

[illegible]



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

January 18, 2018

CHASE SETTLE

EOG Y RESOURCES, INC

105 SOUTH 4TH STREET

ARTESIA, NM 88210

RE: COMPROMISE SWD

Enclosed are the results of analyses for samples received by the laboratory on 01/17/18 14:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-17-10. 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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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 (V1, 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:**

 EOG Y RESOURCES, INC  
 CHASE SETTLE  
 105 SOUTH 4TH STREET  
 ARTESIA NM, 88210  
 Fax To: (575) 748-4131

 Received: 01/17/2018  
 Reported: 01/18/2018  
 Project Name: COMPROMISE SWD  
 Project Number: NOT GIVEN  
 Project Location: COMPROMISE SWD

 Sampling Date: 01/17/2018  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: W- SIDE (H800188-01)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	01/17/2018	ND	448	112	400	3.64	

**Sample ID: SW- SIDE (H800188-02)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	01/17/2018	ND	448	112	400	3.64	

**Sample ID: NE- SIDE (H800188-03)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	01/17/2018	ND	448	112	400	3.64	

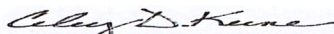
**Sample ID: S- SIDE (H800188-04)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/17/2018	ND	448	112	400	3.64	

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



### Notes and Definitions

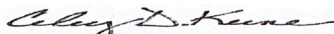
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received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

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\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES  
101 East Marland, Hobbs, NM 88240

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Chase Settle

Company Name: EOG Y Resources, Inc.

Company Address: 105 South 4th Street

City/State/Zip: Artesia, NM 88210

Telephone No: 575-748-4171

Sampler Signature:

e-mail:

[chase.settle@eoqresources.com](mailto:chase.settle@eoqresources.com)

Fax No: 575-748-4131

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

PO #: 205-0750

Project Name:

Compromise SWD

Project #:

Project Loc:

Compromise SWD

(lab use only)

ORDER #: H 800188

LAB # (lab use only)		FIELD CODE	Beginning Depth		Ending Depth		Date Sampled		Time Sampled		Field Filtered		Total #. of Containers		Ice		HNO <sub>3</sub>		HCl		H <sub>2</sub> SO <sub>4</sub>		NaOH		Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>		None		Other ( Specify)		DW=Drinking Water SL=Sludge		GW = Groundwater S=Soil/Solid		NP=Non-Potable Specify Other		TPH: 418.1 8015M 8015B		TPH: TX 1005 TX 1006		Cations (Ca, Mg, Na, K)		Anions (Cl, SO <sub>4</sub> , Alkalinity)		SAR / ESP / CEC		Metals: As Ag Ba Cd Cr Pb Hg		Volatiles		Semivolatiles		BTEX 8021B/5030 or BTEX 8260		RCI		N.O.R.M.		Chlorides		SAR		RUSH TAT (Pre-Schedule) 24, 48, 72 hrs		Standard TAT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															

Preservation & # of Containers

Matrix

Analyze For:

TCLP:

TOTAL:

Special Instructions:

Relinquished by: Date: 1-17-18 Time: 2:25 PM Received by: Date: 1-17-18 Time: 2:30 PM

Relinquished by:

Date: Time:

Received by:

Date:

Time:

Relinquished by:

Date:

Time:

Received by: ELDT

Date:

Time:

Laboratory Comments:

Sample Containers Intact? ☒ VOCs Free of Headspace? ☒ Labels on container(s) ☒ Custody seals on container(s) ☒ Custody seals on cooler(s) ☒ Sample Hand Delivered by Sampler/Client Rep. ? ☒ by Courier? ☒ UPS ☒ DHL ☒ FedEx ☒ Lone Star

Temperature Upon Receipt: 23.1°C 23.3°C 70°F