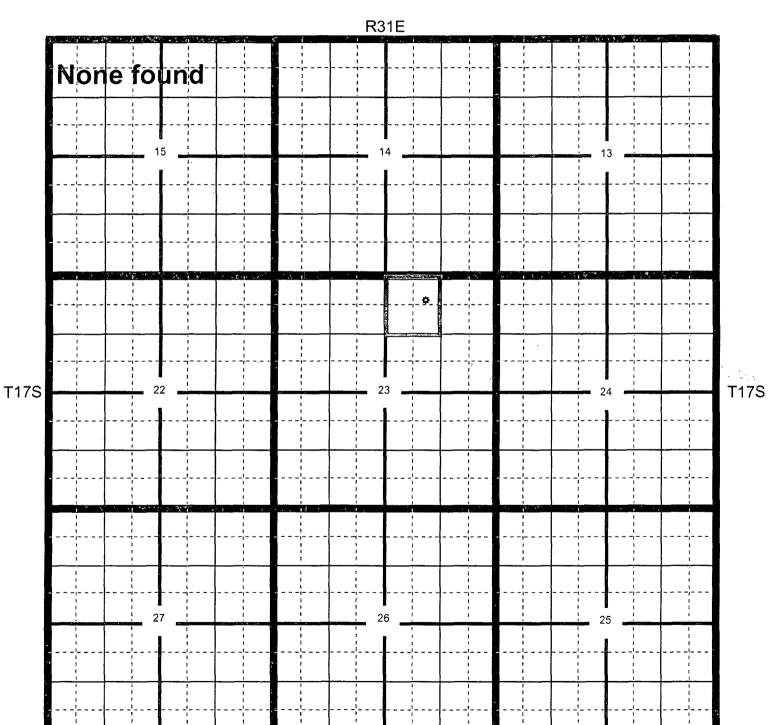
Unit Letter

Section 23

Township 17S Range 31E

Trend Map

300'



R31E

OCD

OUSGS

© SEO

All Databases



Section Quarters

COG Skelly Unit #975

County Eddy *Unit Letter* B Section 23

Township 17S Range 31E

Trend Map 300'

1

2

NW/NW	NENW	NW/NE	NE/NE		
None found	1 1 1 1 1	❖	1		
Unit Letter D	Unit Letter C	Unit Letter B	Unit Letter A		
SW/NW	SE/NW	SW/NE	SE/NE		
Unit Letter E	Unit Letter F	Unit Letter G	Unit Letter H		
NW/SW	NE/SW	NW/SE	NE/SE		
Unit Letter L	Unit Letter K	Unit Letter J	Unit Letter I		
SW/SW	SE/SW	SW/SE	SE/SE		
			, , , ,		
) ; ; ; 1				
Unit Letter M	Unit Letter N	Unit Letter O	Unit Letter P		

3

4

o OCD

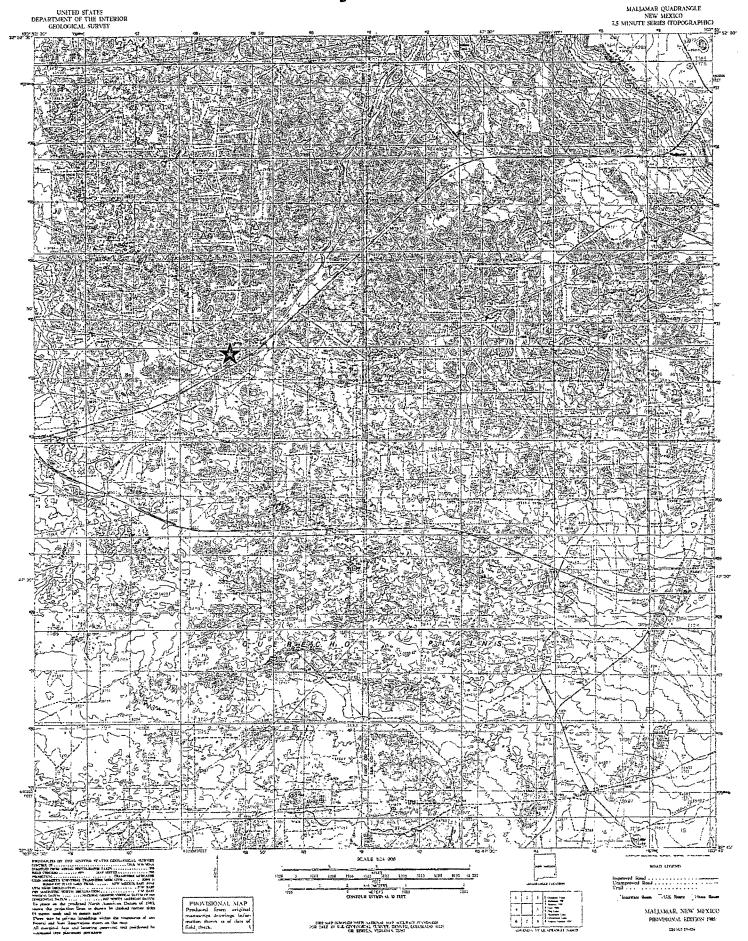
o USGS

o SEO

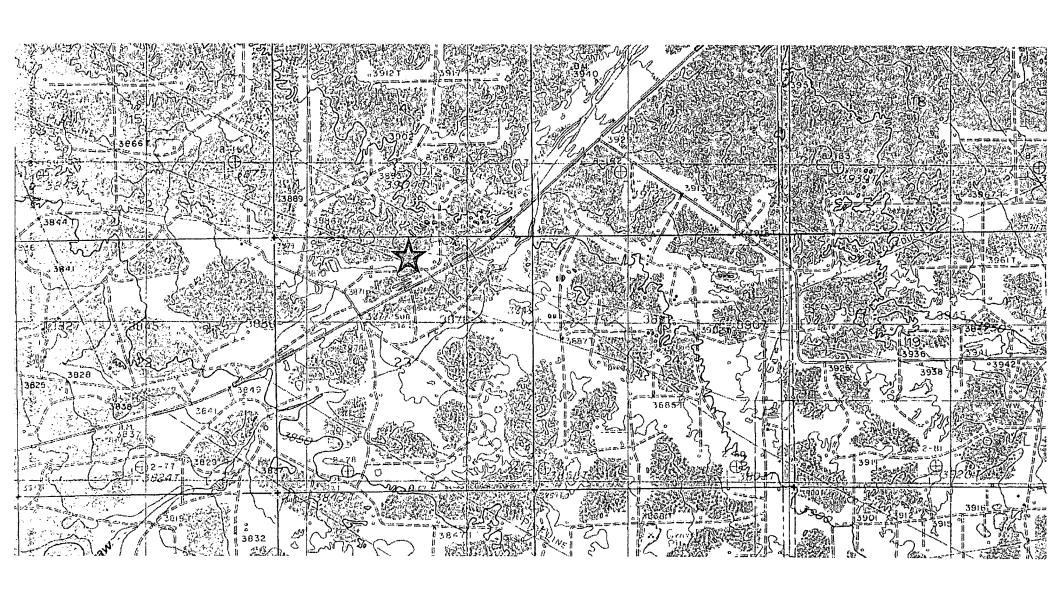
• All Databases

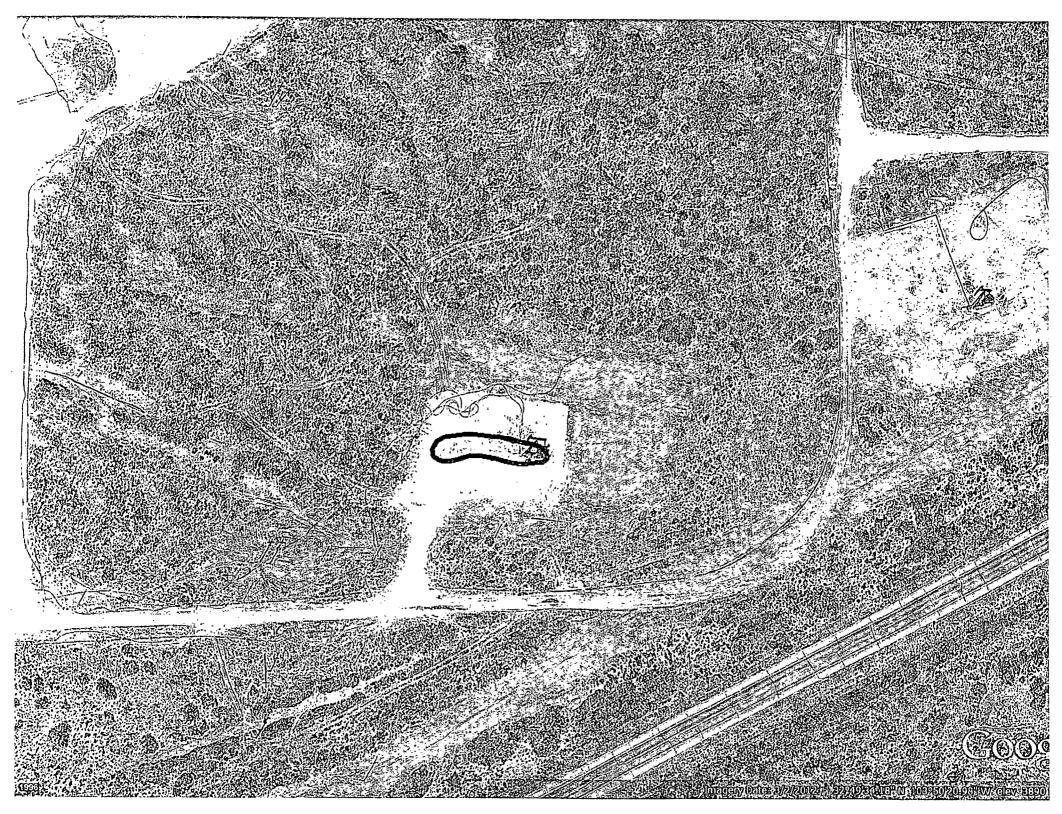
COG

Skelly Unit #975



COG Skelly Unit #975





APPENDIX II

Laboratory Analytical Results

November 2013, December 2013, and April 2014

Skelly Unit #975 (10/21/2013)

Unit B, Section 23, Township 17 South, Range 31 East Eddy County, NM GPS: N 32.82613° W 103.83923°

Prepared for: COG Operating LLC Midland, Texas

Prepared by: BBC International, Inc.

Laboratory Analytical Results Summary COG, Skelly Unit #975

		Sample	SP1:@ SURFACE	SP1.@.1	SP1.@ 2: a
Analyte	Method	Date	11/13/*13	11/13/13	11/13/13
			mg/Kg: *	mg/Kg	img/Kg
Benzene	BTEX 8021B		0.108	<0.050	<0.050
Toluene	BTEX 8021B		1.33	<0.050	<0.050
Ethylbenzene	BTEX 8021B		0.887	<0.050	<0.050
Total Xylenes	BTEX 8021B		1.2	<0.150	<0.150
Total BTEX	BTEX 8021B		3.53	< 0.300	< 0.300
Chloride	SM4500CI-B		2240	320	112
GRO	TPH 8015M		<10.0	<10.0	<10.0
DRO	TPH 8015M		135	<10.0	<10.0

		Sample	SP2@p	SP2 @ 2	SP2@4's	SP2@6	SP2@7'-	SP2@8'	SP2 @ 9'4.
Analyte	Method	Date	11/13/*13	11/13/13	11/14/13	11/14/13	12/19/13	12/19/13	12/19/13
			mg/Kg	emg/Kg	j∜ mg/Kg/a∕	mg/Kg	.∻mg/Kg	mg/Kg	mg/Kg 💝
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	n/a	n/a	n/a
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		0.077	<0.050	<0.050	<0.050	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	n/a	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	n/a	n/a	n/a
Chloride	SM4500CI-B		3080	7280	14800	1880	784	64	32
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	n/a	n/a	n/a
DRO	TPH 8015M		20.8	34.6	13.8	67.4	n/a	n/a	n/a

		Sample	SP3@1!	SP3@25	*SP3@3
Analyte	Method	Date	11/14/13	11/14/13	11/14/13
			mg/kg	∵(mg/Kg ∵	رخے 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
Chloride	SM4500CI-B		464	352	160
GRO	TPH 8015M		<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0

		Sample	SP4@	SP4 @ 1#	SP4.@2;	SP4 @ 4"
Analyte	Method	Date	11/14/13	11/14/13	11/14/13	12/19/13
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	n/a
Toluene	BTEX 8021B		0.495	<0.050	<0.050	n/a
Ethylbenzene	BTEX 8021B		0.695	<0.050	<0.050	n/a
Total Xylenes	BTEX 8021B		1.1	<0.150	<0.150	n/a
Total BTEX	BTEX 8021B		2.29	<0.300	<0.300	n/a
Chloride	SM4500CI-B		4480	48	1140	32
GRO	TPH 8015M		<10.0	<10.0	<10.0	n/a
DRO	TPH 8015M		112	<10.0	<10.0	n/a

Laboratory Analytical Results Summary COG, Skelly Unit #975

		Sample	North Sidewall	e -South Sidewall∗	East Sidewall	
Analyte	Method	Date	4/21/14	4/21/14	4/21/14	4/21/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		<16.0	<16.0	<16.0	<16.0

•



November 27, 2013

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: SKELLY #975

Enclosed are the results of analyses for samples received by the laboratory on 11/21/13 11:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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.

Wite South

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,

Mike Snyder

Organic Supervisor



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To:

(575) 397-0397

Received:

11/21/2013

Sampling Date:

11/13/2013

Reported:

11/27/2013

Sampling Type:

Soil

Project Name:

SKELLY #975

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

LOCO HILLS, NM

Sample ID: SP 1 @ SURFACE (H302849-01)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.108	0.050	11/25/2013	ND	1.95	97.4	2.00	0.491	
Toluene*	1.33	0.050	11/25/2013	ND	1.96	97.8	2.00	0.750	
Ethylbenzene*	0.887	0.050	11/25/2013	ND	1.94	97.1	2.00	2.11	
Total Xylenes*	1.20	0.150	11/25/2013	ND	5.74	95.7	6.00	2.65	
Total BTEX	3.53	0.300	11/25/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIC	111 9	% 89.4-12	6		-			-	
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2240	16.0	11/26/2013	ND	400	100	400	3.92	
ТРН 8015М	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	11/24/2013	ND	171	85.5	200	5.54	
DRO >C10-C28	135	10.0	11/24/2013	ND	161	80.5	200	6.94	
Surrogate: 1-Chlorooctane	93.6	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	89.2	% 63.6-15	4						

Cardinal Laboratories *=Accredited Analyte

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with South



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To:

(575) 397-0397

Received: Reported: 11/21/2013

11/27/2013

Project Name: Project Number: SKELLY #975 NONE GIVEN

Project Location:

LOCO HILLS, NM

Sampling Date:

11/13/2013

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: SP 1 @ 1 FT (H302849-02)

BTEX 80218	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	11/25/2013	ND	1.95	97.4	2.00	0.491	
Toluene*	<0.050	0.050	11/25/2013	ND	1.96	97.8	2.00	0.750	
Ethylbenzene*	<0.050	0.050	11/25/2013	ND .	1.94	97.1	2.00	2.11	
Total Xylenes*	<0.150	0.150	11/25/2013	ND	5.74	95.7	6.00	2.65	
Total BTEX	<0.300	0.300	11/25/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIC	110 9	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	11/26/2013	ND	400	100	400	3.92	
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	11/24/2013	ND	171	85.5	200	5.54	
DRO >C10-C28	<10.0	10.0	11/24/2013	ND	161	80.5	200	6.94	
Surrogate: 1-Chlorooctane	82.4	% 65.2-14	0			······································	······································		
Surrogate: 1-Chlorooctadecane	74.2 9	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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with South



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: Reported: 11/21/2013

11/27/2013

Project Name: Project Number: SKELLY #975 NONE GIVEN

Project Location:

LOCO HILLS, NM

95.0%

90.2 %

65.2-140

63.6-154

Sampling Date:

11/13/2013

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: SP 1 @ 2 FT (H302849-03)

BTEX 80218	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	11/25/2013	ND	1.95	97.4	2.00	0.491	
Toluene*	<0.050	0.050	11/25/2013	ND	1.96	97.8	2.00	0.750	
Ethylbenzene*	<0.050	0.050	11/25/2013	ND	1.94	97.1	2.00	2.11	
Total Xylenes*	<0.150	0.150	11/25/2013	ND	5.74	95.7	6.00	2.65	
Total BTEX	<0.300	0.300	11/25/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIC	110 9	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	11/26/2013	ND	400	100	400	3.92	
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	11/24/2013	ND	171	85.5	200	5.54	
DRO >C10-C28	<10.0	10.0	11/24/2013	ND	161	80.5	200	6.94	

Cardinal Laboratories

Surrogate: 1-Chlorooctane

Surrogate: 1-Chlorooctadecane

*=Accredited Analyte

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wite South



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To:

(575) 397-0397

Received:

11/21/2013

Sampling Date:

11/13/2013

Reported:

11/27/2013

Sampling Type:

Soil

Project Name:

SKELLY #975

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

LOCO HILLS, NM

Sample ID: SP 2 @ SURFACE (H302849-04)

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	11/25/2013	ND	1.95	97.4	2.00	0.491	
Toluene*	<0.050	0.050	11/25/2013	ND	1.96	97.8	2.00	0.750	
Ethylbenzene*	0.077	0.050	11/25/2013	ND	1.94	97.1	2.00	2.11	
Total Xylenes*	< 0.150	0.150	11/25/2013	ND	5.74	95.7	6.00	2.65	
Total BTEX	<0.300	0.300	11/25/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	111 9	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3080	16.0	11/26/2013	ND	400	100	400	3.92	
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	11/24/2013	МD	171	85.5	200	5.54	
DRO >C10-C28	20.8	10.0	11/24/2013	ND	161	80.5	200	6.94	
Surrogate: 1-Chlorooctane	76.9	% 65.2-14	o						
Surrogate: 1-Chlorooctadecane	71.7	% 63.6-15-	4						

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Fax To: (575) 397-0397

Received:

11/21/2013

11/27/2013

Reported: Project Name:

SKELLY #975

Project Number: Project Location: NONE GIVEN LOCO HILLS, NM Sampling Date:

11/13/2013

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: SP 2 @ 2 FT (H302849-05)

BTEX 8021B	mg/	kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/25/2013	ND	1.95	97.4	2.00	0.491	
Toluene*	<0.050	0.050	11/25/2013	ND	1.96	97.8	2.00	0.750	
Ethylbenzene*	<0.050	0.050	11/25/2013	, ND	1.94	97.1	2.00	2.11	
Total Xylenes*	<0.150	0.150	11/25/2013	ND	5.74	95.7	6.00	2.65	
Total BTEX	<0.300	0.300	11/25/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIC	110 9	6 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7280	16.0	11/26/2013	ND	400	100	400	3.92	
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	11/24/2013	ND	171	85.5	200	5.54	
DRO >C10-C28	34.6	10.0	11/24/2013	ND	161	80.5	200	6.94	
Surrogate: 1-Chlorooctane	82.4 9	65.2-14	0						
Surrogate: 1-Chloroociadecane	78.4 9	63.6-15	4						

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Received:

11/21/2013

Sampling Date:

11/14/2013

Reported:

11/27/2013

Sampling Type:

Soil

Project Name:

SKELLY #975 NONE GIVEN

Sampling Condition:

Cool & Intact

Project Number:

Sample Received By:

Jodi Henson

Project Location:

LOCO HILLS, NM

Sample ID: SP 2 @ 4 FT (H302849-06)

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	11/25/2013	ND	1.95	97.4	2.00	0.491	
Toluene*	<0.050	0.050	11/25/2013	ND	1.96	97.8	2.00	0.750	
Ethylbenzene*	<0.050	0.050	11/25/2013	ND	1.94	97.1	2.00	2.11	
Total Xylenes*	< 0.150	0.150	11/25/2013	ND	5.74	95.7	6.00	2.65	
Total BTEX	<0.300	0.300	11/25/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIE	110 9	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14800	16.0	11/26/2013	ND	400	100	400	3.92	
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	11/24/2013	ND	171	85.5	200	5.54	
DRO >C10-C28	13.8	10.0	11/24/2013	ND	161	80.5	200	6.94	
Surrogate: 1-Chlorooctane	75.45	% 65.2-14)						
Surrogate: 1-Chlorooctadecane	73.9 9	63.6-15	<i>‡</i>						

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Received: Reported: 11/21/2013

11/27/2013

Project Name: Project Number: SKELLY #975 NONE GIVEN

Project Location:

LOCO HILLS, NM

Sampling Date:

11/14/2013

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: SP 2 @ 6 FT (H302849-07)

BTEX 8021B	mg/	′kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/25/2013	ND	1.95	97.4	2.00	0.491	
Toluene*	<0.050	0.050	11/25/2013	ND -	1.96	97.8	2.00	0.750	
Ethylbenzene*	<0.050	0.050	11/25/2013	ND	1.94	97.1	2.00	2.11	
Total Xylenes*	<0.150	0.150	11/25/2013	ND	5.74	95.7	6.00	2.65	
Total BTEX	<0.300	0.300	11/25/2013	ND					
Surrogate: 4-Bromöfluorobenzene (PIL	112 9	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1880	16.0	11/26/2013	ND	400	100	400	3.92	
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	11/24/2013	ND	171	85.5	200	5.54	
DRO >C10-C28	67.4	10.0	11/24/2013	ND	161	80.5	200	6.94	
Surrogate: 1-Chlorooctane	85.9 9	% 65.2-14	0			· · · · · · · · · · · · · · · · · · ·			
Surrogate: 1-Chloroociadecane	86.1	% 63.6-15	4						

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Received:

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Sampling Date:

11/14/2013

Reported:

11/27/2013

Sampling Type:

Soil

Project Name:

SKELLY #975

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

LOCO HILLS, NM

Sample ID: SP 3 @ 1 FT (H302849-08)

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	11/25/2013	ND	1.95	97.4	2.00	0.491	
Toluene*	<0.050	0.050	11/25/2013	ND	1.96	97.8	2.00	0.750	
Ethylbenzene*	<0.050	0.050	11/25/2013	ND	1.94	97.1	2.00	2.11	
Total Xylenes*	<0.150	0.150	11/25/2013	ND	5.74	95.7	6.00	2.65	
Total BTEX	<0.300	0.300	11/25/2013	ND	,				
Surrogate: 4-Bromofluorobenzene (PIL	110 9	6 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP	•				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	11/26/2013	ND	400	100	400°	3.92	
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	11/24/2013	ND	171	85.5	200	5.54	
DRO >C10-C28	<10.0	10.0	11/24/2013	ND	161	80.5	200	6.94	
Surrogate: 1-Chlorooctane	82.45	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	78.8 9	63.6-15	4						

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Received:

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Sampling Date:

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Reported:

11/27/2013

Sampling Type:

Soil

Project Name:

SKELLY #975 NONE GIVEN

Sampling Condition: Sample Received By:

Cool & Intact Jodi Henson

Project Number: Project Location:

LOCO HILLS, NM

Sample ID: SP 3 @ 2 FT (H302849-09)

BTEX 8021B	mg/	kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/25/2013	ND	1.95	97.4	2.00	0.491	
Toluene*	<0.050	0.050	11/25/2013	ND	1.96	97.8	2.00	0.750	
Ethylbenzene*	<0.050	0.050	11/25/2013	ND	1.94	97.1	2.00	2.11	
Total Xylenes*	<0.150	0.150	11/25/2013	ND	5.74	95.7	6.00	2.65	
Total BTEX	<0.300	0.300	11/25/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	111 9	6 89.4-12	6	***************************************					
Chloride, SM4500Cl-B	mg/	kg	Analyze	ed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	11/26/2013	ND	400	100	400	3.92	
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	11/24/2013	ND	171	85.5	200	5.54	
DRO >C10-C28	<10.0	10.0	11/24/2013	ND	161	80.5	200	6.94	
Surrogate: 1-Chlorooctane	98.15	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	98.5	% 63.6-15	4						

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Received:

11/21/2013

Sampling Date:

11/14/2013

Reported:

11/27/2013

Sampling Type:

Soil

Project Name:

SKELLY #975

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

LOCO HILLS, NM

Sample ID: SP 3 @ 3 FT (H302849-10)

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	11/25/2013	ND	1.95	97.4	2.00	0.491	
Toluene*	< 0.050	0.050	11/25/2013	ND	1.96	97.8	2.00	0.750	
Ethylbenzene*	<0.050	0.050	11/25/2013	ND	1.94	97.1	2.00	2.11	
Total Xylenes*	<0.150	0.150	11/25/2013	ND	5.74	95.7	6.00	2.65	
Total BTEX	<0.300	0.300	11/25/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIE	110 %	6 89.4-12	5						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP	**			-	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	11/26/2013	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS		·			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	8S	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/24/2013	ND	171	85.5	200	5.54	
DRO >C10-C28	<10.0	10.0	11/24/2013	ND	161	80.5	200	6.94	
Surrogate: 1-Chlorooctane	82.79	6 65.2-140)						
Surrogate: 1-Chlorooctadecane	79.19	63.6-15-	<i>t</i>						

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Received:

11/21/2013

Sampling Date:

11/14/2013

Reported:

11/27/2013

Sampling Type:

Soil

Project Name:

SKELLY #975

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

LOCO HILLS, NM

Sample ID: SP 4 @ SURFACE (H302849-11)

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	11/25/2013	ND	1.95	97.4	2.00	0.491	
Toluene*	0.495	0.050	11/25/2013	ND	1.96	97.8	2.00	0.750	
Ethylbenzene*	0.695	0.050	11/25/2013	ND	1.94	97.1	2.00	2.11	
Total Xylenes*	1.10	0.150	11/25/2013	ND	5.74	95.7	6.00	2.65	
Total BTEX	2.29	0.300	11/25/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	113 9	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4480	16.0	11/26/2013	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	11/24/2013	ND	171	85.5	200	5.54	
DRO >C10-C28	112	10.0	11/24/2013	ND	161	80.5	200	6.94	
Surrogate: 1-Chlorooctane	97.0 9	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	110 %	63.6-15	4						

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Received: Reported: 11/21/2013

11/27/2013

Project Name: Project Number: SKELLY #975 NONE GIVEN

Project Location:

LOCO HILLS, NM

Sampling Date:

11/14/2013

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: SP 4 @ 1 FT (H302849-12)

BTEX 8021B	mg/	kg	Analyze	d By: MS	*	<u></u>			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/25/2013	ND	1.95	97.4	2.00	0.491	
Toluene*	<0.050	0.050	11/25/2013	ND	1.96	97.8	2.00	0.750	
Ethylbenzene*	<0.050	0.050	11/25/2013	ND	1.94	97.1	2.00	2.11	
Total Xylenes*	<0.150	0.150	11/25/2013	ND	5.74	95.7	6.00	2.65	
Total BTEX	<0.300	0.300	11/25/2013	ND		-			
Surrogate: 4-Bromofluorobenzene (PIC	111 9	6 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/26/2013	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	11/24/2013	ND	171	85.5	200	5.54	
DRO >C10-C28	<10.0	10.0	11/24/2013	ND	161	80.5	200	6.94	
Surrogate: 1-Chlorooctane	95.5	% 65.2-14	0					 	
Surrogate: 1-Chlorooctadecane	94.2 9	63.6-15	4						

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Fax To:

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Received:

11/21/2013

Sampling Date:

11/14/2013

Reported:

Sampling Type:

Soil

Project Name:

11/27/2013 SKELLY #975

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

LOCO HILLS, NM

Sample ID: SP 4 @ 2 FT (H302849-13)

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	11/25/2013	ND	2.14	107	2.00	0.779	
Toluene*	<0.050	0.050	11/25/2013	ND	2.10	105	2.00	0.448	
Ethylbenzene*	< 0.050	0.050	11/25/2013	ND	2.05	103	2.00	0.544	
Total Xylenes*	<0.150	0.150	11/25/2013	ND	6.00	99.9	6.00	0.513	
Total BTEX	<0.300	0.300	11/25/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIC	110 %	6 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1140	16.0	11/26/2013	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	11/24/2013	ND	171	85.5	200	5.54	
DRO >C10-C28	<10.0	10.0	11/24/2013	· ND	161	80.5	200	6.94	
Surrogate: I-Chlorooctane	108 9	65.2-14)			-			
Surrogate: 1-Chlorooctadecane	108 %	63.6-15-	<i>‡</i>						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed valved unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incutental or consequential damages, including, without limitation, business incernipsions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successions arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

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Notes and Definitions

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

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

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ARDINAL LABORATORIES 101 East Marland, Hobbs, NM, 8824

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(505) 393-2326 FAX (505) 393-2476		
Company Name: BBC International, Inc.	WELL-CATE WEEK	ANALYSIS REQUEST
Project Manager: Cliff Brunson	P.O. #:	
Address: P.O. Box 805	Company:	
City: Hobbs State: NM zip: 88241	Attn:	
Phone #: 575-397-6388 Fax #: 575-397-0397	Address.	
Project #: Project Owner: COG	City:	
Project Name: S'kelly #975	State: Zip:	
Project Location: Loco 14:115	Phone #:	
Sampler Name: Garcy Ray	Fax #:	
FOR LAB USE ONLY MATRIX	PRESERV SAMPLING]
<u>@</u> ~]
#3028149 Tab I.D. #302844 #302844 #302844	OTHER: ACIDIBASE: ICE/COOL OTHER:	7. 16.
H302844	HOO B DATE TIME	1 B 2
1-5P1@ Surface / 62 X	X 11-13-13 1:00	XXX
2 SME 1Ft / 62 X	X 11-17-17 1:20	XXX
2 SME 1FT / 62 X 3. SME 2FT / 62 X	X 11-13-17 1:40	XXX
4. 8 de Surface 6 2 X 5. pp 2 8+ 1 6 2 X	X 11-1213 2:00	XXX
5. pre 2Ft / 62 X	X 11-12-13 2:40	XXX
lo pre 4Ft / GZ X	X 11-14-13 9:00	XXX
_ 7 828 6Ft V 62 X	X 11-14-13 9:40	XXX
8 51301Ft V 62 X	X 11-14-17 10:80	$X X \hat{X}$
9 5PSE 2Ft / 62 X	X 11-14-13 10,38	
10 spse3ft / 67 X	X 11-1417 11:00	XXX
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any cleim arising whether based in contra analyses. At claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing s		

PLEASE NOTE: Liability and Damages, Cardinat's liability and claim's exclusive remedy for any claim sirising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. At claims including those for negligence and any other cause what soever shall be deemed waived unless made in writing and received by Cardinat within 30 days after completion of the applicable service. In no event shall Cardinat 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 Cardinat, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	Date: Received By:	Phone Result:	☐ Yes	□ No	Add'l Phone #:	
	11/21/13 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Fax Result:	☐ Yes	□ No	Add'I Fax #:	
	Time:	REMARKS:				
- 400 ·	8:0000					
Relinquished By:	Date Received By:	1		•		
X N/	Time in Block Idon Non	ŀ			•	
	1 1 05 10 Cl Sterior	·				
Delivered By: (Circle One)	Sample Condition CHECKED BY:					
1	Cool Intact (Inftaly)					
Sampler - UPS - Bus - Other:	5.60 Pres Pres					
	No I No I No					

[†] Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(505) 393-2326 FAX (505) 393-2476 Company Name: BBC International, Inc. BILL TO **ANALYSIS REQUEST** Project Manager: Cliff Brunson P.O. #: Address: P.O. Box 805 Company: city: Hobbs State: NM Zip: 88241 Attn: Phone #: 575-397-6388 Fax #: 575-397-0397 Address: Project Owner: COO Project#: City: Project Name: 5 Kelly State: Zip: Project Location: [oco Hills Phone #: Gary RAY Fax #: Sampler Name: PRESERV. SAMPLING FOR LAB USE ONLY C (G)RAB OR (C)OMF Sample I.D. Lab I.D. H3D2849 DATE TIME 11-H-13 11:20 X 11-14-11:45 6 11- 4-0 12:15

PLEASE NOTE: Liability and Damages. Cardinal's liability and circuits exclusive remody for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by 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.

Relinquished By: D	ate:	Received By:	Phone Result:	☐ Yes	□ No	Add'l Phone #:
	11191113	l v l -	Fax Result:	☐ Yes	□ No	Add'I Fax #:
	ime: 5:1002~		REMARKS:			
Relinquished By	ate:	Received By:				
I \ <i>I</i> /// ⊢₌		(Ma) Maria Maria		•		•
1 YU 1'	îme:	LILLIAN SHEWALTER		•		•
Delivery (Clearly One)		Sample Condition CHECKED BY:		•		•
Delivered By: (Circle One)						
	_	1 Cool Intact (Mitials)				
Sampler - UPS - Bus - Other:	5.	Tes Pres				·
		No No	<u> </u>			

[†] Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



January 03, 2014

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: SKELLY #975

Enclosed are the results of analyses for samples received by the laboratory on 12/23/13 16:59.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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/qa/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.

Celeg 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



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To:

(575) 397-0397

Received:

12/23/2013

Reported: Project Name:

01/03/2014 SKELLY #975 NONE GIVEN

Project Number: Project Location:

LOCO HILLS, NM

Sampling Date:

12/19/2013

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: SP 2 @ 7 FT (H303121-01)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AP

Analyte

Chloride

Chloride

Chloride

Result

784

Result

64.0

Result

32.0

Reporting Limit 16.0

Reporting Limit

16.0

Reporting Limit

16.0

Reporting Limit

Analyzed 12/31/2013

Analyzed

12/31/2013

Method Blank ND

Method Blank

ND

BS 400 % Recovery 100

True Value QC 400

RPD

11.3 '

RPD

11.3

Sample ID: SP 2 @ 8 FT (H303121-02)

Chloride, SM4500Cl-B

Analyte

Analyte

mg/kg

Analyzed By: AP

RS

400

BS

400

% Recovery

100

True Value QC

400

Qualifier

Qualifier

Qualifier

Sample ID: SP 2 @ 9 FT (H303121-03)

Chloride, SM4500CI-B

Analyzed By: AP

Analyzed 12/31/2013 Method Blank ND

% Recovery

100

True Value QC

400

RPD Qualifier

11.3

Sample ID: SP 4 @ 4 FT (H303121-04)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: AP

Analyte Chloride

Result 32.0

16.0

Analyzed 12/31/2013 Method Blank ND

400

BS

% Recovery 100

True Value QC 400

RPD 11.3

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Kune

Celey D. Keene, Lab Director/Quality Manager



ND

Notes and Definitions

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

Chloride by SM4500CI-8 does not require samples be received at or below 6°C

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

Analyte NOT DETECTED at or above the reporting limit

Cardinal Laboratories *=Accredited Analyte

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Celeg & Keens

ARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (505) 393-2326 FAX (505) 393-2476

Company Name: BBC International, Inc.	FILLARO	ANALYSIS REQUEST
Project Manager: Cliff Brunson	P.O. #:	
Address: P.O. Box 805	Company:	
city: Hobbs State: NM Zip: 88241	Attn:	
Phone #: 575-397-6388 Fax #: 575-397-0397	Address:	
Project #: Project Owner: COG	City:	
Project Name: Skelly #975	State: Zip:	
Project Location: Coco HillS	Phone #:	
Sampler Name: Gosu PAu	Fax #:	
FOR LAB USE ONLY MATRIX	PRESERV. SAMPLING	
(C)OMP PRS ATER		
A (C)	ا	
Lab I.D. Sample I.D.	R: 000 S	19
Tap I'D' (G)RAB OR (C)ON # CONTAINERS GROUNDWATER WASTEWATER CSOIL	STUDGE OTHER: ACIDIBASE: OTHER: OTHER:	
10000 251	X 12-19-13 9:00	
2 503@ 8F+ 67 K	X 17.4.17 q.16	
2 SPAC 8F+ 67 X 3 SPAC 9F+ 62 X	X 12-19.13 9:30	
4 5F4@ 4F+ 62 X	X 12 19-13 10:00	
PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any claim arising whether based in co	tract or tort, shall be limited to the amount paid by the client to	ulhe
analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interrup	ons, loss of use, or loss of profits incurred by client, its subsidi	aries.
affiliates of successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such Relinquished By: Date: Received By:	aim is based upon any of the above stated reasons or otherwi	
Relinquished By: Date: 3-23-13 Timper. EA	Fax Resu REMARK	lt: 🛘 Yes 🗘 No Add'l Fax #:
9.59 61000	SHENDON	
Relinquished By: Date: Received By:		
Time:		
Delivered By: (Circle One) Sample Co		·
Sampler - UPS - Bus - Other:		
V- U No L	NO /	

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



April	22,	2014
Cliff	Brur	nson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: SKELLY #975

Enclosed are the results of analyses for samples received by the laboratory on 04/21/14 16:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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/qa/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. Keine

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



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To:

(575) 397-0397

Received: Reported: 04/21/2014

04/22/2014

Project Name: Project Number: SKELLY #975 NONE GIVEN

Project Location:

LOCO HILLS, NM

Sampling Date:

npling Date:

04/21/2014

Sampling Type:

Soil

Sampling Condition: Sample Received By: ** (See Notes)

Celey D. Keene

Sample ID: NORTH SIDEWALL (H401197-01)

Chloride, SM4500CI-B	mg,	mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/22/2014	ND	416	104	400	0.00	
Sample ID: SOUTH SIDE\	WALL (H40119	7-02)							
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride .	<16.0	16.0	04/22/2014	ND	416	104	400	0.00	
Sample ID: EAST SIDEWA	ALL (H401197-	-03)							
Chloride, SM4500CI-B	mg	/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/22/2014	ND	416	104	400	0.00	
Sample ID: WEST SIDEW	ALL (H401197	-04)							
Chloride, SM4500CI-B	mg,	mg/kg		d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/22/2014	ND	416	104	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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Celeg & Keene

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

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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College Keine

101 East Marland, Hobbs, NM 68240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(505):393-2326_FAX (505):393-2476	
Company Name: BBC International Inc.	ANALYSIS REQUEST
Project Managéri. Cliff Brunson	P.O.#: 10 1/20 1/20 1/20 1/20 1/20 1/20 1/20 1
	Company:
City: Hobbs State: NM Zip: 88241	Attn:
Phone #: 575-397-6388 Fax #: 575-397-0397	Address
Project #: Project Owner: COG	City: Jam C
Project Name: DICI/VT9/15	State: Zip:
Project Location: Loco Hills	Phone #:
Sampler Name: Gary (CAY)	Fax #:-
FOR LAB USE ONLY	PRESERV SAMPLING
SIN	
Lab I.D. Sample I.D.	
OGE OF THE PARTY O	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
H40197	TE BUT TIME
1 North Sidewall 61 X	X 4-71-14 2-15 X
2 South Side wall GZ X	X 4-21-14 2:30 x
3 East Side wall 62 - X1	X 4-21-14 2:45, X
4 West Side wall & GZ XX	X 4-21-147:00 X
LEASE NOTE: Lightlifty and Democras' Cardinal's lightlifty and chind's exclusive camedy for any chain adding whather based in contract	the start shall be limited to the amount out by the shart for the

situates of successors ansign out of or realed to the performance	DI SETVICCE DRIPURDET DY LIBRARIA, REGRIS	Ressor whether such claim is based	I DOOR BUY OF THE SOOME STREET IS	STORE OF DUTERVISH.				
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	031-14			Fax Result:	. □ Yes □ No	Add'l Fax #:	.:	
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† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

* Samples were brought directly to our lab &

APPENDIX III

C-141

October 2013 and June 2014

Skelly Unit #975 (10/21/2013)

Unit B, Section 23, Township 17 South, Range 31 East Eddy County, NM GPS: N 32.82613° W 103.83923°

Prepared for: COG Operating LLC Midland, Texas

Prepared by: BBC International, Inc.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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 October 10, 2003

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

	<u>OPERATOR</u>	
Name of Company COG OPERATING LLC	Contact Robe	nt McNeill
Address 600 West Illinois Avenue, Midland, TX 79701	Telephone No. 432-	-230-0077
Facility Name Skelly Unit #975	Facility Type V	Vell Pad
Surface Owner Federal Mineral Owner	f	Lease No. (API#) 30-015-36356
	ON OF RELEASE	
Unit Letter Section Township Range Feet from the No. B 23 17S 31E	th/South Line Feet from the Ea	ast/West Line County Eddy
Latitude 32.82599	Longitude 103.83930	
	E OF RELEASE	
Type of Release Oil and produced water	Volume of Release 5bbls of	oil Volume Recovered 5bbls of produce water
Source of Release Chemical injection line on well.	Date and Hour of Occurrence 10-21-2013	Date and Hour of Discovery 10-21-2013 3:40pm
Was Immediate Notice Given? ☐ Yes ☒ No ☒ Not Require	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached?	If YES, Volume Impacting the	Watercourse.
☐ Yes ⊠ No		
If a Watercourse was Impacted, Describe Fully.*		NM OIL CONSERVATION ARTESIA DISTRICT
Describe Cause of Problem and Remedial Action Taken.*		JUN 0 6 2014
A stainless steel 90 on the chemical injection line broke. Replace the sta	ninless steel 90.	•
Describe Area Affected and Cleanup Action Taken.*		RECEIVED
Initially an estimated 5bbls of oil and 5bbls of produced water were releproduced water with a vacuum truck. The spill was located on the well from the release and we will present a work plan to the BLM/NMOCD	pad. BBC will sample the spill site ar	rea to delineate any possible contamination
I hereby certify that the information given above is true and complete to regulations all operators are required to report and/or file certain release public health or the environment. The acceptance of a C-141 report by should their operations have failed to adequately investigate and remedior the environment. In addition, NMOCD acceptance of a C-141 report federal, state, or local laws and/or regulations.	notifications and perform corrective the NMOCD marked as "Final Reportate contamination that pose a threat to does not relieve the operator of resp	actions for releases which may endanger rt" does not relieve the operator of liability to ground water, surface water, human health consibility for compliance with any other
,	OIL CONSE	RVATION DIVISION
Signature: That Land		
Printed Name: Robert Grubbs Jr.	Approved by District Supervisor:	
Title: Senior Environmental Coordinator	Approval Date:	Expiration Date:
E-mail Address: rgrubbs@concho.com	Conditions of Approval:	Attached
Date: 10-25-2013 Phone: 432-661-6601	*	That ned
Attach Additional Sheets If Necessary		

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
trict IV
100 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.

Name of Company COG OPERATING LLC Contact Robert McNeill				Rel	ease Notifi	catio	n and C	orrective A	ction					
Address Sol West Illinois Avenue, Midland, TX 1970 Telephone No. 432-330-0077										☐ Initi	ial Report	×	Final Repo	
Facility Name Skelly Unit #975 Facility Type Well Pad														
Surface Owner Federal Mineral Owner API No. 30-015-36336					and, 1X 79701									
LOCATION OF RELEASE Unit Letter Section Township Range Feet from the North/South Line Feet from the East/West Line County B 23 175 31E Latitude N 32.82599* Longitude W 103.83930* NATURE OF RELEASE Volume Recovered 4 bbls oil and 2 bbls of and 5							racinty 1 y	- Wen rau						
Unit Letter Section Township Range Feet from the North/South Line Feet from the East/West Line County Eddy	Surface Ov	mer Fed	eral		Mineral (Owner	~~ <u>~~~</u>			API No	o. 30-015	-363	<u> 56</u>	
Latitude N 32.82599º Longitude W 103.83930º NATURE OF RELEASE Type of Release Oil and Produced water Volume of Release Shibs oil and 2 bbls oil and 2 bbls of produced water Date and Hour of Occurrence Date and Hour of Occurrence Date and Hour of Occurrence Date and Hour of Discovery Date and Hour of Date and Hour of Discovery Date and Hour of Date and			,	·							· · · · · · · · · · · · · · · · · · ·	-	·	
Latitude N 32 825999 Longitude W 103 839309 NATURE OF RELEASE Volume of Release	Unit Letter	Section	Township	Range	Feet from the	Nort	VSouth Line	Feet from the	Easi/W	est Line	County			
Type of Refease Oil and Produced water	В	23	17S	31E							<u> </u>	ddy		
Volume of Release Volu			•	1			_		<u>0°</u>					
Source of Release Chemical injection line on well Date and Hour of Occurrence Date and Hour of Observery 10/21/2013 @ 3:40 pm If YES, To Whom? Date and Hour of Observery 10/21/2013 @ 3:40 pm If YES, To Whom? Date and Hour of Observery 10/21/2013 @ 3:40 pm If YES, To Whom? Date and Hour of Observery 10/21/2013 @ 3:40 pm If YES, To Whom? Date and Hour of Observery 10/21/2013 @ 3:40 pm If YES, To Whom? Date and Hour of Observery 10/21/2013 @ 3:40 pm If YES, Volume Impacting the Watercourse. Was a Watercourse Reached? Date and Hour If YES, Volume Impacting the Watercourse.	Type of Rele	asc Oil an	d Produced w	ater	INAI	UKE			oil	Volume F	Recovered	4 bbl	s oil and 2	
Was Immediate Notice Given? Yes No Not Required If YES, To Whom?							and 5 bbls	of produced water	·	bbls prod	uced water			
Was Immediate Notice Given? Yes No Not Required	Source of Re	lease Che	mical injectio	n line on	well								у	
By Whom? Was a Watercourse Reached? Tyes No If YES, Volume Impacting the Watercourse. NM OIL CONSERVATION ARTESIA DISTRICT JUN 0 6 2014 Describe Cause of Problem and Remedial Action Taken.* A stainless steel 90 on the chemical injection line broke. Replaced the stainless steel 90. RECEIVED Describe Area Affected and Cleanup Action Taken.* Initially an estimated 5 bbls of oil and 5 bbls of produced water were released from a stainless steel 90. We were able to recover 4 bbls oil and 2 bbls of produced water with a vacuum truck. The spill was located on the well pad. Remediation was completed in accordance with a remediation plan approved verbally by Mike Bardon of NMOCD and approved by Mike Bardon of the BLM via email on 02/26/2014. 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 analter 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 maked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose at their operators are required to report and not 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 maked as "Final Report" does not relieve the operator of tresponsibility for compliance with any other federal, state, or local laws and/or regulations. OIL CONSERVATION DIVISION Signature: Approved by Environmental Specialist: Title: Senior Environmental Coordinator Approved by Environmental Specialist: Printed Name: Robar Grubbs Ir. Approved Date: Expiration Date: Attached Phone: (432) 661-6601	Was Immedia	ite Notice C							1_	10/21/201	3 (ac 5). 10 p.			
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					(432) 661-6601									

APPENDIX IV

Correspondence February 2014

Skelly Unit #975 (10/21/2013)

Unit B, Section 23, Township 17 South, Range 31 East Eddy County, NM GPS: N 32.82613° W 103.83923°

> Prepared for: COG Operating LLC Midland, Texas

Prepared by: BBC International, Inc.

Kathy Purvis

From:

Cliff P. Brunson <cbrunson@bbcinternational.com>

Sent:

Tuesday, February 25, 2014 6:55 PM

To:

- Mike Bratcher -

Cc:

Robert Grubbs; Michelle Mullins; Ken Swinney; Jennifer Gilkey; Kathy Purvis

Subject:

Concho (COG) Skelly Unit #975-Remediation Plan

Attachments:

Remediation Plan Report, Skelly Unit #975.pdf

Mike,

This e-mail is to confirm our conversation on February 19, 2014 about the remediation plan for the above referenced site. I have attached the materials that we used in our discussion. As discussed, Concho will excavate to a depth of 6 inches in the area covering SP1, SP3, and SP4 as depicted on the attached site diagram. The area around SP2 will be excavated to a depth of 4 feet. The area will then be backfilled.

If you would please e-mail your concurrence with this remediation 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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Kathy Purvis

From: Cliff P. Brunson <cbrunson@bbcinternational.com>

Sent: Tuesday, February 25, 2014 5:14 PM

To: Mike Burton

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

Subject: Concho (COG) Skelly Unit #975-Remediation Plan Attachments:

Remediation Plan Report, Skelly Unit #975.pdf

Mike,

This e-mail is to request the BLM's approval for the following remediation plan for the above referenced site. I have attached the materials that pertain to the site and the plan. This plan has already been approved by Mike Bratcher of the NMOCD. Concho (COG) will excavate to a depth of 6 inches across the leak area except in the area of SP2 which will be a 4 foot excavation as shown on the attached diagram. The area will then be backfilled with clean soil.

If you would please e-mail your concurrence with this remediation plan, it would be greatly appreciated. If you have any questions, please let us know.

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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Kathy Purvis

From: Cliff P. Brunson <cbrunson@bbcinternational.com>

Sent: Wednesday, February 26, 2014 9:11 AM **To:** Ken Swinney; Jennifer Gilkey; Kathy Purvis

Subject: FW: Concho (COG) Skelly Unit #975-Remediation Plan

FYI....BLM approval

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

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From: Mike Burton mburton@blm.gov Date: Wednesday, February 26, 2014 6:34 AM

To: Cliff Brunson < cbrunson@bbcinternational.com >

Subject: Re: Concho (COG) Skelly Unit #975-Remediation Plan

Cliff,

This plan is approved with these stipulations.

- 1. The area around SP2 should be excavated to at least 4' BGS to remove most of the chloride contamination.
- 2. We will require side wall confirmation samples to ensure the all horizontal contamination was removed. Thanks.

Mike Burton BLM-CFO Environmental Protection Specialist 575-234-2226 office

575-361-3574 cell

mburton@blm.gov

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On Tue, Feb 25, 2014 at 5:14 PM, Cliff P. Brunson < cbrunson@bbcinternational.com wrote: Mike,

This e-mail is to request the BLM's approval for the following remediation plan for the above referenced site. I have attached the materials that pertain to the site and the plan. This plan has already been approved by Mike Bratcher of the NMOCD. Concho (COG) will excavate to a depth of 6 inches across the leak area except in the area of SP2 which will be a 4 foot excavation as shown on the attached diagram. The area will then be backfilled with clean soil.

If you would please e-mail your concurrence with this remediation plan, it would be greatly appreciated. If you have any questions, please let us know.

Thanks, Cliff

Cliff P. Brunson, CEI, CRS
President
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Mailing Address:
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