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

State of New Mexico Energy Minerals and Natural Resources

Form C-141 Revised April 3, 2017

NM OIL CONSERVATION ARTESIA DISTRICT

NOV 01 2017

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Sut RECEIP/ED ppropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

NAB1730642856		OPERA	FOR		🛛 Initi	ial Report		Final Report
Name of Company 4+ 2		Contact						
EOG Y Resources, Inc. # 205'/E Address		Chase Settle				سے پی طوائی وہ میں میں ہے۔		
104 S. 4 th Street, Artesia, NM 88210		Telephone 1 575-748-14						
Facility Name		Facility Typ	/1			······		
Apollo APU Federal #3		Well						
	l_				1 1 2 2 2 2			
Surface Owner Mineral Private Federal					API No			
rilvato reuciai					30-015	-29431		
		N OF RE	LEASE					
Unit Letter Section Township Range Feet from the		South Line	Feet from		ast/West Line	County		
P 10 19S 25E 660	South		660		last	Eddy]
Latitude <u>32,67081</u>	<u> </u>	.ongitude	104.4712	<u>7</u> NA	D83			
NA	TIDE	OF REL	PAST					
Type of Release		Volume of			Volume I	Recovered		• •
Crude Oil and Produced Water		Unknown			None			
Source of Release		Date and H		urrence		Hour of Disc	covery	
Underground flowline Was Immediate Notice Given?		December If YES, To			March 20	117		
Yes X No Not	Required	и 165, 10	WHOMI					
By Whom?		Date and H	our			· · · · · · · · · · · · · · · · · · ·		
Was a Watercourse Reached?				cting the	Watercourse.			
🗖 Yes 🛛 No			•	-				
If a Watercourse was Impacted, Describe Fully.* N/A		.						
Describe Cause of Problem and Remedial Action Taken.* An u	undergroup	nd steel flow	ine failed o	ausing a	release of crude	oil and prod	nced w	ater The
amounts were originally determined to be below the reportable t	threshold a	nd the visual	ly impacted	i area was	s excavated with	the soil hau	led to a	NMOCD
approved disposal facility. When vegetation had not reestablish	ed by Mar	ch of 2017, i	was deter	nined that	t further sampli	ng was neces	sarv.	
Describe Area Affected and Cleanup Action Taken.* An appro 50 feet bgs for vertical delineation and the east side of the releas	oximate are	a of 100 feet	by 40 feet	is impact	ed. Soil sample	s have been		ed down to
sampling will be conducted to determine the north, south, and we	est horizon	ntal extents d	uring the ti	me of exc	avation with co	nfirmation s	moling	z conducted
prior to backfilling.								
I hereby certify that the information given above is true and com regulations all operators are required to report and/or file certain	plete to th	e best of my	knowledge	and unde	rstand that purs	uant to NMC)CD ru	les and
public health or the environment. The acceptance of a C-141 rep	port by the	NMOCD m	a periorn rked as "F	inal Reno	rt" does not reli	eve the oper	nay end ator of l	Janger
should their operations have failed to adequately investigate and	remediate	contaminatio	on that pose	e a threat	to ground water	surface wat	er. hum	nan health
or the environment. In addition, NMOCD acceptance of a C-14	l report do	es not relieve	the operat	tor of resp	onsibility for co	ompliance wi	th any	other
federal, state, or local laws and/or regulations.		·		ONICIE	DILATION	DIVICIO	NT.	
				UNSE	<u>RVATION</u>	DIVISIO	<u>N</u>	
Signature:			C	imad D.	Alle	Sreaments.		
Printed Name: Chase Settle	A	Approved by]	Environme	intal Spec	alist.	Sparter Ca		-
Title: Safety & Environmental Representative II		pproval Date	<u>= 1(2</u>	2/17	Expiration I	Date: N	A	
E-mail Address: Chase_Settle@cogresources.com		Conditions of	Approval:	•				
						Attached	$\mathcal{H}^{\mathcal{N}}$	11.5
Date: November 1, 2017 Phone: 575-748-14	71						1-4	400

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* Attach Additional Sheets If Necessary

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<u>District 1</u> 1625 N. Frencl <u>District 11</u> 811 S. First St. <u>District 111</u> 1000 Rio Braze <u>District 1V</u> 1220 S. St. Fra	, Artesia, NM os Road, Azte	1 88210	5	Energy Mi Oil (1220	inerals Conse) Sout	New Mex and Natur rvation Di h St. France, NM 87:	al Resources vision cis Dr.	Sub	mit 1 Cop a	y to appropri ccordance w	Revise ate Dis	Form C-141 d April 3, 2017 trict Office in 5.29 NMAC.
			Relea				orrective A	ction				
						OPERA				al Report		Final Repor
Name of C				******	Τ	Contact				ur xoport		<u> 1 mui 10poi</u>
EOG Y Re Address	sources, In	IC.				Chase Settl Telephone						
	Street, Arte	sia, NM 882	10			575-748-14						
Facility Na	me					Facility Ty	pe					
Apollo AP	U Federal	#3			l	Well						
Surface Ov	vner			Mineral C	Dwner	AL			API No			
Private			•	Federal					30-015	-29431		
				LOCA	ATIO	N OF RE	LEASE					
Unit Letter	Section 10	Township 19S		eet from the	North South	/South Line	Feet from the 660	East/V East	/est Line	County Eddy		
L <u>.</u>	1 10	170	£ ħ	*******						Ludy		
			Latitud	e_32.67081_	i	Longitude	<u>-104.47127</u> ז	NAD83				
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Type of Rele Crude Oil ar		Water				Volume of Unknown	Release		Volume 1 None	Recovered		
Source of Re		11 4101					Hour of Occurrence	:e		Hour of Disc	covery	
Underground Was Immedi						December			March 20)17		
was immedi	late Notice		Yes 🛛 I	lo 🗌 Not Re	equired	If YES, To	o whom?					
By Whom?					-	Date and H	Iour					
Was a Water	course Rea		xr 57 >	-		If YES, V	olume Impacting t	he Wate	rcourse.			
			Yes 🛛 N	10								
If a Watercon	urse was Im	pacted, Descr	ibe Fully.*									
Describe Car	use of Probl	em and Reme	dial Action T	aken.* An un	dergrou	ind steel flow	line failed causing	g a releas	e of crude	oil and prod	uced w	ater. The
amounts wer	e originally	determined to	be below the	e reportable the	reshold :	and the visual	lly impacted area to the second se	was exca	vated with	the soil hau	led to a	a NMOCD
Describe Are	a Affected	and Cleanup A	Action Taken	* An approx	imate ar	ea of 100 fee	t by 40 feet is imp	acted. S	oil sample	s have been	collecte	ed down to
50 feet bgs fe	or vertical d	elineation and	the east side	of the release	has been	n found horiz	ontally. Due to re	maining	pipelines	within the re	lease ar	rea, sidewall
							luring the time of oved work plan	excavati	on with co	infirmation s	impling	g conducted
I hereby cert	ify that the	nformation gi	ven above is	true and comp	lete to tl	he best of my	knowledge and u					
							nd perform correc arked as "Final Re					
should their of	operations h	ave failed to a	dequately inv	vestigate and re	emediate	e contaminati	on that pose a thre	eat to gro	und water	, surface wat	er, hun	nan health
		ddition, NMO ws and/or regu		ce of a C-141	report d	oes not reliev	e the operator of r	responsit	oility for co	ompliance wi	th any	other
	, 01 10041 14	vis alla/or regu			T		OIL CONS	SERV	ATION	DIVISIO	N	
Signature:	Than L	Settle										
Printed Name	e: Chase Se	ttle				Approved by	Environmental Sp	pecialist:				
Title: Safety	& Environ	mental Repres	entative II			Approval Dat	e:	E	xpiration]	Date:		
E-mail Addre	ess: Chase	Settle@eogre	sources.com			Conditions of	Approval:			Attached		
Date: April	12, 2018		Phone: 57:	5-748-1471						1		

* Attach Additional Sheets If Necessary

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EOG Resources, Inc. Artesia Division Office 104 S. 4th Street Artesia, N. M. 88210

April 12, 2018

Ms. Crystal Weaver NMOCD District II 811 S. First St. Artesia, NM 88210

Re: Apollo APU Federal #3 30-015-29431 Section 10, T19S-R25E Eddy County, New Mexico 2RP-4465

Ms. Weaver,

EOG Y Resources, Inc. is submitting the enclosed Closure Report and C-141 Final for the above referenced site. The plan is being submitted in response to the C-141 report dated on November 2, 2017 and work plan approved by NMOCD on March 2, 2018.

If you have any questions, feel free to call me at (575) 748-4171.

Respectfully,

Chase Settle Rep Safety & Environmental II EOG Y Resources, Inc.



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EOG Y Resources, Inc. Apollo APU Federal #3 Closure Report Section 10, T19S-R25E Eddy County, New Mexico April 12, 2018 2RP-4465

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- Appendix B: USGS Groundwater Information
- Appendix C: Soil Sample Laboratory Data
- Appendix D: Form C-141 Initial

Appendix E: Form C-141 Final

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I. Location

From the intersection of US 285 and Rocking R Red Road, follow Rocking R Red Road west for 4.0 miles. Turn north and follow lease road for 1.2 miles, then turn west on the lease road to the location, then north along the pipeline Right of Way (ROW) for 305 feet.

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II. Background

On December 9, 2015, Yates Petroleum Corporation received a report of a non-reportable release that occurred on an underground flowline after a pressure test was performed on that line. The released volume reported was 2 B/O and 1 B/PW with no volumes recovered. The area visually impacted was excavated and hauled to a NMOCD approved disposal facility. In March of 2017 it was brought to the attention of the Environmental Division by the landowner that this areas vegetation had yet to recover from said release. With an affected area of approximately 100 feet by 40 feet, it was determined that soil sampling was warranted. Initial delineation samples were taken on April 18, 2017 and sent to a NMOCD approved laboratory (April 26, 2017 and May 9, 2017, results enclosed). Based on the initial sample results, further samples were collected on June 14, 2017 and sent to a NMOCD approved laboratory (June 29, 2017 and July 10, 2017, results enclosed). Due to elevated chlorides remaining, a core rig was contracted to perform further sampling on August 10, 2017 with these samples being sent to a NMOCD approved laboratory for testing (August 15, 2017, results enclosed).

III. Surface and Ground Water

Area surface geology is Paleozoic Permian. Based on information from the New Mexico Office of the State Engineer database and United States Geological Survey National Water Information System (USGS) regarding this location (Section 10, T19S-R25E), depth to groundwater is approximately 93 feet. Watercourses in the area are dry except for infrequent flows in response to major precipitation events, with the nearest body of surface water being Brantley Lake at 7.0 miles away.

IV. NMOCD Ranking Criteria

The ranking for this site is ten (10) based on the following:

Depth to ground water	50-99'
Wellhead Protection Area	> 1000'
Distance to surface water body	> 1000'

Based on the ranking criteria, the NMOCD established RRALs for this site are:

Benzene	10 ppm
BTEX	50 ppm
TPH	1000 ppm
Chlorides	No established RRAL
omorrado	

V. Soils

The area consists of soils that are loam based topsoil that lay atop the historic sand and river rock layers encountered at 12 feet below grade surface (bgs) before hitting clay layers between 30 and 35 feet that restrict further movement of contaminants.

eog resources

VI. Work Completed

EOG Y Resources, Inc. excavated the impacted area to four (4) feet bgs, hauling all excavated soil to a NMOCD approved facility for disposal. EOG Y Resources, Inc. identified the remaining horizontal extents of contamination to the north, south and west by taking sidewall samples (3/22/18) at four (4) feet bgs during excavation activities. The South Sidewall was at 784 mg/kg for chloride during the first sampling, so approximately four (4) more inches were removed and the sidewall was resampled. Results after the second sampling (4/2/18) were 48 mg/kg for chloride. A Geosynthetic Clay Liner was installed and the excavation was backfilled according to the soil preference of the private landowner.

Remediation work is completed and a C-141 Final is hereby submitted to the NMOCD requesting closure of the site.



April 12, 2018

Table 1Soil Analytical Data

energy opportunity growth

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April 12, 2018

Soil Analytical Data

Sample ID	Depth (ft. bgs)	Date	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH (GRO)	TPH (DRO)	TPH EXT DRO	Total TPH	Chlorides
S1-1'	1'	04/18/17	ND	ND	ND	ND	ND	ND	ND	ND	ND	7700
S1-3'	3'	04/18/17	ND	ND	ND	ND	ND	ND	ND	ND	ND	13000
S2-1'	1'	04/18/17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S2-3'	3'	04/18/17	ND	ND	ND	ND	ND	ND	ND	ND	ND	37
S3-1'	1'	04/18/17	ND	ND	ND	ND	ND	ND	ND	ND	ND	430
S3-3'	3'	04/18/17	ND	ND	ND	ND	ND	ND	ND	ND	ND	11000
S1-5'	5'	04/18/17	-	-	-	-	-	-	-	-	-	7600
S1-7'	7'	04/18/17	-	-	-	-	-	-	-	-	-	11200
S1-9'	9'	04/18/17	-	-	-	-	-	-	-	-	-	12000
S1-11'	11'	04/18/17	-	-	-	-	-	-	-	-	-	10400
S1-13'	13'	04/18/17	-	-	-	-	-	-	-	-	-	7060
S2-5'	5'	04/18/17	-	-	-	-	-	-	-	-	-	208
S2-7'	7'	04/18/17	-	-	-	-	-	-	-	-	-	6800
S2-9'	9'	04/18/17	-	-	-	-	-	-	-	-	-	12100
S2-11'	11'	04/18/17	-	-	-	-	-	-	-	-	-	11200
S2-13'	13'	04/18/17	-	-	-	-	-	-	-	-	-	6800
S3-5'	5'	04/18/17	-	-	-	-	-	-	-	-	-	12600
S3-7'	7'	04/18/17	-	-	-	-	-	-	-	-	-	10700
S3-9'	9'	04/18/17	-	-	-	-	-	-	-	-	-	11300
S3-11'	11'	04/18/17	-	-	-		-	-	-	-		12500
S3-13'	13'	04/18/17	-	-	-	-	-	-	-	-	-	12400
S4-1'	1'	04/18/17	-	-	-	-	-	-	-	-	-	160
S4-3'	3'	04/18/17	-	-	-	-	-	-	-	-	-	208
S4-5'	5'	04/18/17	-	-	-	-	-	-	-	-	-	944
S4-7'	7'	04/18/17	-	-	-	-	-	-	-	-	-	5360
S4+5-1'	1'	04/18/17	-	-	-	-	-	-	-	-	-	176
S4+5-3'	3'	04/18/17	-	-	-	-	-	-	-	-	-	80
S4+5-5'	5'	04/18/17	-	-	-	-	-	-	-	-	-	1800
S4+5-7'	7'	04/18/17 04/18/17	-	-	-	-	-	-	-	-	-	672 10000
S5-1'	1' 3'		-	-	-	-	-	-	-	-	-	11700
S5-3' S5-5'	5'	04/18/17 04/18/17	-	-	-	-	-	-	-	-	-	11000
<u>S5-5</u> S5-7'	7'	04/18/17	-	-	-	-	-		-	-	-	9330
<u>55-7</u> S5+5-1'	1'	04/18/17	-	-	-	-	-		-	-	-	4930
S5+5-3'	3'	04/18/17	-	-	-	-	-		-	-	-	3600
S5+5-5'	5'	04/18/17	-	-	-	-	-	-	-	-	-	6530
S5+5-7'	7'	04/18/17	-	-	-	-	-	-	-	-	-	7840
00+0-7	,	04/10/11										7040
T1-12'	12'	06/14/17	-	-	-	-	-	-	-	-	-	13000
T1-15'	15'	06/14/17	-	-	-	-	-	-	-	`-	-	13000
T1-18'	18'	06/14/17	-	-	-	-	-	-	-	-	-	3100
T1-21'	21'	06/14/17	-	-	-	-	-	-	-	-	-	7400
T2-12'	12'	06/14/17	-	-	-	-	-	-	-	-	-	14000
T2-15'	15'	06/14/17	-	-	-	-	-	-	-	-	-	10000
T2-18'	18'	06/14/17	-	-	-	-	-	-	-	-	-	9900
T2-21'	21'	06/14/17	-	-	-	-	-	-	-	-	-	1900
T3-12'	12'	06/14/17	-	-	-	-	-	-	-	-	-	110
T3-15'	15'	06/14/17		-	-	-	-	-	-	-	-	79
T3-18'	18'	06/14/17	-	-	-	-	-	-	-	-	-	180
T4-12'	12'	06/14/17	-	-	-	-	-	-	-	-	-	150
T4-15'	15'	06/14/17	-	-	-	-	-	-	-	-	-	220
T4-18'	18'	06/14/17	-	-	-	-	-	-	-	-	-	130
C-25'	25'	8/10/17	-	-	-	-	-	-	-	-	-	2440
C-25 C-30'	30'	8/10/17	-	-	-	-	-	-	-		-	2440
C-30 C-35'	30	8/10/17	-		-		-	-	-	-		2840 288
C-40'	40'	8/10/17		-	-					-	-	
C-40' C-45'	40'	8/10/17 8/10/17	-	-	-		-	-	-	-	-	1150 64
C-45 C-50'	45 50'	8/10/17	-	-	-		-	-	-	-	-	<16.0
			22									510.0

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<u>2R</u>	P-4465									April	12, 2018	-
North Sidewall	4'	3/22/18	-	-	-	-	-	-	-	-	-	32
South Sidewall	4'	3/22/18	-	-	-		-	-	- ,	-	-	784
South Sidewall	4'	4/2/18	-	-	-	-	-	-	-	-	-	48
Northwest Sidewall	4'	3/22/18	-	•	-	-	-	-	-	-	-	32
Southwest Sidewall	4'	3/22/18	-	-	-	-	-	-	-	-	-	<16.0



April 12, 2018

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Photos







April 12, 2018





April 12, 2018

Figure 1 Site Map with Sample Points

energy opportunity growth





April 12, 2018

Appendix A NMOSE Well Log

energy opportunity growth

						W					ce of the S		0		1		
(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right	(R=POD been repl O=orpha C=the fil- closed)	laced, ned,	(quar	ters are 1=; (quarters					(NAD8	3 UTM in meters)				(in fe	rel)	,	
POD Number RA 05450	Code	POD Subbasin	County CH	Source Shallow					X 550057	¥ 3614015• 🕋	Distance Start Date 1022 07/16/1968	Finish Date 07/21/1968	Log File Date 08/21/1969	Depth Well 204	Depth Water 80	Driller	Licens Numbe 464
RA 05900			ED	Shallow	22	16	195	25E	5484442	3614424* 🌍	1235 03/18/1974	03/19/1974	03/25/1974	185	95		460
Record Count: 2											••••••			• • • • • • • • • •			
UTMNAD83 Radi	us Search	h (in meter	<u>(s):</u>														
Easting (X): 5	49574.97			Northing	(Y):	36149	16.86	5		Radius: 150	00						•
*UTM location was derive	d from PL	SS - see He	lp														

The data is furnished by the 1 particular purpose of the data. 11/1/17 12:48 PM

WELLS WITH WELL LOG INFORMATION



April 12, 2018

Appendix B USGS Groundwater Information

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USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater Geographic Area ۲ GO Y

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Groundwater levels for the Nation

Search Results -- 1 sites found

Agency code = usgs

site_no list =

• 324004104285801

Minimum number of levels = 1

Date range = 01/01/2000 . 11/01/2017 Save file of selected sites to local disk for future upload

USGS 324004104285801 19S.25E.16.22332

Eddy County, New Mexico

Latitude 32°40'04", Longitude 104°28'58" NAD27 Land-surface elevation 3,487 feet above NAVD88 This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

Table of data Tab-separated data

Graph of data

Reselect period

bate	Time	? Water- level date- time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water- level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water- level approval status
004-02-04		D	99.74			. 2		S	USGS	A	
006-02-14	12:05 MST	m	98,53			2		S	NM001	Α	
07-02-13	12:00 MST	m	99,24			2		S	NM001	A	
008-01-14	10:15 MST	m	97.04			2		S	NM001	Α	
009-01-06	13:45 MST	m	89.77			2		S	NM001	A	
010-01-20	13:25 MST	m	96.84			2		S	NM001	Α	
012-01-05	13:20 MST	m	95.67			2		S	NM001	A	

Code Description Section Date is accurate to the Day D Water-level date-time accuracy Date is accurate to the Minute Water-level date-time accuracy m Water level accuracy to nearest hundredth of a foot Water-level accuracy 2 The reported water-level measurement represents a static level Status Method of measurement S Steel-tape measurement. New Mexico State Engineers Office NM001 Measuring agency USGS U.S. Geological Survey Measuring agency Reported by another government agency (do not use "A" If reported by owner, use "O"). Α Source of measurement Water-level approval status A Approved for publication -- Processing and review completed.

Questions about sites/data? Feedback on this web site Automated retrievals Help Data Tips Explanation of terms Subscribe for system changes News

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Explanation



USGS Home Contact USGS Search USGS

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National Water Information System: Web Interface USGS Water Resources

ata Category Geographic Area Groundwater V GO

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Groundwater levels for the Nation

Search Results -- 1 sites found

Agency code = usgs

site_no list = 323953104274401

Minimum number of levels = 1

Date range = 01/01/2000 . 11/01/2017 Save file of selected sites to local disk for future upload

USGS 323953104274401 19S.25E.14.133131

Eddy County, New Mexico

Latitude 32°39'53", Longitude 104°27'44" NAD27

Land-surface elevation 3,433 feet above NAVD88 This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

Table of data

Tab-separated data Graph of data Reselect period Water ? ? Water level, level, Waterfeet Referenced ? Waterfeet above vertical Time Water-Date level Method of Measuring Source of level below Status datespecific vertical datum level approval status land measurement agency measurement accuracy time surface accuracy datum S USGS S D 93.26 2 A 2003-01-24 D 97.78 2 S USGS A A 2004-02-09 2005-02-03 09:45 MST m 91,42 2 S NM001 R A 91.72 2 s NM001 A A 2006-02-14 12:30 MST m 92.35 2 S NM001 A A 2007-02-09 11:00 MST m 2 S NM001 Α Α 94.90 2008-01-15 09:25 MST m s NM001 A 104.46 2 A 2010-01-21 10:00 MST m s NM001 A 2 Α 2011-01-21 10:35 MST 103.40 m 2 s NM001 A A 2012-01-05 08:45 MST m 103.69 A 2 s NM001 A 2015-01-13 13:23 MST m 97.65

Code Description Section Date is accurate to the Day D Water-level date-time accuracy Date is accurate to the Minute Water-level date-time accuracy m Water level accuracy to nearest hundredth of a foot 2 Water-level accuracy The reported water-level measurement represents a static level Status S Method of measurement Steel-tape measurement. NM001 New Mexico State Engineers Office Measuring agency USGS U.S. Geological Survey Measuring agency Reported by another government agency (do not use "A" if reported by owner, use "O"). Source of measurement A Reported by person other than the owner, driller, or another government agency. Source of measurement R s Measured by personnel of reporting agency. Source of measurement A Approved for publication -- Processing and review completed. Water-level approval status

Explanation

Ouestions about sites/data? Feedback on this web site



April 12, 2018

Appendix C Soil Sample Laboratory Data

energy opportunity growth



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquergue, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: <u>www.hallenvironmental.com</u>

April 26, 2017

Chase Settle EOG Resources 105 South Fourth Street Artesia, NM 88210 TEL: (575) 748-4111 FAX

OrderNo.: 1704918

Released to Imaging: 4/10/2023 11:22:29 AM

Dear Chase Settle:

RE: Apollo APU 3

Hall Environmental Analysis Laboratory received 6 sample(s) on 4/20/2017 for the analyses presented in the following report.

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

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

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

Sincerely,

Andig

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Analytical Report Lab Order 1704918 Date Reported: 4/26/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Resources Project: Apollo APU 3			Client Samp Collection		1' 8/2017 9:22:00 AM	
Lab ID: 1704918-001	Matrix	SOIL	Received	Date: 4/2(0/2017 9:50:00 AM	
Analyses	Result	PQL Qua	l Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	MRA
Chloride	7700	300	mg/Kg	200	4/25/2017 3:20:17 PM	31386
EPA METHOD 8015M/D: DIESEL RANGI		cs			Analyst	JME
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	4/24/2017 12:36:57 PM	31361
Surr: DNOP	88.4	70-130	%Rec	1	4/24/2017 12:36:57 PM	31361
EPA METHOD 8015D: GASOLINE RANG	θE				Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	4/21/2017 6:20:13 PM	31352
Surr: BFB	95.9	54-150	%Rec	1	4/21/2017 6:20:13 PM	31352
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.025	mg/Kg	1	4/21/2017 6:20:13 PM	31352
Toluene	ND	0.049	mg/Kg	1	4/21/2017 6:20:13 PM	31352
Ethylbenzene	ND	0.049	mg/Kg	1	4/21/2017 6:20:13 PM	31352
Xylenes, Total	ND	0.099	mg/Kg	1	4/21/2017 6:20:13 PM	31352
Surr: 4-Bromofluorobenzene	114	66.6-132	%Rec	1	4/21/2017 6:20:13 PM	31352

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Е	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 1 of 10
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Analytical Report Lab Order 1704918 Date Reported: 4/26/2017

Hall Environmental Analysis Laboratory, Inc.

	,					
CLIENT: EOG Resources Project: Apollo APU 3		60N		Date: 4/1	8/2017 9:25:00 AM	
Lab ID: 1704918-002	Matrix:	SOIL	Received	Date: 4/2	0/2017 9:50:00 AM	
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS	•				Analyst	: MRA
Chloride	13000	750	mg/Kg	500	4/25/2017 3:32:41 PM	31386
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANIC	S			Analyst	: JME
Diesel Range Organics (DRO)	ND	9.2	mg/Kg	1	4/24/2017 1:59:51 PM	31361
Surr: DNOP	86.2	70-130	%Rec	1	4/24/2017 1:59:51 PM	31361
EPA METHOD 8015D: GASOLINE R	ANGE				Analyst	: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	4/21/2017 6:43:52 PM	31352
Surr; BFB	97.3	54-150	%Rec	1	4/21/2017 6:43:52 PM	31352
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.025	mg/Kg	1	4/21/2017 6:43:52 PM	31352
Toluene	ND	0.050	mg/Kg	1	4/21/2017 6:43:52 PM	31352
Ethylbenzene	ND	0.050	mg/Kg	1	4/21/2017 6:43:52 PM	31352
Xylenes, Total	ND	0.099	mg/Kg	1	4/21/2017 6:43:52 PM	31352
Surr: 4-Bromofluorobenzene	116	66.6-132	%Rec	1	4/21/2017 6:43:52 PM	31352

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

Value exceeds Maximum Contaminant Level. Qualifiers: * D Sample Diluted Due to Matrix н Holding times for preparation or analysis exceeded

- Not Detected at the Reporting Limit ND
- RPD outside accepted recovery limits R
- S % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank В
- Ε Value above quantitation range
- Analyte detected below quantitation limits Page 2 of 10 J
- Р Sample pH Not In Range
- RL **Reporting Detection Limit**
- Sample container temperature is out of limit as specified W

Received by OCD: 4/4/2023 7:25:13 AM

Analytical Report Lab Order 1704918 Date Reported: 4/26/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Resources Project: Apollo APU 3 Lab ID: 1704918-003	Matrix:	Client Sample ID: S2-1' Collection Date: 4/18/2017 9:58:00 AM Matrix: SOIL Received Date: 4/20/2017 9:50:00 AM						
Analyses	Result	PQL Q	ual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analyst	: MRA		
Chloride	ND	30	mg/Kg	20	4/24/2017 1:21:30 PM	31386		
EPA METHOD 8015M/D: DIESEL RANG	E ORGANIC	S			Analyst	: JME		
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	4/24/2017 2:27:55 PM	31361		
Surr: DNOP	86.4	70-130	%Rec	1	4/24/2017 2:27:55 PM	31361		
EPA METHOD 8015D: GASOLINE RAN	GE				Analyst	: NSB		
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	4/21/2017 7:07:15 PM	31352		
Surr: BFB	96.1	54-150	%Rec	1	4/21/2017 7:07:15 PM	31352		
EPA METHOD 8021B: VOLATILES					Analyst	: NSB		
Benzene	ND	0.025	mg/Kg	1	4/21/2017 7:07:15 PM	31352		
Toluene	ND	0.050	mg/Kg	1	4/21/2017 7:07:15 PM	31352		
Ethylbenzene	ND	0.050	mg/Kg	1	4/21/2017 7:07:15 PM	31352		
Xylenes, Total	ND	0.10	mg/Kg	1	4/21/2017 7:07:15 PM	31352		
Surr: 4-Bromofluorobenzene	114	66.6-132	%Rec	1	4/21/2017 7:07:15 PM	31352		

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the as
	D	Sample Diluted Due to Matrix	Е	Value above quantitation
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below q
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit

- % Recovery outside of range due to dilution or matrix S
- associated Method Blank
- n range
- quantitation limits Page 3 of 10
- e
- nit
- Sample container temperature is out of limit as specified W

Analytical Report Lab Order 1704918

Hall Environmental Anal		Lab Order 1704918 Date Reported: 4/26/2017						
CLIENT: EOG Resources Project: Apollo APU 3 Lab ID: 1704918-004	Client Sample ID: S2-3' Collection Date: 4/18/2017 10:01:00 AM Matrix: SOIL Received Date: 4/20/2017 9:50:00 AM							
Lab ID: 1704918-004 Analyses	Matrix: Result		Qual Units		Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS		-			Analyst	MRA		
Chloride	37	30	mg/Kg	20	4/24/2017 1:33:55 PM	31386		
EPA METHOD 8015M/D: DIESEL RA		S			Analyst	: JME		
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	4/24/2017 2:56:13 PM	31361		
Surr: DNOP	83.5	70-130	%Rec	1	4/24/2017 2:56:13 PM	31361		
EPA METHOD 8015D: GASOLINE R	ANGE				Analyst	NSB		
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	4/21/2017 7:30:38 PM	31352		
Surr: BFB	95.8	54-150	%Rec	1	4/21/2017 7:30:38 PM	31352		
EPA METHOD 8021B: VOLATILES					Analyst	: NSB		
Benzene	ND	0.024	mg/Kg	1	4/21/2017 7:30:38 PM	31352		
Toluene	ND	0.048	mg/Kg	1	4/21/2017 7:30:38 PM	31352		
Ethylbenzene	ND	0.048	mg/Kg	1	4/21/2017 7:30:38 PM	31352		
Xylenes, Total	ND	0.096	mg/Kg	1	4/21/2017 7:30:38 PM	31352		
Surr: 4-Bromofluorobenzene	113	66.6-132	%Rec	1	4/21/2017 7:30:38 PM	31352		

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Е	Value above quantitation range
	н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 4 of 10
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	w	Sample container temperature is out of limit as specified

Analytical Report Lab Order 1704918 Date Reported: 4/26/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Resources Project: Apollo APU 3 Lab ID: 1704918-005	Matrix:	Client Sample ID: S3-1'Collection Date: 4/18/2017 10:31:00 AMMatrix: SOILReceived Date: 4/20/2017 9:50:00 AM						
Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analys	MRA		
Chloride	430	30	mg/Kg	20	4/24/2017 1:46:19 PM	31386		
EPA METHOD 8015M/D: DIESEL RAN	GE ORGANIC	s			Analys	JME		
Diesel Range Organics (DRO)	ND	9.2	mg/Kg	1	4/24/2017 3:24:20 PM	31361		
Surr: DNOP	85.4	70-130	%Rec	1	4/24/2017 3:24:20 PM	31361		
EPA METHOD 8015D: GASOLINE RAM	NGE				Analys	: NSB		
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	4/21/2017 7:53:57 PM	31352		
Surr: BFB	96.3	54-150	%Rec	1	4/21/2017 7:53:57 PM	31352		
EPA METHOD 8021B: VOLATILES					Analyst	: NSB		
Benzene	ND	0.025	mg/Kg	1	4/21/2017 7:53:57 PM	31352		
Toluene	ND	0.049	mg/Kg	1	4/21/2017 7:53:57 PM	31352		
Ethylbenzene	ND	0.049	mg/Kg	1	4/21/2017 7:53:57 PM	31352		
Xylenes, Total	ND	0.099	mg/Kg	1	4/21/2017 7:53:57 PM	31352		
Surr: 4-Bromofluorobenzene	113	66.6-132	%Rec	1	4/21/2017 7:53:57 PM	31352		

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.

- Sample Diluted Due to Matrix D Н
- Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank В
- Ε Value above quantitation range
- Analyte detected below quantitation limits Page 5 of 10 J
- P Sample pH Not In Range
- **Reporting Detection Limit** RL
- W Sample container temperature is out of limit as specified

Received by OCD: 4/4/2023 7:25:13 AM

Analytical Report Lab Order 1704918

Date Reported: 4/26/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG Resources			Client Sampl	e ID: S3-	3'					
Project: Apollo APU 3		Collection Date: 4/18/2017 10:33:00 AM								
Lab ID: 1704918-006	Matrix:	SOIL	Received Date: 4/20/2017 9:50:00 AM							
Analyses	Result	PQL Qual	Units	DF	Date Analyzed	Batch				
EPA METHOD 300.0: ANIONS					Analys	: MRA				
Chloride	11000	750	mg/Kg	500	4/25/2017 3:45:06 PM	31386				
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANIC	S			Analyst	: JME				
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	4/24/2017 3:53:06 PM	31361				
Surr: DNOP	86.0	70-130	%Rec	1	4/24/2017 3:53:06 PM	31361				
EPA METHOD 8015D: GASOLINE RAN	IGE				Analyst	: NSB				
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	4/21/2017 8:17:21 PM	31352				
Surr: BFB	96.0	54-150	%Rec	1	4/21/2017 8:17:21 PM	31352				
EPA METHOD 8021B: VOLATILES					Analyst	: NSB				
Benzene	ND	0.024	mg/Kg	1	4/21/2017 8:17:21 PM	31352				
Toluene	ND	0.048	mg/Kg	1	4/21/2017 8:17:21 PM	31352				
Ethylbenzene	ND	0.048	mg/Kg	1	4/21/2017 8:17:21 PM	31352				
Xylenes, Total	ND	0.096	mg/Kg	1	4/21/2017 8:17:21 PM	31352				
Surr: 4-Bromofluorobenzene	113	66.6-132	%Rec	1	4/21/2017 8:17:21 PM	31352				

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Е	Value above quantitation range
	н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 6 of 10
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	w	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

WO#: 1704918

26-Apr-17

	Resources lo APU 3								
Sample ID MB-31386	SampType: mblk	TestCode: EPA Method	TestCode: EPA Method 300.0: Anions						
Client ID: PBS	Batch ID: 31386	Batch ID: 31386 RunNo: 42317							
Prep Date: 4/24/2017	Analysis Date: 4/24/2017	Units: mg/Kg							
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual					
Chloride	ND 1.5								
Sample ID LCS-31386	SampType: Ics	TestCode: EPA Method	300.0: Anions						
Client ID: LCSS	Batch ID: 31386	RunNo: 42317							
Prep Date: 4/24/2017	Analysis Date: 4/24/2017	SeqNo: 1330757	Units: mg/Kg						
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual					
Chloride	14 1.5 15.00	0 91.6 90	110						

Qualifiers:

Received by OCD: 4/4/2023 7:25:13 AM

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Page 7 of 10

Hall Environmental Analysis Laboratory, Inc.

200	Resources									
Sample ID MB-31361	SampType: MBLK			Tes	TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID: PBS	Batcl	Batch ID: 31361			RunNo: 42308					
Prep Date: 4/21/2017	Analysis D	Date: 4/24/2017 SeqNo: 1330174 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Surr: DNOP	8,6		10.00		86.0	70	130	*****		
Sample ID LCS-31361	SampT	ype: LC	s	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: LCSS	Batch	h ID: 31	361	F	RunNo: 4	2308				
Prep Date: 4/21/2017	Analysis D	Date: 4/	24/2017	5	BeqNo: 1	330470	Units: mg/H	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	42	10	50.00	0	84.0	63.8	116			
Surr: DNOP	4.3		5.000		86.6	70	130			

Qualifiers:

D

Received by OCD: 4/4/2023 7:25:13 AM

- * Value exceeds Maximum Contaminant Level.
 - Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded

,

- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

1704918

WO#:

Page 8 of 10

26-Apr-17

Hall Environmental Analysis Laboratory, Inc.

0	Resources o APU 3		nen och södda som som som							
Sample ID MB-31352	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batc	Batch ID: 31352			RunNo: 4	2286				
Prep Date: 4/20/2017	Analysis [Date: 4/	21/2017	5	SeqNo: 1	329583	Units: mg/H	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	950		1000		95.5	54	150			
Sample ID LCS-31352	Samp	Type: LC	S	Tes	tCode: El	PA Method	8015D: Gase	oline Rang	e	
Client ID: LCSS	Batc	h ID: 31	352	F	RunNo: 4	2286				
Prep Date: 4/20/2017	Analysis I	Date: 4/	21/2017	9	SeqNo: 1	329584	Units: mg/H	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	95.8	76.4	125			
Surr: BFB	1000		1000		103	54	150			

Qualifiers:

Received by OCD: 4/4/2023 7:25:13 AM

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

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WO#:

26-Apr-17

Hall Environmental Analysis Laboratory, Inc.

1.2

1.000

Client:	EOG Resources									
Project:	Apollo APU 3									
Sample ID MB-3	31352 Samı	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles					
Client ID: PBS	Bat	ch ID: 31	352	F	RunNo: 4	2286				
Prep Date: 4/20	0/2017 Analysis	Date: 4/	/21/2017	ક	SeqNo: 1	329596	Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluoro	benzene 1.2		1.000		115	66.6	132			
Sample ID LCS-	-31352 Samp	Type: LC	s	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID: LCS	s Bat	ch ID: 31	352	F	RunNo: 4	2286				
Prep Date: 4/20	0/2017 Analysis	Date: 4/	/21/2017	8	SeqNo: 1	329597	Units: mg/K	ζg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	1.000	0	107	80	120			
Toluene	1.0	0.050	1.000	0	100	80	120			
Ethylbenzene	1.0	0.050	1.000	0	100	80	120			
Xylenes, Total	2.8	0.10	3.000	0	92.9	80	120			

117

66.6

132

Qualifiers:

Received by OCD: 4/4/2023 7:25:13 AM

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix

Surr: 4-Bromofluorobenzene

- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

WO#: 1704918

26-Apr-17

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	HALL Environmental Analysis Laboratory			ental Analysis Labora 4901 Hawkins Albuquerque, NM 87 3975 FAX; 505-345-4 ww.hallenvironmental.	NE 109 Sam 107	Sample Log-In Check List	
Client Nan	ne: EOG/Yate	8	Work Order Nun	nber: 1704918		RcptNo:	1
Received I Completed Reviewed I	By: Ashley G	-	4/20/2017 9:50:00 4/20/2017 11:31:4 04(20(17	0 AM	Ang the second s		
<u>Chain of</u>	<u>Custody</u>	\bigtriangledown			1.01/20/17		
1. Custod	y seals intact on	sample bottles	?	Yes 🗹 👌		·Net-Present-1	
2. Is Chai	n of Custody com	plete?		Yes 🗹	No 🗌	Not Present	r
3. How we	is the sample de	lvered?		Courier			
<u>Log In</u>	<u>Log In</u>						
4. Was ar	4. Was an attempt made to cool the samples?				No 🗆		
5. Were a	5. Were all samples received at a temperature of $>0^\circ$ C to 6.0°C				No 🗆	NA 🗆	
6. Sample	(s) in proper con	tainer(s)?		Yes 🗹	No 🗆		
7, Sufficie	 7. Sufficient sample volume for indicated test(s)? 8. Are samples (except VOA and ONG) properly preserved? 				No 🗆		
8. Are san	ples (except VO	A and ONG) p	operly preserved?	Yes 🗹	No 🗆		•
9. Was pre	eservative added	to bottles?		Yes 🗖	No 🗹	NA 🗆	
10.VOA vie	is have zero hee	dspace?		Yes 🗌	No 🗌	No VOA Vials 🗹	
11, Were a	ny sample contai	ners received l	proken?	Yes 🗆	No 🗹 [
	12. Does paperwork match bottle labels? (Note discrepancies on chain of custody)			Yes 🗹	No 🗆	# of preserved bottles checked for pH: (<2 or	>12 unless noted)
13. Are matrices correctly identified on Chain of Custody?			Yes 🗹	No 🗆	Adjusted?		
14. Is it clear what analyses were requested?			Yes 🗹	No 🛛			
15. Were all holding times able to be met? (If no, notify customer for authorization.)				Yes 🗹	No □	Checked by:	
<u>Special Handling (if applicable)</u>							
	16, Was client notified of all discrepancies with this order?				No 🗆	NA 🗹	
Pe	Person Notified: Date			8	CHARLES MARTINE		
				eMail Pl	none 🗌 Fax	🗌 In Person	
Regarding:							
L	Client Instructions:						
17. Additional remarks: 18. Cooler Information							
18. <u>Cooler</u> Cooler	1	Condition	Seal Intact Seal No	Seal Date	Signed By		
1	3.9	Good	Yes		- 3		
Page	Page 1 of 1						

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Client: EOG.Y.R Mailing Address: 105 South 4th St Phone #:	EOG Y Resources, Inc. Address: uth 4th Street Artesia, N #: 575-703-6537	Client: EOG Y Resources, Inc. Mailing Address: 105 South 4th Street Artesia, NM 88210 Phone #: 575-703-6537	X Standard Project Name: Project #	□ Rush Apollo APU #3 30-015-29431	U #3 431		4901 Hawkins NE	A w w 15-345	HALL ANAL www.hall kins NE - 345-3975 A	HALL ENVIRON ANALYSIS LABC www.hallenvironmental.com kins NE - Albuquerque, NM 8 345-3975 Fax 505-345-41 Analysis Request		ABC ABC al.com e, NM 845.4	ENVIRONMENTAL YSIS LABORATORY environmental.com Albuquerque, NM 87109 Fax 505-345-4107 alysis Request	ENVIRONMENTAI YSIS LABORATOR environmental.com Albuquerque, NM 87109 Fax 505-345-4107 nalysis Request	₹ A
email or Fax#: QA/QC Package: Candard Accreditation: NELAP D EDD (Type) Date Time		Chase Settle@eogresources.com □ Level 4 (Full Validation) □ Other □ Other Matrix Sample Request ID	Project Manager. Chr Sampler: Chr Sample: Chr Sample: Chr Dr Dr Container Pre	ger: Chase Settle PO # 205. 0750 Chase Settle Chase Settle Brase Vative Preservative Type	150 FSO FENENC	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only) TPH Method 8015B (Gas/Diesel)	(1.814 borlteM) HqT	EDB (Method 504.1) 8310 (PNA or PAH)	RCRA 8 Metals Anions (F, CI, ИО₃,ИО₂,РО₄,SO₄)	8081 Pesticides / 8082 PCB's	(AOV) 80828	(AOV-ime2) 0728		•
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4/18/2017 10:01A	A Soil	S2-3' S3-1'	1 - 402. 1 - 407	CE CE	-004	× ×	<u>. × ×</u>			× ×					
4/18/2017 10:33A		83-31 8	1 - 402.	- ICE	900-	< ×	< ×				•				
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Date: Time: <i>HA-17 Z:20</i> Date: Time:	. 1	Relinquished by:	Received by		PH2017-090 Date Time	Remarks:		ample	Resu	Sample Results needed by April 27	led by	April	27, 2017		

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

May 09, 2017

CHASE SETTLE EOG Y RESOURCES, INC 105 SOUTH 4TH STREET ARTESIA, NM 88210

RE: APOLLO APU #3

Enclosed are the results of analyses for samples received by the laboratory on 05/03/17 14:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/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.

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,

Received by OCD: 4/4/2023 7:25:13 AM

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager


Analytical Results For:

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

Received:	05/03/2017	Sampling Date:	04/18/2017
Reported:	05/09/2017	Sampling Type:	Soil
Project Name:	APOLLO APU #3	Sampling Condition:	** (See Notes)
Project Number:	30-015-29431	Sample Received By:	Jodi Henson
Project Location:	APOLLO APU #3		

Sample ID: S1 - 5' (H701186-01)

Chloride, SM4500Cl-B Analyzed By: AC mg/kg

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7600	16.0	05/04/2017	ND	432	108	400	3.64	
				7					

Sample ID: S1 - 7' (H701186-02)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11200	16.0	05/04/2017	ND ·	432	108	400	3.64	

Sample ID: S1 - 9' (H701186-03) IL CHAROOCI D

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD
Chloride	12000	16.0	05/04/2017	ND	432	108	400	3.64

Sample ID: S1 - 11' (H701186-04)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10400	16.0	05/04/2017	ND	432	108	400	3.64	

Cardinal Laboratories

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Qualifier

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 2 of 5



Analytical Results For:

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

Received:	05/03/2017	Sampling Date:	04/18/2017
Reported:	05/09/2017	Sampling Type:	Soil
Project Name:	APOLLO APU #3	Sampling Condition:	** (See Notes)
Project Number:	30-015-29431	Sample Received By:	Jodi Henson
Project Location:	APOLLO APU #3		

Sample ID: S1 - 13' (H701186-05)

Chloride, SM4500CI-B mg/kg Analyzed By: AC

	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride		7060	16.0	05/04/2017	ND	432	108	400	3.64	

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Celeg D. Keene



Page 39 of 89

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

Notes and Definitions

ç	M-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
N	D	Analyte NOT DETECTED at or above the reporting limit
R	PD	Relative Percent Difference
*	*	Samples not received at proper temperature of 6°C or below.
*	**	Insufficient time to reach temperature.
-		Chloride by SM4500CI-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

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*=Accredited Analyte

Page 4 of 5

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Celeg D. Keene

	Relinquished by:	Relinquished by:	Relinquished by:						3 S1-13'	4 S1-11'	5 S1-9'	2 S1-7	I S1-5'	LAB # (lab use only) TIEL COD	ORDER # 10100	(lab use only)	Sampler Signature:	Telephone No: 575-748-4171	City/State/Zip: Artesia. N	Company Address: 105 South 4th Street	Compt (505) 393-2326 EOG Y Resources, Inc.	Project Manager: Chase Settle	ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240
	Date	Date	Date Siz/17														S	H71	Artesia. NM 88210	14th Street	sources, Inc.	ttle	RIES , NM 88240
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May 09, 2017

CHASE SETTLE EOG Y RESOURCES, INC 105 SOUTH 4TH STREET ARTESIA, NM 88210

RE: APOLLO APU #3

Enclosed are the results of analyses for samples received by the laboratory on 05/03/17 14:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/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.

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,

Received by OCD: 4/4/2023 7:25:13 AM

Celey D. Keine

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:	05/03/2017	Sampling Date:	04/18/2017
Reported:	05/09/2017	Sampling Type:	Soil
Project Name:	APOLLO APU #3	Sampling Condition:	** (See Notes)
Project Number:	30-015-29431	Sample Received By:	Jodi Henson
Project Location:	APOLLO APU #3		

Sample ID: S2 - 5' (H701187-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	05/04/2017	ND	432	108	400	3.64	~

Sample ID: S2 - 7' (H701187-02)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6800	16.0	05/04/2017	ND	432	108	400	3.64	

Sample ID: S2 - 9' (H701187-03)

Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12100	16.0	05/04/2017	ND	432	108	400	3.64	

Sample ID: S2 - 11' (H701187-04)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11200	16.0	05/04/2017	ND	432	108	400	3.64	

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Celeg D. Keene



Analytical Results For:

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

Receiv	ed:	05/03/2017	Sampling Date:	04/18/2017
Report	ed:	05/09/2017	Sampling Type:	Soil
Project	Name:	APOLLO APU #3	Sampling Condition:	** (See Notes)
Project	Number:	30-015-29431	Sample Received By:	Jodi Henson
Project	Location:	APOLLO APU #3		

Sample ID: S2 - 13' (H701187-05)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6800	16.0	05/04/2017	ND	432	108	400	3.64	

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Celeg D. Keene



Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager

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May 09, 2017

CHASE SETTLE EOG Y RESOURCES, INC 105 SOUTH 4TH STREET ARTESIA, NM 88210

RE: APOLLO APU #3

Enclosed are the results of analyses for samples received by the laboratory on 05/03/17 14:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/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.

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,

Received by OCD: 4/4/2023 7:25:13 AM

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager

CARDINAL Laboratories	
Laboratories	

Analytical Results For:

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

Received:	05/03/2017	Sampling Date:	04/18/2017
Reported:	05/09/2017	Sampling Type:	Soil
Project Name:	APOLLO APU #3	Sampling Condition:	** (See Notes)
Project Number:	30-015-29431	Sample Received By:	Jodi Henson
Project Location:	APOLLO APU #3		

Sample ID: S3 - 5' (H701188-01)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12600	16.0	05/04/2017	ND	432	108	400	3.64	

Sample ID: S3 - 7' (H701188-02)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10700	16.0	05/04/2017	ND	416	104	400	0.00	QM-07
Comple ID: 52 - 0' (117011	88-03)								

Sample ID: S3 - 9' (H701188-03)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11300	16.0	05/05/2017	ND	416	104	400	0.00	

Sample ID: S3 - 11' (H701188-04)

Chloride, SM4500Cl-B	mg,	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12500	16.0	05/05/2017	ND	416	104	400	0.00	

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Celleg D. Keene



Analytical Results For:

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

Received:	05/03/2017	Sampling Date:	04/18/2017
Reported:	05/09/2017	Sampling Type:	Soil
Project Name:	APOLLO APU #3	Sampling Condition:	** (See Notes)
Project Number:	30-015-29431	Sample Received By:	Jodi Henson
Project Location:	APOLLO APU #3		

Sample ID: S3 - 13' (H701188-05)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12400	16.0	05/05/2017	ND	416	104	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager

Released to Imaging: 4/10/2023 11:22:29 AM



Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature,
-	Chloride by SM4500CI-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

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Celeg D. Keene

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May 09, 2017

CHASE SETTLE EOG Y RESOURCES, INC 105 SOUTH 4TH STREET ARTESIA, NM 88210

RE: APOLLO APU #3

Enclosed are the results of analyses for samples received by the laboratory on 05/03/17 14:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/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.

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,

Received by OCD: 4/4/2023 7:25:13 AM

Celey D. Keine

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:	05/03/2017	Sampling Date:	04/18/2017
Reported:	05/09/2017	Sampling Type:	Soil
Project Name:	APOLLO APU #3	Sampling Condition:	** (See Notes)
Project Number:	30-015-29431	Sample Received By:	Jodi Henson
Project Location:	APOLLO APU #3		

Sample ID: S4 - 1' (H701189-01)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/05/2017	ND	416	104	400	0.00	

Sample ID: S4 - 3' (H701189-02)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	05/05/2017	ND	416	104	400	0.00	

Sample ID: S4 - 5' (H701189-03)

Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	944	16.0	05/05/2017	ND	416	104	400	0.00	

Sample ID: S4 - 7' (H701189-04)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5360	16.0	05/05/2017	ND	416	104	400	0.00	

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Celeg D. Keene



Analytical Results For:

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

Received:	05/03/2017	Sampling Date:	04/18/2017
Reported:	05/09/2017	Sampling Type:	Soil
Project Name:	APOLLO APU #3	Sampling Condition:	** (See Notes)
Project Number:	30-015-29431	Sample Received By:	Jodi Henson
Project Location:	APOLLO APU #3		

Sample ID: S4+5 - 1' (H701189-05)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	05/05/2017	ND	416	104	400	0.00	

Sample ID: S4+5 - 3' (H701189-06)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/05/2017	ND	416	104	400	0.00	

Sample ID: S4+5 - 5' (H701189-07)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1800	16.0	05/05/2017	ND	416	104	400	0.00	

Sample ID: S4+5 - 7' (H701189-08)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC		14 m			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	05/05/2017	ND	416	104	400	0.00	

Cardinal Laboratories

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Celeg D. Keine



Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500CI-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 indefental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subuldiaries, allidates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such chimits based upon any of the above stated reasons or otheruise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Keen

Celey D. Keene, Lab Director/Quality Manager

Page 54 of 89

Received by OCD: 4/4/2023 7:25:13 AM

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May 09, 2017

CHASE SETTLE EOG Y RESOURCES, INC 105 SOUTH 4TH STREET ARTESIA, NM 88210

RE: APOLLO APU #3

Enclosed are the results of analyses for samples received by the laboratory on 05/03/17 14:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/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.

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. Keine

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

05/03/2017		Sampling Date:		04/18/2017
05/09/2017		Sampling Type:		Soil
APOLLO APU #3		Sampling Condition:		** (See Notes)
30-015-29431		Sample Received By:		Jodi Henson
APOLLO APU #3	•			
	05/09/2017 APOLLO APU #3 30-015-29431	05/09/2017 APOLLO APU #3 30-015-29431	05/09/2017Sampling Type:APOLLO APU #3Sampling Condition:30-015-29431Sample Received By:	05/09/2017Sampling Type:APOLLO APU #3Sampling Condition:30-015-29431Sample Received By:

Sample ID: S5 - 1' (H701190-01)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10000	16.0	05/05/2017	ND	416	104	400	0.00	

Sample ID: S5 - 3' (H701190-02)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11700	16.0	05/05/2017	ND	416	104	400	0.00	

Sample ID: S5 - 5' (H701190-03)

Chloride, SM4500CI-B	mg	'kg	Analyze	d By: AC					,
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11000	16.0	05/05/2017	ND	416	104	400	0.00	

Sample ID: S5 - 7' (H701190-04)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9330	16.0	05/05/2017	ND	416	104	400	0.00	

Page 57 of 89

Cardinal Laboratories

*=Accredited Analyte

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Celez D. Keene

CARDINAL Laboratories
Laboratories

Analytical Results For:

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

Received:	05/03/2017	Sampling Date:	04/18/2017
Reported:	05/09/2017	Sampling Type:	Soil
Project Name:	APOLLO APU #3	Sampling Condition:	** (See Notes)
Project Number:	30-015-29431	Sample Received By:	Jodi Henson
Project Location:	APOLLO APU #3		

Sample ID: S5+5 - 1' (H701190-05)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4930	16.0	05/05/2017	ND	416	104	400	0.00	

Sample ID: S5+5 - 3' (H701190-06)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3600		05/05/2017	ND	416	104	400	0.00	

Sample ID: S5+5 - 5' (H701190-07)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	
Chloride	6530	16.0	05/05/2017	ND	416	104	400	0.00	

Sample ID: S5+5 - 7' (H701190-08)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7840	16.0	05/05/2017	ND	416	104	400	0.00	

*=Accredited Analyte

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Qualifier

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Celeg D. Keene



Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature,
-	Chloride by SM4500CI-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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Celeg D. Keene

Received by OCD: 4/4/2023 7:25:13 AM

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	Relinguished by:	Relinquished by:	Relinquisbed by:	Special Instructions:			S S5+5-7'	/ S5+5-5'	S 5+5-3'	3 S5+5-1'	1 S5-7				S5-1'	LAB # (lab use only) TELD CODE	ORDER# F IDIIID	(lab use only)	Sampler Signature:		City/State/Zip: Artesia, NM 88210	Company Address: 105 South 4th Street	326	Project Manager: Chase Settle	ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240	*
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June 29, 2017

Chase Settle EOG Resources, Inc. 105 South Fourth Street Artesia, NM 88210 TEL: (575) 748-4195 FAX Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: <u>www.hallenvironmental.com</u>

RE: Apollo APU 3

OrderNo.: 1706B72

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Dear Chase Settle:

Hall Environmental Analysis Laboratory received 6 sample(s) on 6/21/2017 for the analyses presented in the following report.

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

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

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

Sincerely,

India

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environ	mental Analysis	s Laborat	ory, Inc	•	Analytical Report Lab Order: 1706B72 Date Reported: 6/29/2017
	EOG Resources, Inc. Apollo APU 3				Lab Order: 1706B72
Lab ID: Client Sample ID:	1706B72-001 T3-12'	<u></u>			ate: 6/14/2017 10:01:00 AM rix: SOIL
Analyses		Result	PQL Q	ual Units	DF Date Analyzed Batch ID
EPA METHOD 30 Chloride	0.0: ANIONS	110	30	mg/Kg	Analyst: MRA 20 6/27/2017 2:57:19 AM 32503
Lab ID: Client Sample ID:	1706B72-002 T3-15'				ate: 6/14/2017 10:12:00 AM rix: SOIL
Analyses		Result	PQL Q	ual Units	DF Date Analyzed Batch ID
EPA METHOD 30 Chloride	0.0: ANIONS	79	30	mg/Kg	Analyst: MRA 20 6/27/2017 3:09:44 AM 32503
Lab ID: Client Sample ID: Analyses	1706B72-003 T3-18'	Result	PQL Q		ate: 6/14/2017 10:23:00 AM rix: SOIL DF Date Analyzed Batch ID
EPA METHOD 300 Chloride	0.0: ANIONS	180	30	mg/Kg	Analyst: MRA 20 6/27/2017 3:22:09 AM 32503
Lab ID: Client Sample ID:	1706B72-004 T4-12'				ate: 6/14/2017 10:53:00 AM rix: SOIL
Analyses		Result	PQL Q	ual Units	DF Date Analyzed Batch ID
EPA METHOD 300 Chloride	D.0: ANIONS	150	30	mg/Kg	Analyst: MRA 20 6/27/2017 3:34:34 AM 32503
Lab ID: Client Sample ID:	1706B72-005 T4-15'				ate: 6/14/2017 11:08:00 AM rix: SOIL
Analyses		Result	PQL Q	ual Units	DF Date Analyzed Batch ID
EPA METHOD 300 Chloride	0.0: ANIONS	220	30	mg/Kg	Analyst: MRA 20 6/27/2017 3:46:58 AM 32503

- Holding times for preparation or analysis exceeded Н
- Not Detected at the Reporting Limit ND

PQL Practical Quanitative Limit

- % Recovery outside of range due to dilution or matrix S
- Analyte detected in the associated Method Blank В
- Ε Value above quantitation range
- Analyte detected below quantitation limits J Page 1 of 3
- Р Sample pH Not In Range
- **Reporting Detection Limit** RL
- Sample container temperature is out of limit as specified W

Qualifiers:

Hall Envi	ronmental Analysis	Laborat	tory, Inc.		Analytical) Lab Order: 1 Date Reporte	•
CLIENT: Project:	EOG Resources, Inc. Apollo APU 3				Lab Order:	1706B72
Lab ID: Client Sample	1706B72-006 e ID: T4-18'		<u></u>		Date: 6/14/2017 11: atrix: SOIL	16:00 AM
Analyses		Result	PQL Qu	al Units	DF Date Anal	lyzed Batch ID
EPA METHO Chloride	D 300.0: ANIONS	130	30	mg/Kg	20 6/27/2017	Analyst: MRA 3:59:23 AM 32503

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

Qualifiers: * Value exceeds Maximum Contaminant Level.

- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 2 of 3
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1706B72

29-Jun-17

Client: Project:		Resources, Ind APU 3	.								
Sample ID MB-	·32503	SampT	ype: ml	olk	Tes	tCode: El	PA Method	300.0: Anion	s		
Client ID: PBS	6	Batch	ID: 32	503	F	RunNo: 4	3787				
Prep Date: 6/2	26/2017	Analysis D	ate: 6/	26/2017	8	SeqNo: 1	380605	Units: mg/k	íg		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID LCS	5-32503	SampT	ype: Ics	;	Tes	tCode: El	PA Method	300.0: Anion	s		
Client ID: LCS	s	Batch	ID: 32	503	F	RunNo: 4	3787				
Prep Date: 6/2	6/2017	Analysis D	ate: 6/	26/2017	5	SeqNo: 1	380606	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	93.3	90	110			

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- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Page 3 of 3

ANAL	ONMENTAL /SIS RATORY	Hall Environmental A Albu TEL: 505-345-3975 J Website: www.ha	4901 Hawkins I guerque, NM 871 FAX: 505-345-41	^{VE} 09 Samp 07	ole Log-In C	heck List
Client Name:	EOG/Yates	Work Order Number:	1706872		RcptNo:	1
Received By:	Richle Erlacho	6/21/2017 9:40:00 AM		12-2		
Completed By:	Sophia Campuzano	6/21/2017 3:05:53 PM		Sopher Buyer -		
Reviewed By:	ENM	06/22/17				
hain of <u>Cus</u>	<u>tody</u>					
1. Custody sea	is intact on sample bottles?		Yes 🗌	No 🗖	Not Present 🗹	
2. Is Chain of C	Custody complete?		Yes 🗹	No 🗆	Not Present	
3. How was the	e sample delivered?		<u>Courier</u>			
Log In			_	Га	🗖	
4. Was an atte	mpt made to cool the samp	les?	Yes 🗌	No 🗹	NA 🗆	
5. Were all sar	nples received at a tempera	ture of >0° C to 6.0°C	Yes 🗌 🖁	No 🗹		
6. Sampie(s) li	n proper container(s)?		Yes 🗹	No 🗆		
7. Sufficient sa	mple volume for Indicated to	est(s)?	Yes 🗹	No 🗌		
8. Are samples	(except VOA and ONG) pro	operly preserved?	Yes 🗹	No 🗆		
9. Was presen	vative added to bottles?		Yes 🗆	No 🔽	NA 🗋	
10.VOA viais h	ave zero headspace?		Yes 🗌	No 🗆	No VOA Viais 🗹	
11. Were any s	ample containers received b	roken?	Yes 🗖	No 🗹 🗄	# of preserved	
	work match bottle labels?		Yes 🗹	No □	bottles checked for pH:	or >12 unless noted
	pancies on chain of custody		Yes 🗹		حي Adjusted?	01 - 12 011055 110100
	s correctly identified on Chain nat analyses were requested		Yes 🗹	No 🗆 :		
	ding times able to be met?		Yes 🗹	No 🗆	Checked by:	· · ·
	customer for authorization.)			L		
	Iling (if applicable) notified of all discrepancies v	ith this order?	Yes 🗆	No 🗆	NA 🗹	
	· · · · · · · · · · · · · · · · · · ·					
Perso By Wh	n Notified:	Date Via:	T eMeil 🗔 P	hone 🗌 Fax	In Person	•
' Regar	MINIMUM PROPERTY AND INCOME.	A LEY CONTRACTOR OF A LEY CONT				• •
	Instructions:	a parana managana managan kana kana kana panganan kana pada na kana kana kana kana kana kana kan		an a		
17. Additional r	emarks:					
8. <u>Cooler Info</u>			1			
Cooler N			Seal Date	Signed By		
[]	25.8 Good	Yes	······································			

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Released to Imaging: 4/10/2023 11:22:29 AM-

HALL ENVIRONMENTAL ANALYSIS LABORATORY Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: <u>www.hallenvironmental.com</u>

July 10, 2017

Chase Settle EOG 105 South Fourth Street Artesia, NM 88210 TEL: (575) 748-4195 FAX

OrderNo.: 1706B75

Released to Imaging: 4/10/2023 11:22:29 AM

Dear Chase Settle:

RE: Apollo APU 3

Hall Environmental Analysis Laboratory received 8 sample(s) on 6/21/2017 for the analyses presented in the following report.

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

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

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

Sincerely,

andig

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

	ronmental Analys	is Laborat	
CLIENT: Project:	EOG Apollo APU 3		
Lab ID: Client Sample	1706B75-001 e ID: T1-12'		
Analyses		Result	PQL Qu
EPA METHO Chloride	D 300.0: ANIONS	13000	750
Lab ID: Client Sample	1706B75-002 • ID: T1-15'		
Analyses		Result	PQL Qu
EPA METHO Chloride	D 300.0: ANIONS	13000	750
Lab ID: Client Sample	1706B75-003		
Analyses		Result	PQL Qu

Matrix: SOIL PQL Qual Units **DF** Date Analyzed **Batch ID** Result Analyst: MRA 13000 750 mg/Kg 500 6/29/2017 4:08:26 PM 32511 Collection Date: 6/14/2017 8:30:00 AM Matrix: SOIL Result **PQL** Qual Units **DF** Date Analyzed **Batch ID EPA METHOD 300.0: ANIONS** Analyst: MRA 100 6/30/2017 12:34:03 PM 32511 Chloride 3100 150 mg/Kg 1706B75-004 Collection Date: 6/14/2017 8:38:00 AM Lab ID: Matrix: SOIL Client Sample ID: T1-21' Result **PQL** Qual Units **DF** Date Analyzed **Batch ID** Analyses **EPA METHOD 300.0: ANIONS** Analyst: MRA 7400 300 mg/Kg 200 6/29/2017 4:33:15 PM 32511 Chloride Collection Date: 6/14/2017 9:09:00 AM 1706B75-005 Lab ID: Matrix: SOIL Client Sample ID: T2-12 PQL Qual Units **DF** Date Analyzed **Batch ID** Result Analyses **EPA METHOD 300.0: ANIONS** Analyst: MRA 750 Chloride 14000 mg/Kg 500 6/29/2017 4:45:39 PM 32511

PQL Qual Units

mg/Kg

Value exceeds Maximum Contaminant Level. *

- Sample Diluted Due to Matrix D
- Holding times for preparation or analysis exceeded Η

Not Detected at the Reporting Limit ND

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank в
- Value above quantitation range Ε
- Analyte detected below quantitation limits J Page 1 of 3

Analytical Report Lab Order: 1706B75

DF Date Analyzed

500 6/29/2017 3:56:01 PM

Lab Order:

Collection Date: 6/14/2017 8:18:00 AM

Collection Date: 6/14/2017 8:23:00 AM

Matrix: SOIL

Date Reported: 7/10/2017

1706B75

Batch ID

32511

Analyst: MRA

- Sample pH Not In Range P
- RL **Reporting Detection Limit**
- Sample container temperature is out of limit as specified W

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Oualifiers:

Lab Order: 1706B75 Hall Environmental Analysis Laboratory, Inc. Date Reported: 7/10/2017 **CLIENT:** EOG Lab Order: 1706B75 Apollo APU 3 **Project:** Collection Date: 6/14/2017 9:14:00 AM 1706B75-006 Lab ID: Client Sample ID: T2-15' Matrix: SOIL Result PQL Qual Units **DF** Date Analyzed **Batch ID** Analyses Analyst: MRA **EPA METHOD 300.0: ANIONS** 200 6/29/2017 4:58:04 PM 32511 10000 300 Chloride mg/Kg Collection Date: 6/14/2017 9:22:00 AM Lab ID: 1706B75-007 Client Sample ID: T2-18' Matrix: SOIL PQL Qual Units **DF** Date Analyzed Result **Batch ID** Analyses EPA METHOD 300.0: ANIONS Analyst: MRA Chloride 9900 300 mg/Kg 200 6/29/2017 5:10:29 PM 32511 1706B75-008 Collection Date: 6/14/2017 9:28:00 AM Lab ID: Matrix: SOIL Client Sample ID: T2-21' Result **PQL** Qual Units **DF** Date Analyzed **Batch ID** Analyses **EPA METHOD 300.0: ANIONS** Analyst: MRA

75

mg/Kg

50

6/29/2017 5:47:43 PM

32511

1900

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

Qualifiers: * Value exceeds Maximum Contaminant Level.

Chloride

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- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 2 of 3

Analytical Report

- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

Client: Project:	EOG Apollo A	APU 3									
Sample ID	MB-32511	SampTy	/pe: ml	olk	Tes	tCode: E	PA Method	300.0: Anion	s		
Client ID:	PBS	Batch	ID: 32	511	F	RunNo: 4	3824				
Prep Date:	6/27/2017	Analysis Da	ate: 6/	27/2017	5	SeqNo: 1	382188	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID	LCS-32511	SampTy	/pe: lcs	5	Tes	tCode: E	PA Method	300.0: Anion	S		
Client ID:	LCSS	Batch	ID: 32	511	F	RunNo: 4	3824				
Prep Date:	6/27/2017	Analysis Da	ate: 6/	27/2017	S	SeqNo: 1	382189	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	92.7	90	110			

Qualifiers:

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- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Page 3 of 3

10-Jul-17

ANAL	CONMENTAL YSIS Ratory	Hall Environmental . Albu TEL: 505-345-3975 Website: www.hai	4901 Hawkin querque, NM 8 FAX: 505-345-	ns NE 17109 Sam j -4107	ple Log-In C	heck List
Client Name:	EOG/Yates	Work Order Number:	1706B75		ReptNo:	1
Received By:	Richle Eriacho	6/21/2017 9:40:00 AM		12-2	-	
Completed By:	Sophia Campuzano	6/21/2017 3:21:08 PM		Sopher Juger-		
Reviewed By:	ENM	06/22/17				
Chain of Cus	<u>tody</u>					
1. Custody sea	ils inlact on sample bol	lles?	Yes 🗌	No 🗆	Not Present 🗹	
2. Is Chain of C	Custody complete?		Yes 🗹	No 🗌	Not Present	
3. How was the	e sample delivered?		<u>Courier</u>			
<u>Log In</u>				G		
Was an alte	mpt made to cool the s	amples?	Yes 🗌	No 🗹	NA 🗌	
5. Were all san	nples received at a tem	perature of >0° C to 6.0°C	Yes 🗌	No 🗹		
6. Sample(s) in	n proper container(s)?		Yes 🗹	No □	, ,	
7, Sufficient sa	mple volume for indical	ed test(s)?	Yes 🗹	No 🗆		
8. Are samples	e (except VOA and ONG	a) properly preserved?	Yes 🗹	No 🗆		
9. Was preserv	ative added to bottles?		Yes 🛛	No 🗹	na 🗆	
10.VOA vials ha	ave zero headspace?		Yes 🗌	No 🗆	No VOA Viais 🗹	
11, Were any se	ample containers receiv	red broken?	Yes 🗆	No 🗹 :	# of preserved bottles checked	
	vork match bottle labels pancles on chain of cus		Yes 🗹	No 📙		r >12 unless noted)
13. Are matrices	correctly identified on	Chain of Custody?	Yes 🗹	No 🗌 🛔	Adjusted?	
	at analyses were reque		Yes 🗹			
	ding times able to be m customer for authorizat		Yes 🗹	No 🗌 .	Checked by:	······································
Special Hand	ling (if applicable	2				
16. Was client n	otified of all discrepanc	les with this order?	Yes 🗌	No 🗆	NA 🗹	
Persor	Notified:	Date f	inistani mkatan ka			•
By Wh	Sandiana anima	Via: [] eMail 📋	Phone 🔲 Fax	In Person	
Regard	Second Contraction of the local division of		- 1		and a second second second	
i Client i 17. Additional re	Instructions:					!
18. <u>Cooler Info</u> Cooler No	1 1	ion Seal Intact Seal No 8	Seal Date	Signed By		
1	25.8 Good	Yes				
Page I of	 f1	7				

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Client: EOGY Resources, Inc.	Y Resource											
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Marilian Adde			Project Name:									NOIS
NIGILIA AUDISA	ess:			Apollo APU #3	U#3	490	11 Hawl	ins NE	www.riaireitvironimental.com	ueraue	www.rlaireirvironmental.com 4901 Hawkins NE - Albuquercine, NM 87109	ba
105 South 4t	h Street Art	105 South 4th Street Artesia, NM 88210	Project #:			لر ال	Tel. 505-345-3975	45-397	La La	EUS-	Fax 505-345-4107	\$
Phone #.	575-703-6537	-6537		30-015-29431	9431				nal	s Requ	lest	
email or Fax#:	-	Chase Settle@eogresources.com	Project Manager:	ger:		12.43	(19	in the second	11	7.		
OA/OC Package:		Level 4 (Full Validation)		Chase Settle PO # 205. 0750	20		seiO\se		08 (OF			
Accreditation:			Sampler:	Chase Settle		- 1 - 6	1.1.1	.()				
D NELAP	D Other		On Ice:	D Yes	No X	1. 1.		`†(()	
□ EDD (Type)	10	•	Sample Temperature: 25. 5	terature: 25.	80C	- 11-10		<u>19</u>	ele			
Date Time	le Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL NG.	976 + X378 976 + MT6 976 + MT6	borhem H9T Dorheith (Merhod	odieM) 803 o AN9) 0168) 에 8 서치기기 19세 8 서치기기 1 기 ,기) enoinA	olise9 1608	AOV) 80858 /-im92) 0558	
6/14/2017 B:18A	A Soil	T1-12	1 - 402.	None	100 -						1.14	
6142017 8:23A	A Soil	T1-15'	1 - 4oz	None	-002				×			
6142017 8:30A	A. Soil	Т1-18'	1 - 4oz.	None	-003				×			
614/2017 8:38A	A Soil	T1-21	1-402	None	-00H				×			
614/2017 9:09A	A Soil	72-12'	1-4oz.	None	581	17 - P			×	2013 N 1 1 1 1 1		
6H4/2017 9:14A	A Soil	T2-15	1-402.	None.	9 UQ-				×			
614/2017 9:22A	A Soil	T2-18'	1 - 4oz.	None	L00-				×		1	
614/2017 9:28A	A Soil	T2-21'	1 - 402.	None	-008				×			
							5 5 1 5 B	and a second				
						3	14 17	1				
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Date: Time: [[2]/17 8-39.6.h	Relinquished by:	ed by:	Received by:		Date Time (d'zilliz OP40	Remarks	s: Samp	le Resu	Its need	ed by J	Remarks: Sample Results needed by June 28, 2017.	2017.
Date: Time:	- Relinquished by:		Received by:		Cate Time							

Released to Imaging: 4/10/2023 11:22:29 AM-


August 15, 2017

CHASE SETTLE EOG Y RESOURCES, INC 105 SOUTH 4TH STREET ARTESIA, NM 88210

RE: APOLLO APU #3

Enclosed are the results of analyses for samples received by the laboratory on 08/11/17 13:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

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,

Celeg D. Keine

Celey D. Keene Lab Director/Quality Manager

Page 1 of 5



Analytical Results For:

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

Received: Reported: Project Name: Project Number: Project Location:	08/11/20 08/15/20 APOLLO 30-015-2 APOLLO)17 APU #3 29431		Sai	mpling Da mpling Ty mpling Co mple Reco	vpe:	08/10/2 Soll ** (See Jodi Her	Notes)	
Sample ID: C - 25' (H70212	0-01)								
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2440	16.0	08/15/2017	ND	400	100	400	3.92	

Sample ID: C - 30' (H702120-02)

Chloride, SM4500Cl-B	hloride, SM4500Cl-B mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2840	16.0	08/15/2017	ND	400	100	400	3.92	

Sample ID: C - 35' (H702120-03)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	08/15/2017	ND	400	100	400	3.92	

Sample ID: C - 40' (H702120-04)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1150	16.0	08/15/2017	ND	400	100	400	3.92	

Cardinal Laboratories

*=Accredited Analyte

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Celeg D. Keene



Analytical Results For:

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

Received:	08/11/2017	Sa	ampling Date:		08/10/2017	
Reported:	08/15/2017	Sa	ampling Type:		Soil	
Project Name:	APOLLO APU #3	Sa	ampling Condition:	-	** (See Notes)	
Project Number:	30-015-29431	Sa	ample Received By:		Jodi Henson	
Project Location:	APOLLO APU #3					

Sample ID: C - 45' (H702120-05)

Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/15/2017	ND	400	100	400	3.92	

Sample ID: C - 50' (H702120-06)

Chloride, SM4500CI-B mg/kg		Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/15/2017	ND	400	100	400	3.92	

Received by OCD: 4/4/2023 7:25:13 AM

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*=Accredited Analyte

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Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature,
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celeg D. Keene

Page 77 of 89

	Relinquished by:	remiquistica by.	linguished by	Relineviced	Special Instructions:			*		C-501	R C AT	E	N C-00	V C-25					Sampler Signature:	Telephone No:	City/State/Zip:	company Address	Comp: (505) 393-232	Project Manager:	101 East Mar
	Date	Uate	8-11-17 8-11-17												FIELD CODE	- 10	170			575-748-4171	Artesia, NM 88210	Company Address: <u>105 South 4th Street</u>	Company Address: 405 South at the second	Chase Settle	101 East Marland, Hobbs, NM 88240
	Time	Time	1:00												Beginning Dopth										
	9	าย	0 0		-										Ending Depth										
	Received by ELOT:	Received by:	Received by: .						8/10/2017	8/10/2017	8/10/2017	8/10/2017	8/10/2017	8/10/2017	Date Sampled										(505) 393-2320
			Aun						1:36 PM	1:10 PM	12:50 PM	12:33 PM	12:15 PM	11:36 AM	Time Sampled			e-mail:		Fax No:					(505) 393-2326 FAX (505) 393-2476
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ature	oune	Han	Sea	Con	Š _	_		_	_						SAR / ESP / CEC	i	TCLP:	1		x Standard	-07		30-015-29431	-	
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S F	_	elive		ers I		-	_	_	-			-			Volatiles	_			1	d.			43		
Temperature Upon Receipt:	by Courier? UPS	red	Labels on container(s) Custody seals on container(s)	Sample Containers Intact?	Laboratory Comments:				-			-	-	-	Semivolatiles			Analyze For		_		Ap		Ap	
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ဂိ	ne Star	zzz	zzz	zz								1			RUSH TAT (Pro-Schedule) 24, 4	18, 72 h	nrs			אפרופא					
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March 23, 2018

CHASE SETTLE EOG Y RESOURCES, INC 105 SOUTH 4TH STREET ARTESIA, NM 88210

RE: APOLLO APU #3

Enclosed are the results of analyses for samples received by the laboratory on 03/21/18 11:10.

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.

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.

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,

Celeg D. Keene

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:	03/21/2018	Sampling Date:	03/20/2018
Reported:	03/23/2018	Sampling Type:	Soil
Project Name:	APOLLO APU #3	Sampling Condition:	Cool & Intact
Project Number:	30-015-29431	Sample Received By:	Tamara Oldaker
Project Location:	APOLLO APU #3		

Sample ID: NORTH SIDEWALL (H800811-01)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/22/2018	ND	416	104	400	0.00	

Sample ID: SOUTH SIDEWALL (H800811-02)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	03/22/2018	ND	416	104	400	0.00	
Sample ID: NORTHWEST SIDE	WALL (H	800811-03)							

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/22/2018	ND	416	104	400	0.00	

Sample ID: SOUTHWEST SIDEWALL (H800811-04)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					~
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/22/2018	ND	416	104	400	0.00	

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*=Accredited Analyte

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PLEXEE NOTE: Liability and Damages. Cardinal's lability and clenk's exclusive remedy for any claim arising, whither 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 incidental or consequential damages, including, without limits bias during 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 limits biased upon any of the above stated ressons or otherwise, rescuite related to the performance of the services herevnder by Cardinal, regardless of whither such claims based upon any of the above stated reasons or otherwise, related to the services.

Celeg D. Keine-

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 SM4500CI-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 $% \left({{{\mathbf{x}}_{i}}} \right)$

Page 80 of 89

Cardinal Laboratories

*=Accredited Analyte

PLEXE NOTE: Liabley and Damages. Cardinal's Jabley and elent's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by clent for anityses. All claims, including those for negligence and any other cause whatloower 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 listle for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profils incurred by clent, its subdictable, alliables or successors anding out of or related to the performance of the services hereunder by Cardinal, regardless of, whether such chains based upon any of the above stated reasons or otherwise. Results relate only to the samples leading date above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Keene

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April 03, 2018

CHASE SETTLE EOG Y RESOURCES, INC 105 SOUTH 4TH STREET ARTESIA, NM 88210

RE: APOLLO APU #3

Enclosed are the results of analyses for samples received by the laboratory on 04/02/18 11:30.

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.

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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,

Celeg D. Keene

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:	04/02/2018
Reported:	04/03/2018
Project Name:	APOLLO APU #3
Project Number:	30-015-29431
Project Location:	APOLLO APU #3

Sampling Date:
Sampling Type:
Sampling Condition:
Sample Received By:

04/02/2018 Soil Cool & Intact Tamara Oldaker

Sample ID: SOUTH SIDEWALL (H800899-01)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/03/2018	ND	432	108	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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PLEXEE NOTE: Liability and Damages. Cardinal's lability and clent's exclusive remedy for any claim arising, whither based in contract or tort, shall be limited to the amount paid by clent 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 lible for incidential or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by clent, its subuldants, athliates or successors attaing 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 resoons or otherwise. Results rather candidated and composition and be reproduced except in Mi with written approval of Cardinal Labovetores.

Celey D. Keine

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 SM4500CI-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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Celeg Di Keene

Celey D. Keene, Lab Director/Quality Manager

Page 84 of 89

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Apollo APU Federal #3 Closure Report 2RP-4465



April 12, 2018

Appendix D Form C-141 Initial

energy opportunity growth

Apollo APU Federal #3 Closure Report 2RP-4465



April 12, 2018

Appendix E Form C-141 Final

energy opportunity growth

District I 1625 N. French Dr., Hobbs,	NM 88240				New Mex				Form C-14				
District II 811 S. First St., Artesia, NM	88210		Energy Min	erals a	and Natura	I Resources			Revised April 3, 20				
District III 1000 Rio Brazos Road, Azte	c, NM 87410				vation Di		Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC						
District IV 1220 S. St. Francis Dr., Sant		5			St. Franc								
					e, NM 875								
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Name of Company EOG Y Resources, In	C.				Contact Chase Settle	9							
Address			· · · · · · · · · · · · · · · · · · ·		Telephone]			F					
104 S. 4th Street, Arte	sia, NM 882	10			575-748-14			2×2					
Facility Name Apollo APU Federal	#3				Facility Tyj Well	be							
Surface Owner			Mineral Ov	L				ADING					
Private			Federal	vner				API No. 30-015-29431					
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Unit Letter Section	Township	Range			South Line	Feet from the	East/	West Line	County				
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Type of Release					Volume of			Volume 1	Recovered				
Crude Oil and Produced	Water		kalanak kantat karan yan an sara sara sara sara sara sara sara		Unknown		None						
Source of Release Underground flowline					Date and I December	Iour of Occurrenc 2015	e	 Date and Hour of Discovery March 2017 					
Was Immediate Notice (If YES, To	Whom?							
	L	Yes 🛛	No 🗌 Not Req	uired									
By Whom? Was a Watercourse Read	ched?				Date and Hour If YES, Volume Impacting the Watercourse.								
fille a fillereouise rea		Yes 🛛	No										
If a Watercourse was Im	pacted, Descr	ibe Fully.*	<u>, i , i , i , i , i , i , i , i , i , i</u>		L	antanda							
N/A Describe Cause of Probl	em and Reme	dial Action	Taken.* An und	ergrou	nd steel flow	line failed causing	g a relea	se of crude	oil and produced water. The				
amounts were originally	determined to	be below	the reportable thre	shold a	nd the visua	ly impacted area	was exc	avated with	h the soil hauled to a NMOCD				
approved disposal facilit Describe Area Affected									ng was necessary. es have been collected down to				
50 feet bgs for vertical d	elineation and	the east si	de of the release ha	as been	found horiz	ontally. Due to re	maining	g pipelines	within the release area, sidewa				
prior to backfilling. Clo							excavat	ion with co	onfirmation sampling conducted				
I hereby certify that the	information gi	ven above	is true and comple	te to th	e best of my	knowledge and u			suant to NMOCD rules and				
									eases which may endanger ieve the operator of liability				
should their operations h	ave failed to a	dequately	investigate and ren	nediate	contaminati	on that pose a thre	eat to gr	ound water	r, surface water, human health				
or the environment. In a federal, state, or local lay			ance of a C-141 re	port do	es not reliev	e the operator of i	responsi	ibility for c	ompliance with any other				
						OIL CONS	SERV	ATION	DIVISION				
Signature: Chase C) Sotto												
					Approved by	Environmental St	pecialis	t: Anh	ley Maxwell				
Printed Name: Chase Se	ettle												
Title: Safety & Environ	mental Repres	entative II		/	Approval Dat	te: 4/10/2023	3]]	Expiration	Date:				
E-mail Address: Chase	Settle@eogre	sources.co	m	(Conditions of	Approval:			Attached				
Date: April 12, 2018 * Attach Additional Shee	ets If Necess		575-748-1471										

Received by OCD: 4/4/2023 7:25:13 AM

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Operator:	OGRID:
EOG Y RESOURCES, INC.	25575
104 S 4th St	Action Number:
Artesia, NM 88210	203743
	Action Type:
	[IM-SD] Incident File Support Doc (ENV) (IM-BNF)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	None	4/10/2023

Page 89 of 89

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Action 203743