

# SITE INFORMATION

## Report Type: Closure Report

General Site Information:				
Site:	Cedar Lake 8" Main Line			
Company:	COG Operating LLC			
Section, Township, and Range:	20	17S	31E	
Lease Number:	NMLC-029395B			
County:	Eddy County, NM			
GPS:	N 32 49.495		W 103 53.344	
Surface Owner:	Federal			
Mineral Owner:				
Directions:	From the intersection of Hwy 529 and Hwy 82, travel West on Hwy 82 for 1.0 mile, turn Right onto lease road and travel 0.5 mile to leak site.			

Release Data:	
Date Released:	8/11/2011
Type of Release:	Produced water
Source of Contamination:	8" Main line rupture
Fluid Released:	100 bbls
Fluids Recovered:	80 bbls

Official Communication:		
Name:	Pat Ellis	Cliff Brunson
Company:	COG Operating 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 79701	Hobbs, NM 88241
Phone Number:	(432) 686-3023	(575) 397-6388
Fax:	(432) 684-7137	(575) 397-0397
Email:	pellis@conchoresources.com	cbrunson@bbcinternational.com

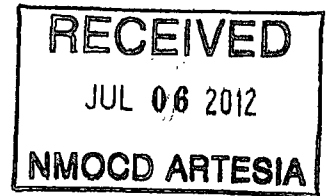
Ranking Criteria:		
Depth to Groundwater:	Ranking Score	Site Data
<50 ft.	20	
50-99 ft.	10	
>100 ft.	0	0

Well Head Protection:		
	Ranking Score	Site Data
Water Source <1,000 ft., Private <200	20	
Water Source >1,000 ft., Private >200	0	0

Surface Body of Water:		
	Ranking Score	Site Data
<200 ft.	20	
200 ft. - 1,000 ft.	10	
>1,000 ft.	0	0

<b>Total Ranking Score:</b>	<b>0</b>
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Acceptable Soil RRAL (mg/kg)		
Benzene	Total BTEX	TPH
10	50	5000



# **COG Operating LLC**

## **Cedar Lake 8" Main Line**

(Release Date 8/11/11)

**Unit B, Section 20, Township 17 South, Range 31 East**

**Eddy County, New Mexico**

**GPS: N 32 49.495 W 103 53.344**

### **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

**December 19, 2011**

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

James Amos  
Supervisory Petro Eng. Tech.  
Bureau of Land Management  
620 East Greene Street  
Carlsbad, NM 88220

Re: Closure plan for the COG Operating LLC, Cedar Lake 8" Main Line,  
Unit B, Section 20, Township 17 South, Range 31 East, Eddy County, NM

## **1.0 SITE CHARACTERIZATION**

The subject site is located east of Loco Hills, in Unit B, Section 20, Township 17 South, and Range 31 East, Eddy County, New Mexico. The GPS coordinates are: N 32 49.495 W 103 53.344. The site consists of undeveloped rangeland and petroleum production facilities. On August 11, 2011, a crew was installing a "T" in the main line the poly line pressured up causing it to rupture. The spray area measured 30 feet on the ROW in the pasture adjacent to the valve box. Approximately 100 bbls of water was released with approximately 80 bbls of water being recovered by a vacuum truck which was on standby at the location.

A diagram of the leak area including the sample points can be reviewed in Appendix I of this report. The surface soil is red sand. There is no water source within 1,000 feet of the site. There is no surface water within 1,000 feet of the site. Based on data from the Eddy County Groundwater Trend Map, the depth to groundwater in Section 20, Township 17 South, and Range 31 East is 350'. The initial C-141 is at the end of this report in Appendix III.

## **2.0 SITE INVESTIGATION ACTIVITIES**

On August 18, 2011, BBC personnel conducted a delineation of the site. Two sample points were advanced in the leak area using hand auger to a total depth of 2 feet. Three samples were taken from SP1 one at surface, one at one foot, and one at 2 feet. Two samples were taken from SP2 one at surface, and one at one foot. The samples were taken to Cardinal Laboratories for chloride analysis. Laboratory analysis for SP1 @ surface is 32 ppm chloride. Laboratory analysis for SP1 @ 1' is 32 ppm chloride. Laboratory analysis for SP1 @ 2' is 32 ppm chloride. Laboratory analysis for SP2 @ surface is 320 ppm chloride. Laboratory analysis for SP2 @ 1' is 48 ppm chloride. 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**

The laboratory data for this site indicates that the chloride contamination is below 250 ppm in the leak area. The depth to groundwater is approximately 350 feet. Therefore, it was recommended to the NMOCD that no further action was necessary. Mike Bratcher of the NMOCD agreed and the site was approved for closure. The final C-141 is at the end of this report in Appendix III.

# APPENDIX I

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## Site Diagram

*August 2011*

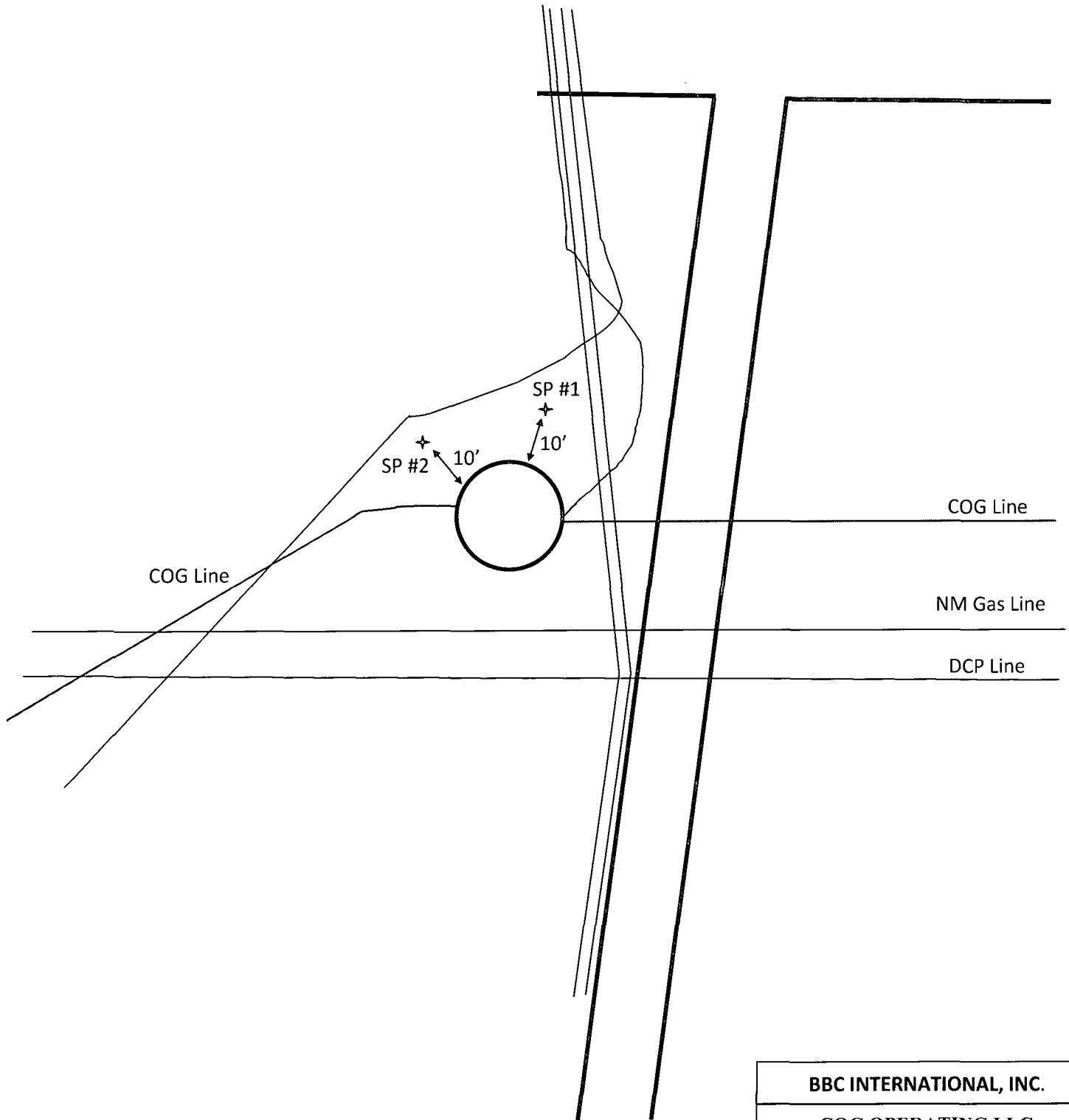
### **Cedar Lake 8" Main Line (8/11/11)**

Unit B, Section 20, Township 17 South, Range 31 East  
Eddy County, NM  
GPS: N 32 49.495 W 103 53.344

**Prepared for:**  
COG Operating LLC  
Midland, Texas

**Prepared by:**  
BBC International, Inc.

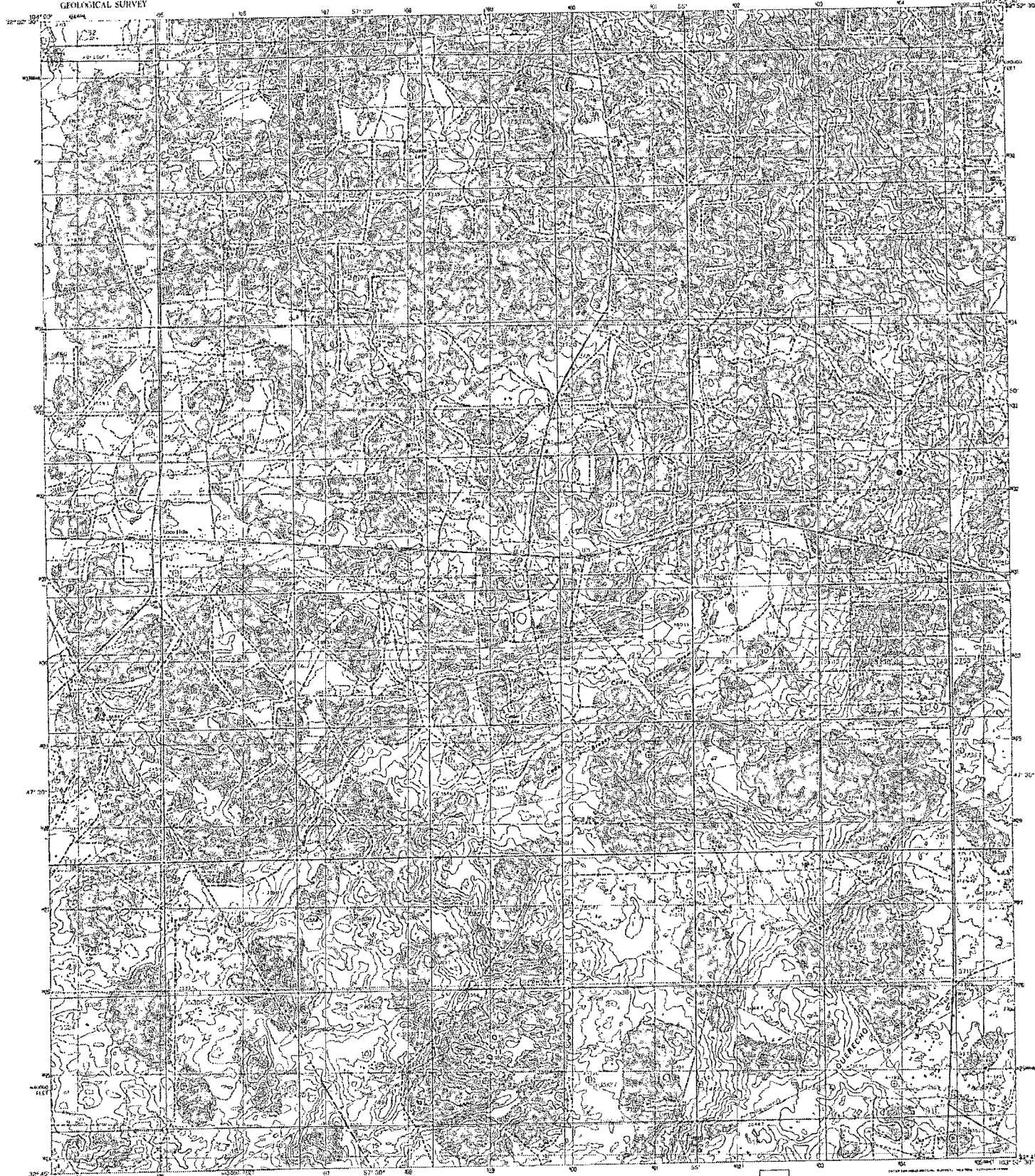
**COG OPERATING LLC  
CEDAR LAKE 8" MAIN LINE**



BBC INTERNATIONAL, INC.	
COG OPERATING LLC CEDAR LAKE 8" MAIN LINE	
Date: 8-16-11	Drawn By: JG
Disk:	Sheet 1 of 1 Sheets
Scale: Not to Scale	File Name

# COG, Cedar Lake 8" Main Line

LOCO HILLS QUADRANGLE  
NEW MEXICO-EDDY CO.  
7.5 MINUTE SERIES (TOPOGRAPHIC)



**PROVISIONAL MAP**  
Produced from original  
manuscript drawings. Infor-  
mation shown as of date of  
field check. 3

1	2	3	1. South Pond
			2. Shattuck Lake
4		5	3. Millpond NW
			4. Millpond
6	7	8	5. Shattuck Camp NW
			6. Shattuck Lake
		9	7. Lowermost Lake

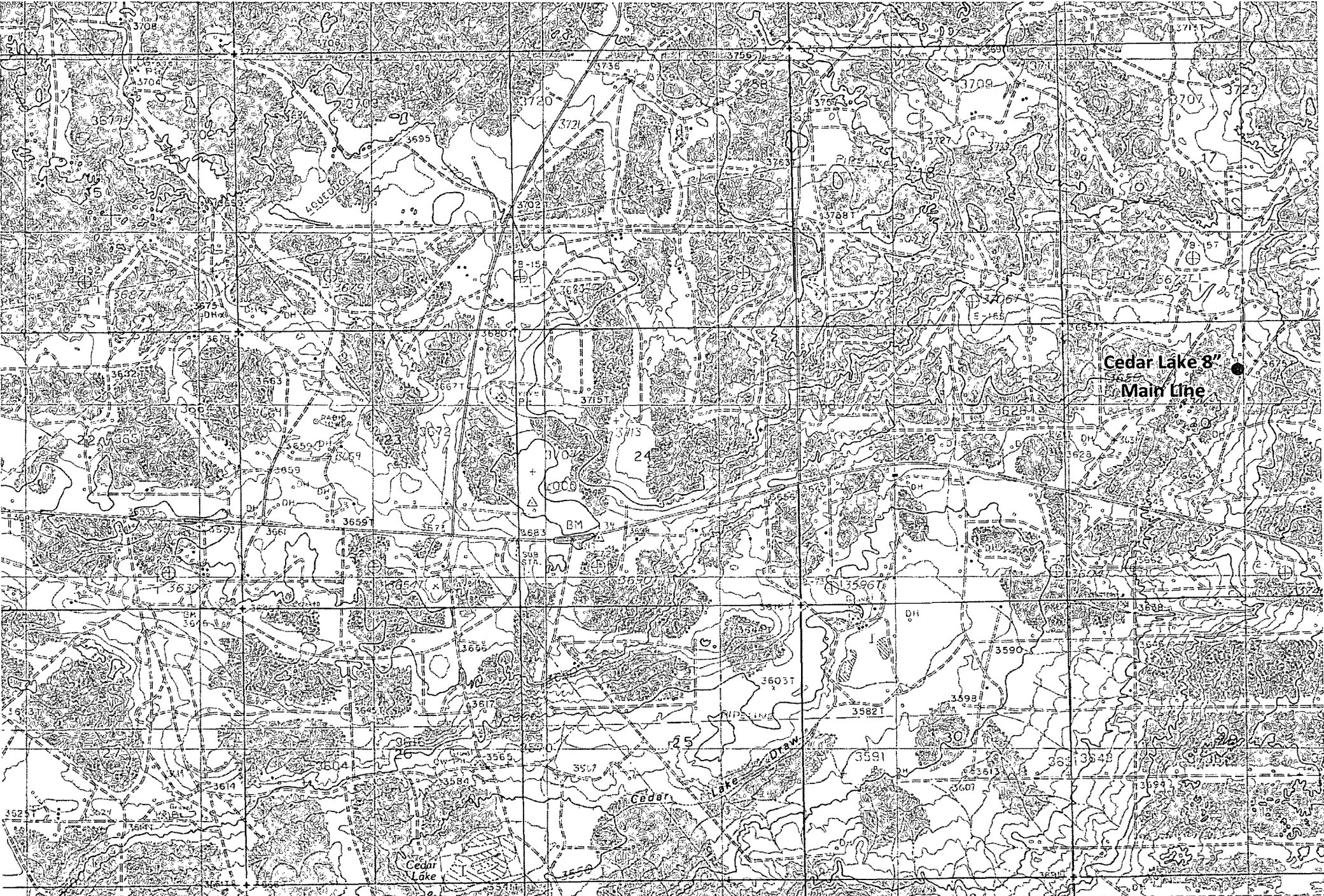
LOCO HILLS NEW MEXICO  
PROVISIONAL EDITION 1983

42015-11-24

CUG

## Cedar Lake 8" Main Line

Cedar Lake 8"  
Main Line

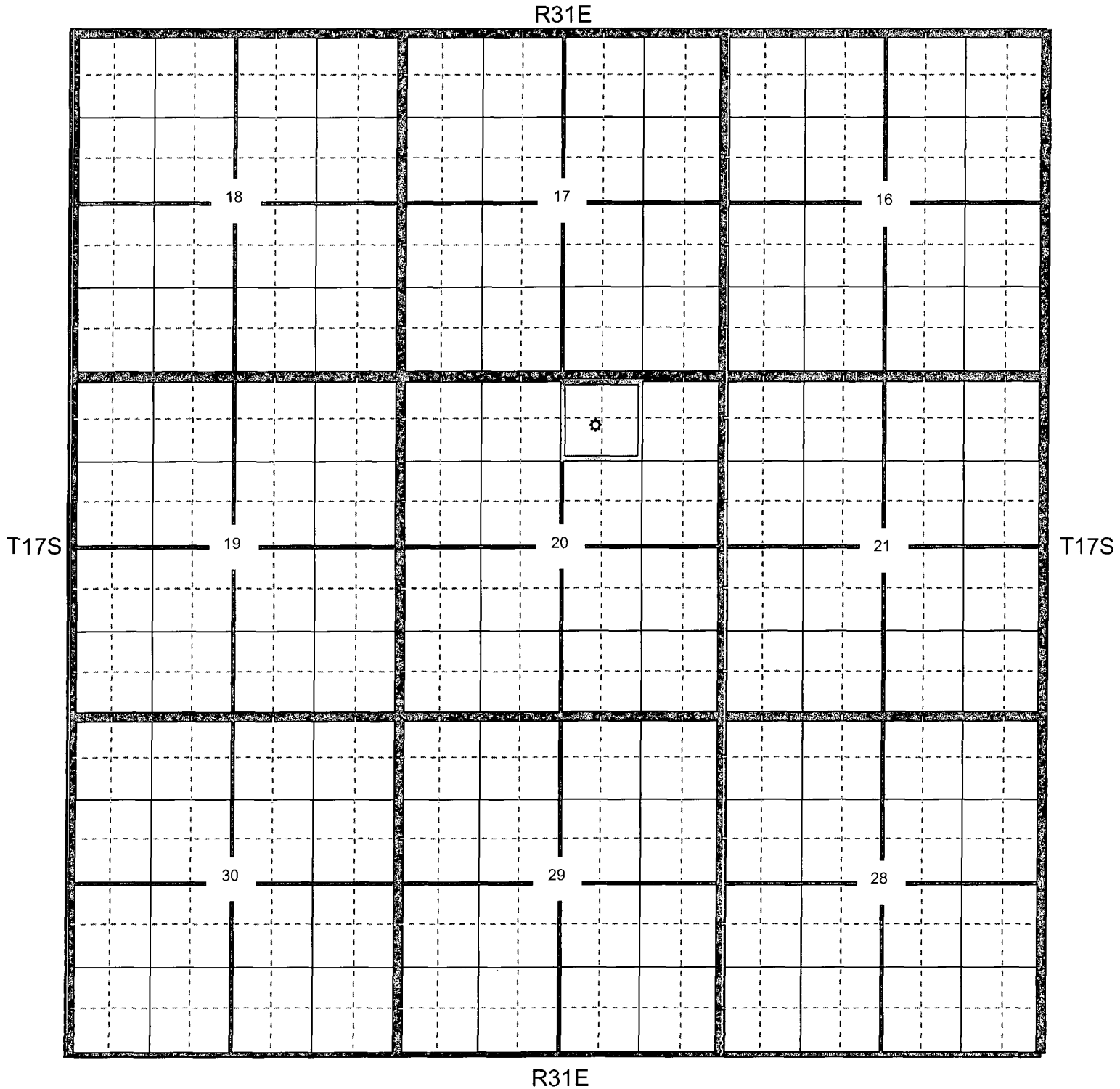


# Groundwater Plot

Oil/Gas Well Name: Cedar Lake 8" Main Line

County: Eddy UL B, Sec 20, T17S, R31E

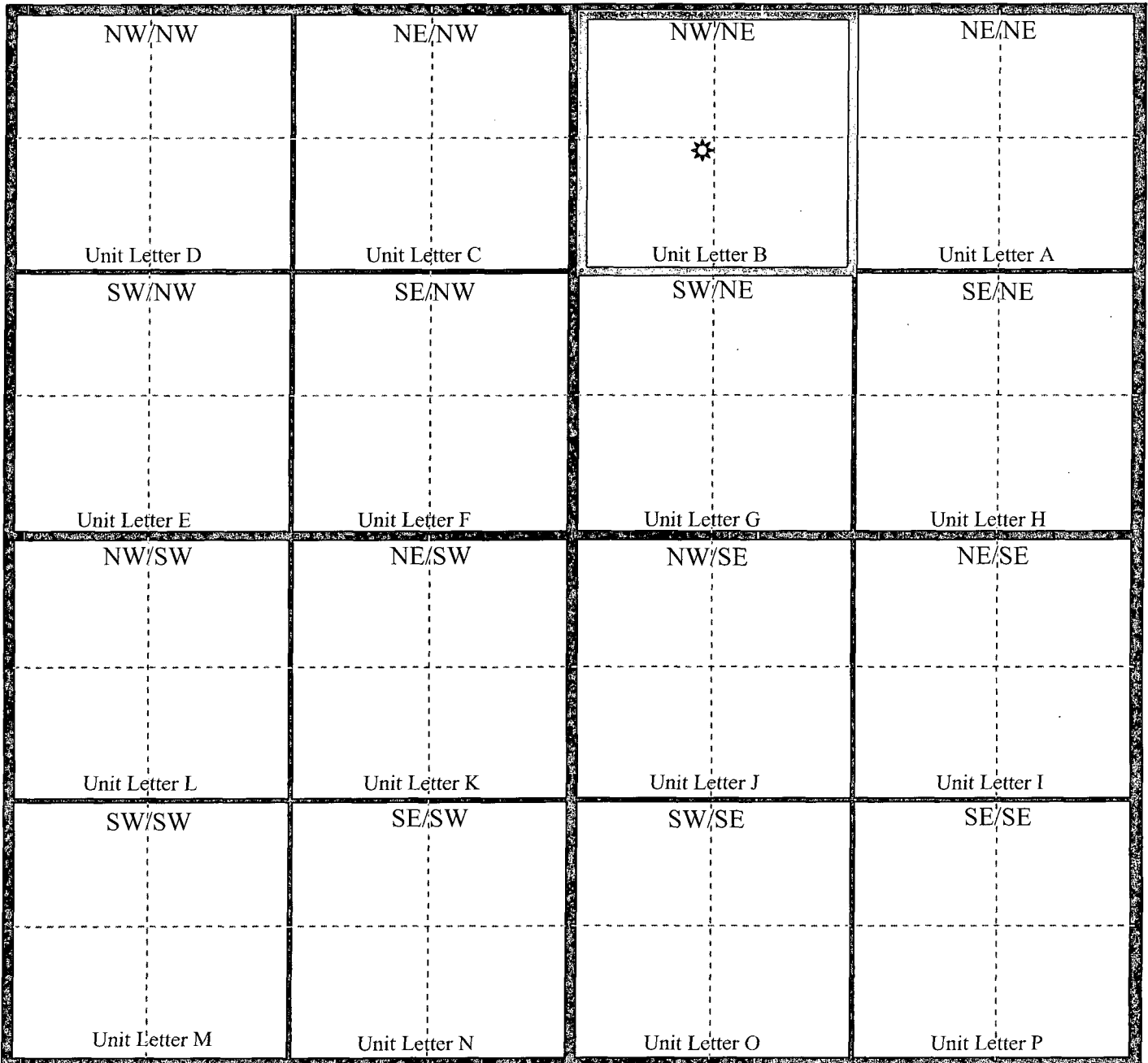
Trend Map: 350'



# Section Quarters

1

2



3

4

## Cedar Lake 8" Main Line

- ☼ Location
- OCD
- USGS
- SEO
- All

UL B  
Sec 20  
T 17 S  
R 31 E

# APPENDIX II

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## Laboratory Analytical Results

*August 2011*

### **Cedar Lake 8" Main Line (8/11/11)**

Unit B, Section 20, Township 17 South, Range 31 East  
Eddy County, NM  
GPS: N 32 49.495 W 103 53.344

**Prepared for:**  
COG Operating LLC  
Midland, Texas

**Prepared by:**  
BBC International, Inc.

# COG OPERATING LLC

## CEDAR LAKE 8" MAIN LINE

Sample Point	Chloride
	mg/Kg
SP1 @ Surface	32.0
SP1 @ 1'	32.0
SP1 @ 2'	32.0
SP2 @ Surface	320
SP2 @ 1'	48.0

- ☐ Over 5,000 ppm
- ☐ Over 1,000 ppm
- ☒ Over 500 ppm
- ☐ 251 thru 499 ppm
- ☐ 250 ppm or below
- ☒ 100 ppm or below

August 22, 2011

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: CEDAR LAKE MAIN LINE

Enclosed are the results of analyses for samples received by the laboratory on 08/18/11 17:01.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited 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 (V2, V3)

Accreditation applies to public drinking water matrices.

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: (505) 397-0397

Received: 08/18/2011  
Reported: 08/22/2011  
Project Name: CEDAR LAKE MAIN LINE  
Project Number: NONE GIVEN  
Project Location: LOCO HILLS

Sampling Date: 08/18/2011  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP 1 @ SURFACE (H101754-01)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/19/2011	ND	448	112	400	11.3	

**Sample ID: SP 1 @ 1 FT (H101754-02)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/19/2011	ND	416	104	400	7.41		

**Sample ID: SP 1 @ 2 FT (H101754-03)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/19/2011	ND	416	104	400	7.41		

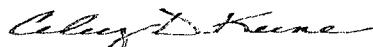
**Sample ID: SP 2 @ SURFACE (H101754-04)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	08/19/2011	ND	416	104	400	7.41		

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 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.



Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

BBC International, Inc.  
Cliff Brunson  
P.O. Box 805  
Hobbs NM, 88241  
Fax To: (505) 397-0397

Received: 08/18/2011  
Reported: 08/22/2011  
Project Name: CEDAR LAKE MAIN LINE  
Project Number: NONE GIVEN  
Project Location: LOCO HILLS

Sampling Date: 08/18/2011  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP 2 @ 1 FT. (H101754-05)****Chloride, SM4500Cl-B****mg/kg****Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/19/2011	ND	416	104	400	7.41	

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

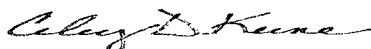
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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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 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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Celey D. Keene, Lab Director/Quality Manager



# CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

(505) 393-2326 FAX (505) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.				<b>BILL TO</b>				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: COL		City:																			
Project Name: CEDAR LAKE MAIN LINE				State: Zip:																			
Project Location: COCO HILLS				Phone #:																			
Sampler Name: JORDAN WOODFIN				Fax #:																			
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING															
Lab I.D.	Sample I.D.	(C)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME									
H101734																							
1	SP1 SURFACE	9	1			X				X			8:10	8-18-11	X								
2	SP1 @ 1 ft	9	1			X				X			8:10	8-18-11	X								
3	SP1 @ 2 ft	9	1			X				X			8:24	8-18-11	X								
4	SP2 @ SURFACE	9	1			X				X			9:00	8-18-11	X								
5	SP2 @ 1 ft	9	1			X				X			9:09	8-18-11	X								

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 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 consequential 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 any of the above stated reasons or otherwise.

Relinquished By: Jordan Woodfin		Date: 8/18/11	Received By: Jodi Benson	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Time: 5:01				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:		Date:	Received By:	REMARKS: EMAIL ALL	
Time:					
Delivered By: (Circle One)			Sample Condition	CHECKED BY:	
<input checked="" type="checkbox"/> UPS - <input type="checkbox"/> Bus - <input type="checkbox"/> Other:			Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	(Initials) JWB	

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

#26

# APPENDIX III

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**C-141**

*August 2011*

## **Cedar Lake 8" Main Line (8/11/11)**

Unit B, Section 20, Township 17 South, Range 31 East  
Eddy County, NM  
GPS: N 32 49.495 W 103 53.344

**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**

**OPERATOR**

☒ Initial Report ☐ Final Report

Name of Company	COG OPERATING LLC	Contact	Pat Ellis
Address	550 W. Texas, Suite 100, Midland, TX 79701	Telephone No.	432-230-0077
Facility Name	8" Main Line	Facility Type	8" Water Line (Cedar Lake)

Surface Owner	Federal	Mineral Owner		Lease No.	NMLC-029395B
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**LOCATION OF RELEASE**

Unit Letter	Section 20	Township 17S	Range 31E	Feet from the	North/South Line	Feet from the	East/West Line	County Eddy
-------------	---------------	-----------------	--------------	---------------	------------------	---------------	----------------	----------------

Latitude 32 49.495 Longitude 103 53.344

**NATURE OF RELEASE**

Type of Release	Produced water	Volume of Release	100bbls	Volume Recovered	80bbls
Source of Release	8" Main Line	Date and Hour of Occurrence	08/11/2011	Date and Hour of Discovery	08/11/2011
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Mike Bratcher-OCD Jim Amos-BLM		
By Whom?	Josh Russo	Date and Hour	08/12/2011 9:56 a.m.		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\*

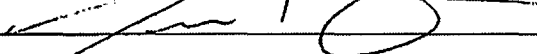
While installing a "T" in the main line the poly line pressured up causing it to rupture. The spill area measured 30' on the ROW in the pasture adjacent to the valve box. The ruptured portion of the line has been replaced and the line has been returned to service.

Describe Area Affected and Cleanup Action Taken.\*

Initially 100bbls was released from the ruptured poly line and we were able to recover 80bbls with a vacuum truck. The spill area measured 30' adjacent to the valve box. All free fluid has been recovered. BBC will sample the spill site area to identify any possible contamination from the release. We will notify the OCD / BLM prior to any significant remediation work.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

**OIL CONSERVATION DIVISION**

Signature: 	Approved by District Supervisor:		
Printed Name: Josh Russo			
Title: HSE Coordinator	Approval Date:	Expiration Date:	
E-mail Address: jrusso@conchoresources.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 08/17/2011 Phone: 432-212-2399			

\* Attach Additional Sheets If Necessary

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**

**OPERATOR**

☐ Initial Report ☒ Final Report

Name of Company	COG Operating LLC	Contact	Pat Ellis
Address	550 W. Texas, Suite 100, Midland, TX 79701	Telephone No.	432-230-0077
Facility Name	8" Main Line	Facility Type	8" Water Line (Cedar Lake)

Surface Owner	Federal	Mineral Owner		Lease No.	NMLC-029395B
---------------	---------	---------------	--	-----------	--------------

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
B	20	17S	31E					Eddy

Latitude N 32 49.495 Longitude W 103 53.344

**NATURE OF RELEASE**

Type of Release	Produced water	Volume of Release	100bbls	Volume Recovered	80bbls
Source of Release	8" Main Line	8/11/11		8/11/11	
		Date and Hour of Occurrence		Date and Hour of Discovery	
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?			
		Mike Bratcher-OCD; Jim Amos-BLM			
By Whom?		Date and Hour	8/12/11	9:56 a.m.	
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\*

While installing a "T" in the main line the poly line pressured up causing it to rupture. The spill area measured 30' on the ROW in the pasture adjacent to the valve box. The ruptured portion of the line has been replaced and the line has been returned to service.


Describe Area Affected and Cleanup Action Taken.\*

Initially 100 bbls were released from the ruptured poly line and we were able to recover 80 bbls with a vacuum truck. All free fluid was recovered. BBC sampled the site and the lab results verify that chlorides are below or near 250 ppm and no further action is necessary.

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: Josh Russo

Approved by District Supervisor:

Title: HSE Coordinator

Approval Date:

Expiration Date:

E-mail Address: jrusso@conchoresources.com

Conditions of Approval:

Attached ☐

Date: 07/05/2012 Phone: 432-212-2399

\* Attach Additional Sheets If Necessary