

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 Department

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	NAB1810728671
District RP	2RP-4704
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EOG Resources, Inc.	OGRID 7377
Contact Name Chase Settle	Contact Telephone 575-748-1471
Contact email Chase_Settle@eogresources.com	Incident # (assigned by OCD) NAB1810728671
Contact mailing address 104 S. 4th Street, Artesia, NM 88210	

Location of Release Source

Latitude 32.73575 Longitude -104.50961
(NAD 83 in decimal degrees to 5 decimal places)

Site Name LaCama Com #1	Site Type Well
Date Release Discovered 03/29/2018	API# 30-015-22248

Unit Letter	Section	Township	Range	County
F	20	18S	25E	Eddy

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (Name: _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 6	Volume Recovered (bbls) 0
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 2	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release Please refer to the attached original C-141 form for 2RP-4704 for cause of release and immediate action steps. EOG Resources is submitting for closure via the new form to formally close out this incident. All sampling and correspondence is also attached.

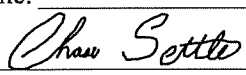
State of New Mexico
Oil Conservation Division

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Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Chase Settle</u>	Title: <u>Rep Safety & Environmental Sr</u>
Signature: <u></u>	Date: <u>575-748-1471</u>
email: <u>Chase_Settle@eogresources.com</u>	Telephone: <u>575-748-1471</u>
<u>OCD Only</u>	
Received by: _____	Date: _____

Incident ID	NAB1810728671
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Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	_____ (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*

- ☐ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☐ Data table of soil contaminant concentration data
- ☐ Depth to water determination
- ☐ Determination of water sources and significant watercourses within 1/2-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☐ Photographs including date and GIS information
- ☐ Topographic/Aerial maps
- ☐ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico
Oil Conservation Division

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

Printed Name: _____ Title: _____
 Signature: _____ Date: _____
 email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	NAB1810728671
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Application ID	

Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	NAB1810728671
District RP	2RP-4704
Facility ID	
Application ID	


Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities


I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Chase Settle Title: Rep Safety and Environmental Sr
 Signature:  Date: 09/27/2021
 email: Chase_Settle@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by:  Date: 09/28/2021
 Printed Name: Bradford Billings Title: Envi.Spec.A

RP#: 2RP-4704

Location Name: LaCama Com #1

Current Status: Submitting attached closure report and final C-141 –
needs closure determination

District I
1625 N. French Dr., Hobbs, NM 88240
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811 S. First St., Artesia, NM 88210
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1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised April 3, 2017

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

**Release Notification and Corrective Action
OPERATOR**

☒ Initial Report ☐ Final Report

Name of Company EOG Y Resources, Inc.	OGRID Number 25575	Contact Chase Settle
Address 104 S. 4 th Street Artesia NM 88210	Telephone No. 575-748-1471	
Facility Name LaCama Com #1	Facility Type Well	

Surface Owner Private	Mineral Owner State	API No. 30-015-22248
--------------------------	------------------------	-------------------------

LOCATION OF RELEASE

Unit Letter F	Section 20	Township 18S	Range 25E	Feet from the 1980	North/South Line North	Feet from the 1980	East/West Line West	County Eddy
------------------	---------------	-----------------	--------------	-----------------------	---------------------------	-----------------------	------------------------	----------------

Latitude 32.73575 Longitude -104.50961 NAD83

NATURE OF RELEASE

Type of Release Condensate and Produced Water	Volume of Release 6 B/C & 2 B/PW	Volume Recovered 0 B/O & 0 B/PW
Source of Release Steel tank	Date and Hour of Occurrence 03/29/18; 2:00 PM	Date and Hour of Discovery 03/29/18; PM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.* N/A

Describe Cause of Problem and Remedial Action Taken.*
There was a hole in a steel tank that allowed for the release.

Describe Area Affected and Cleanup Action Taken.*

The impacted area is approximately 13 feet by 13 feet within the berm of the battery. Two feet of visually impacted soil was removed after the tank was relocated.

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

Signature: <i>Chase Settle</i>	OIL CONSERVATION DIVISION	
Printed Name: Chase Settle	Approved by Environmental Specialist:	
Title: Rep Safety & Environmental II	Approval Date:	Expiration Date:
E-mail Address: chase_settle@eogresources.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: April 12, 2018	Phone: 575-748-1471	

* Attach Additional Sheets If Necessary



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

May 17, 2018

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

Re: La Cama Com #1
30-015-22248
Section 20, T19S-R25E
Eddy County, New Mexico

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 April 12, 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.

EOG Y Resources, Inc.

La Cama Com #1

Closure Report

Section 20, T19S-R25E

Eddy County, New Mexico

May 17, 2018

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I. Location

From the intersection of US 285 and 4 Dinkus Road, follow 4 Dinkus Road west for 6.6 miles. Turn south and follow lease road for 0.5 mile, then turn west on the lease road to the location.

II. Background

On March 29, 2018, EOG Y Resources Inc. received a report of a release that occurred at the location due to a failed tank battery. The released volume reported was 6 B/C and 2 B/PW with no volumes recovered. An area of approximately 15 feet by 15 feet was impacted directly under the steel condensate tank. In order to address the release, the tank was relocated to a new bermed battery. The area visually impacted was excavated to two (2) feet below grade surface (bgs) and hauled to a NMOCD approved disposal facility. Initial delineation samples were taken on April 10, 2018 and sent to a NMOCD approved laboratory (April 19, 2018, 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 greater than 100', approximately 175 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 the Pecos River at 10.49 miles away.

IV. NMOCD Ranking Criteria

The ranking for this site is zero (0) based on the following:

Depth to ground water	> 100'
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	5000 ppm
Chlorides	No established RRAL

V. Soils

The area consists of soils that are loam based topsoil that lay atop the historic sand and river rock layers.

VI. Work Completed

EOG Y Resources, Inc. excavated the impacted area to two (2) feet bgs, hauling all excavated soil to a NMOCD approved facility for disposal. EOG Y Resources, Inc. Once the excavation of visually impacted soils was complete, delineation samples were collected and sent to a 3rd party laboratory for analysis. Those results indicate no further impactation with all soil samples being below RRALs for Benzene, BTEX, and TPH, as well as all samples consisting of less than 50 mg/kg chloride from two (2) feet bgs to ten (10) feet bgs.

With no further soil impactation remaining at the site after initial excavation, a C-141 Final is hereby submitted to the NMOCD requesting closure of the site.

Table 1

Soil Analytical Data

La Cama Com #1
Closure Report



May 17, 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
V1-2'	2'	04/10/18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
V1-3'	3'	04/10/18	<0.050	<0.050	<0.050	0.417	0.417	<10.0	<10.0	<10.0	<10.0	16.0
V1-4'	4'	04/10/18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
V1-5'	5'	04/10/18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
V1-6'	6'	04/10/18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
V1-7'	7'	04/10/18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
V1-8'	8'	04/10/18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
V1-9'	9'	04/10/18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	16.4	16.7	33.1	16.0
V1-10'	10'	04/10/18	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0

Photos



Figure 1

Site Map with Sample Point



Appendix A

NMOSE Well Log



New Mexico Office of the State Engineer Wells with Well Log Information

(A CLASSIFIED in the
POD suffix indicates the
POD has been replaced &
no longer serves a water
right

(R=POD has
been replaced,
O=orphaned,
C=the file is
closed)

(quarters are 1-NW 2-NE 3-SW 4-SE)
(quarters are smallest to largest)

(NAD83 UTM in meters)

(in feet)

POD																			License		
POD Number	Code	Subbasin	County	Source	6416 4	q	q	q	Sec	Tvs	Rng	X	Y	Distance	Start Date	Finish Date	Log File Date	Depth Well	Depth Water	Driller	License Number
RA 04144			CII	Shallow	1	1	21	18S	25E			547168	3622497*	1301	12/02/1960	12/13/1960	01/26/1961	265	150	A.F. SMITH	28
RA 04365			CII	Shallow	1	1	21	18S	25E			547168	3622497*	1301	01/21/1961	02/01/1961	02/16/1961	265	150	A.F. SMITH	28

Record Count: 2

UTM/NAD83 Radius Search (in meters):

Easting (X): 545924.2

Northing (Y): 3622113.79

Radius: 2000

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

4/20/18 1:26 PM

WELLS WITH WELL LOG INFORMATION

Appendix B

USGS Groundwater Information



National Water Information System: Map View

Sites ☐ Map Layers

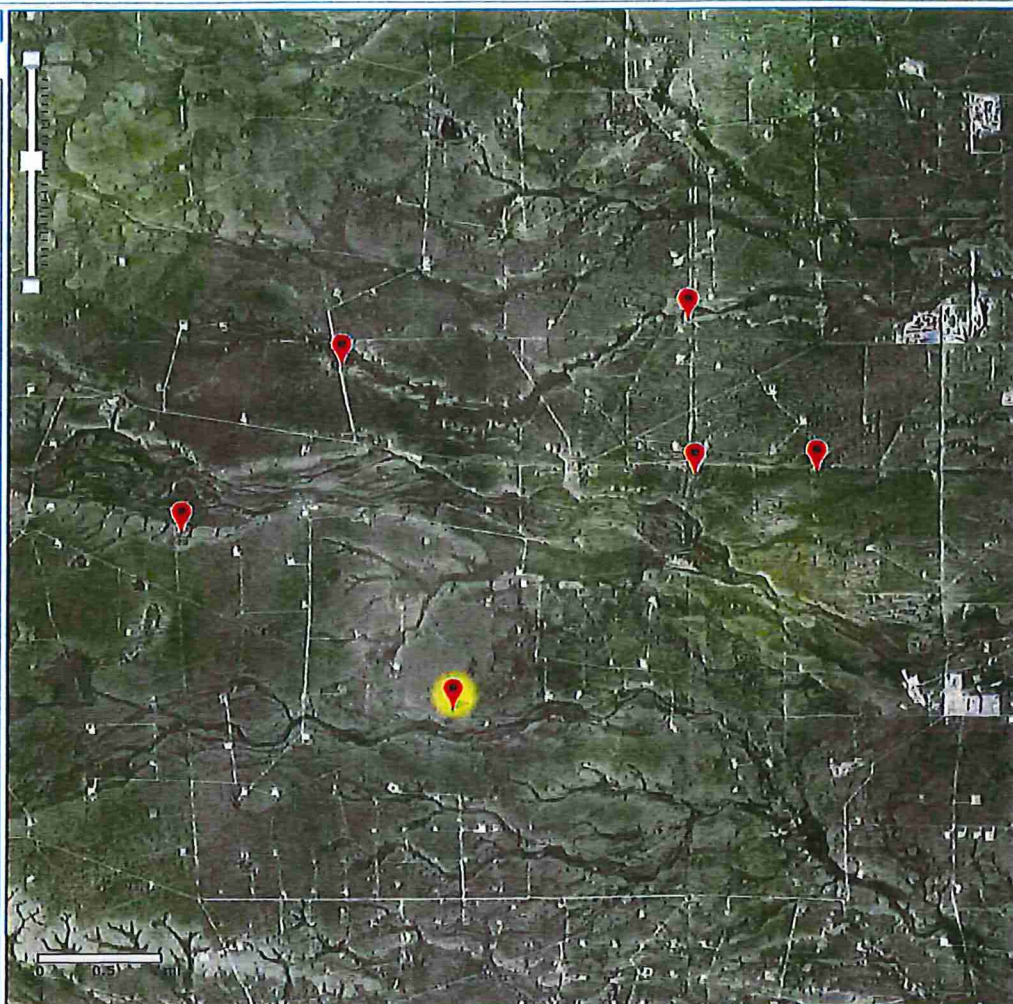
Search Results

Export Sites

Site Number	Site Name
3242511043049 01	18S,25E,32,111114
3244061043307 01	18S,24E,23,42141
3244301042848 01	18S,25E,22,111131-4
3244311042746 01	18S,25E,23,1111134
3245161043146 01	18S,25E,10,114131
3245351042852 01	18S,25E,10,313331

Search Parameters

Explanation of Symbols





National Water Information System: Web Interface

USGS Water Resources

USGS Home
Contact USGS
Search USGS

Data Category: Geographic Area:

Click to hide News Bulletins

- [Please see news on new formats](#)
- [Full News](#)

Groundwater levels for the Nation

Search Results -- 1 sites found

site_no list =
• 324430104284801

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 324430104284801 18S.25E.22.111314

Available data for this site

Eddy County, New Mexico

Hydrologic Unit Code --

Latitude 32°44'30", Longitude 104°28'48" NAD27

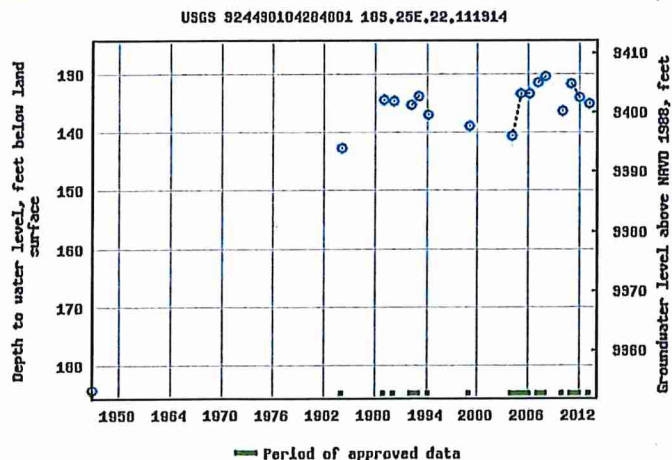
Land-surface elevation 3,537 feet above NAVD88

The depth of the well is 320.0 feet below land surface.

This well is completed in the San Andres Limestone (313SADR) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period



Breaks in the plot represent a gap of at least one year between field measurements.

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[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

Title: Groundwater for USA: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>





USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category: Geographic Area:

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- [Full News](#)

Groundwater levels for the Nation

Search Results -- 1 sites found

site_no list =
• 324516104314601

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 324516104314601 18S.25E.18.114131

Available data for this site

Eddy County, New Mexico

Hydrologic Unit Code --

Latitude 32°45'16", Longitude 104°31'46" NAD27

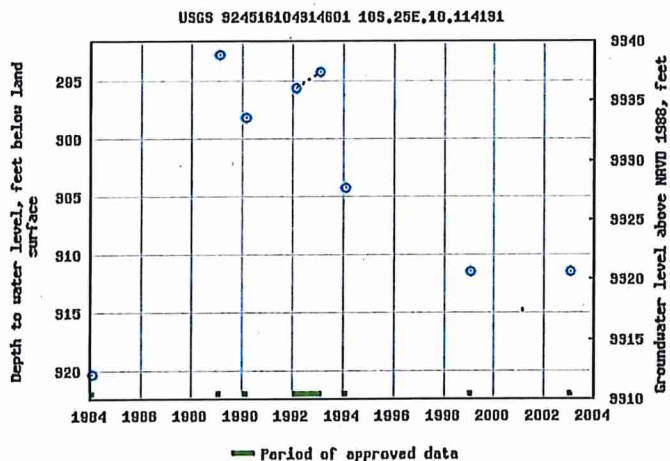
Land-surface elevation 3,632 feet above NAVD88

The depth of the well is 305.0 feet below land surface.

This well is completed in the San Andres Limestone (313SADR) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period



Breaks in the plot represent a gap of at least one year between field measurements.

[Download a presentation-quality graph](#)

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[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

Title: Groundwater for USA: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>





National Water Information System: Web Interface

USGS Water Resources

USGS Home
Contact USGS
Search USGS

Data Category: Geographic Area:

Click to hide News Bulletins

- [Please see news on new formats](#)
- [Full News](#)

Groundwater levels for the Nation

Search Results -- 1 sites found

site_no list =
• 324406104330701

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 324406104330701 18S.24E.23.42141

Available data for this site:

Eddy County, New Mexico

Hydrologic Unit Code --

Latitude 32°44'06", Longitude 104°33'07" NAD27

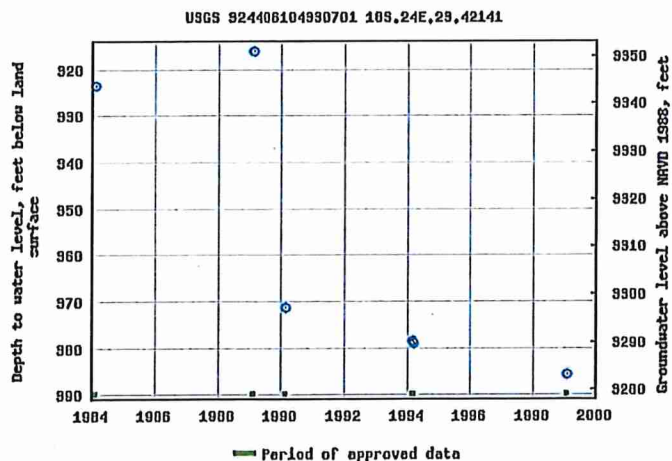
Land-surface elevation 3,668 feet above NAVD88

The depth of the well is 475 feet below land surface.

This well is completed in the San Andres Limestone (313SADR) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period



Breaks in the plot represent a gap of at least one year between field measurements.

[Download a presentation-quality graph](#)

[Questions about sites/data?](#)

[Feedback on this web site](#)

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[Help](#)

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[Subscribe for system changes](#)

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Accessibility Plug-Ins FOIA Privacy Policies and Notices

[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

Title: Groundwater for USA: Water Levels

URL: <https://nwls.waterdata.usgs.gov/nwls/gwlevels?>





National Water Information System: Web Interface

USGS Water Resources

USGS Home
Contact USGS
Search USGS

Data Category: Geographic Area:

Click to hide News Bulletins

- [Please see news on new formats](#)
- [Full News](#)

Groundwater levels for the Nation

Search Results -- 1 sites found

site_no list =
• 324251104304901

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 324251104304901 18S.25E.32.11114

Available data for this site

Eddy County, New Mexico

Hydrologic Unit Code --

Latitude 32°42'51", Longitude 104°30'49" NAD27

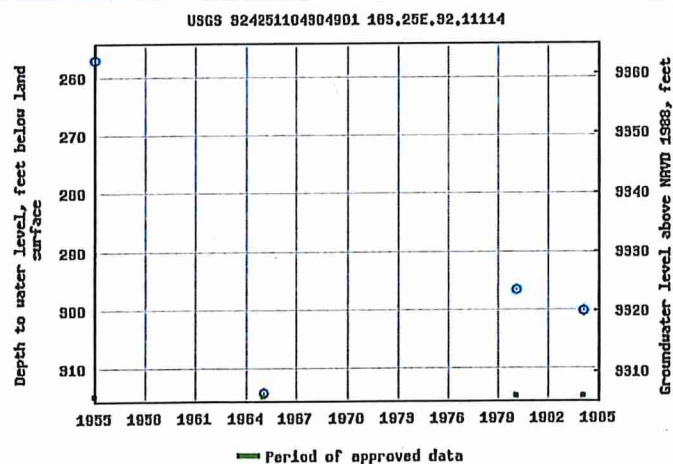
Land-surface elevation 3,620 feet above NAVD88

The depth of the well is 425 feet below land surface.

This well is completed in the San Andres Limestone (313SADR) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period



Breaks in the plot represent a gap of at least one year between field measurements.

[Download a presentation-quality graph](#)

[Questions about sites/data?](#)

[Feedback on this web site](#)

[Automated retrievals](#)

[Help](#)

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[Subscribe for system changes](#)

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[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

Title: Groundwater for USA: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>



Appendix C

Soil Sample Laboratory Data



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

April 19, 2018

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

RE: LA CAMA COM #1

Enclosed are the results of analyses for samples received by the laboratory on 04/12/18 14:05.

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 accredited through the State of Colorado Department of Public Health and Environment for:

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

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/12/2018
Reported: 04/19/2018
Project Name: LA CAMA COM #1
Project Number: NONE GIVEN
Project Location: LA CAMA COM #1

Sampling Date: 04/10/2018
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: V 1- 2' (H801014-01)

BTEX 8021B			mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/17/2018	ND	1.89	94.5	2.00	2.13		
Toluene*	<0.050	0.050	04/17/2018	ND	1.88	94.2	2.00	2.05		
Ethylbenzene*	<0.050	0.050	04/17/2018	ND	1.88	93.9	2.00	2.38		
Total Xylenes*	<0.150	0.150	04/17/2018	ND	5.81	96.9	6.00	2.44		
Total BTEX	<0.300	0.300	04/17/2018	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 97.9 % 72-148

Chloride, SM4500Cl-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	04/18/2018	ND	432	108	400	0.00		
TPH 8015M		mg/kg		Analyzed By: MS						

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/17/2018	ND	228	114	200	3.17		
DRO >C10-C28*	<10.0	10.0	04/17/2018	ND	217	109	200	3.59		
EXT DRO >C28-C36	<10.0	10.0	04/17/2018	ND						

Surrogate: 1-Chlorooctane 83.0 % 41-142

Surrogate: 1-Chlorooctadecane 81.5 % 37.6-147

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/12/2018
Reported: 04/19/2018
Project Name: LA CAMA COM #1
Project Number: NONE GIVEN
Project Location: LA CAMA COM #1

Sampling Date: 04/10/2018
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: V 1- 3' (H801014-02)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/17/2018	ND	1.89	94.5	2.00	2.13	
Toluene*	<0.050	0.050	04/17/2018	ND	1.88	94.2	2.00	2.05	
Ethylbenzene*	<0.050	0.050	04/17/2018	ND	1.88	93.9	2.00	2.38	
Total Xylenes*	0.417	0.150	04/17/2018	ND	5.81	96.9	6.00	2.44	
Total BTEX	0.417	0.300	04/17/2018	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 98.2 % 72-148

Chloride, SM4500Cl-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	04/18/2018	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/17/2018	ND	228	114	200	3.17	
DRO >C10-C28*	<10.0	10.0	04/17/2018	ND	217	109	200	3.59	
EXT DRO >C28-C36	<10.0	10.0	04/17/2018	ND					

Surrogate: 1-Chlorooctane 83.2 % 41-142

Surrogate: 1-Chlorooctadecane 79.0 % 37.6-147

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/12/2018
Reported: 04/19/2018
Project Name: LA CAMA COM #1
Project Number: NONE GIVEN
Project Location: LA CAMA COM #1

Sampling Date: 04/10/2018
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: V 1- 4' (H801014-03)

BTEX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/17/2018	ND	1.89	94.5	2.00	2.13	
Toluene*	<0.050	0.050	04/17/2018	ND	1.88	94.2	2.00	2.05	
Ethylbenzene*	<0.050	0.050	04/17/2018	ND	1.88	93.9	2.00	2.38	
Total Xylenes*	<0.150	0.150	04/17/2018	ND	5.81	96.9	6.00	2.44	
Total BTEX	<0.300	0.300	04/17/2018	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 96.9 % 72-148

Chloride, SM4500Cl-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	04/18/2018	ND	432	108	400	3.77	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/17/2018	ND	228	114	200	3.17	
DRO >C10-C28*	<10.0	10.0	04/17/2018	ND	217	109	200	3.59	
EXT DRO >C28-C36	<10.0	10.0	04/17/2018	ND					

Surrogate: 1-Chlorooctane 84.3 % 41-142

Surrogate: 1-Chlorooctadecane 80.2 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix Interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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April 19, 2018

CHASE SETTLE

EOG Y RESOURCES, INC

105 SOUTH 4TH STREET

ARTESIA, NM 88210

RE: LA CAMA COM #1

Enclosed are the results of analyses for samples received by the laboratory on 04/12/18 14:05.

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 accredited through the State of Colorado Department of Public Health and Environment for:

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

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/12/2018
Reported: 04/19/2018
Project Name: LA CAMA COM #1
Project Number: NONE GIVEN
Project Location: LA CAMA COM #1

Sampling Date: 04/10/2018
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: V 1- 5' (H801015-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/17/2018	ND	1.89	94.5	2.00	2.13	
Toluene*	<0.050	0.050	04/17/2018	ND	1.88	94.2	2.00	2.05	
Ethylbenzene*	<0.050	0.050	04/17/2018	ND	1.88	93.9	2.00	2.38	
Total Xylenes*	<0.150	0.150	04/17/2018	ND	5.81	96.9	6.00	2.44	
Total BTEX	<0.300	0.300	04/17/2018	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 98.3 % 72-148

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/18/2018	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/17/2018	ND	228	114	200	3.17	
DRO >C10-C28*	<10.0	10.0	04/17/2018	ND	217	109	200	3.59	
EXT DRO >C28-C36	<10.0	10.0	04/17/2018	ND					

Surrogate: 1-Chlorooctane 76.8 % 41-142

Surrogate: 1-Chlorooctadecane 72.4 % 37.6-147

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/12/2018
Reported: 04/19/2018
Project Name: LA CAMA COM #1
Project Number: NONE GIVEN
Project Location: LA CAMA COM #1

Sampling Date: 04/10/2018
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: V 1- 6' (H801015-02)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/17/2018	ND	1.89	94.5	2.00	2.13	
Toluene*	<0.050	0.050	04/17/2018	ND	1.88	94.2	2.00	2.05	
Ethylbenzene*	<0.050	0.050	04/17/2018	ND	1.88	93.9	2.00	2.38	
Total Xylenes*	<0.150	0.150	04/17/2018	ND	5.81	96.9	6.00	2.44	
Total BTEX	<0.300	0.300	04/17/2018	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 94.0 % 72-148

Chloride, SM4500Cl-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	04/18/2018	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/17/2018	ND	228	114	200	3.17	
DRO >C10-C28*	<10.0	10.0	04/17/2018	ND	217	109	200	3.59	
EXT DRO >C28-C36	<10.0	10.0	04/17/2018	ND					

Surrogate: 1-Chlorooctane 83.1 % 41-142

Surrogate: 1-Chlorooctadecane 77.8 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/12/2018
Reported: 04/19/2018
Project Name: LA CAMA COM #1
Project Number: NONE GIVEN
Project Location: LA CAMA COM #1

Sampling Date: 04/10/2018
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: V 1- 7' (H801015-03)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/17/2018	ND	1.89	94.5	2.00	2.13	
Toluene*	<0.050	0.050	04/17/2018	ND	1.88	94.2	2.00	2.05	
Ethylbenzene*	<0.050	0.050	04/17/2018	ND	1.88	93.9	2.00	2.38	
Total Xylenes*	<0.150	0.150	04/17/2018	ND	5.81	96.9	6.00	2.44	
Total BTEX	<0.300	0.300	04/17/2018	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 96.6 % 72-148

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/18/2018	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/17/2018	ND	228	114	200	3.17	
DRO >C10-C28*	<10.0	10.0	04/17/2018	ND	217	109	200	3.59	
EXT DRO >C28-C36	<10.0	10.0	04/17/2018	ND					

Surrogate: 1-Chlorooctane 83.3 % 41-142

Surrogate: 1-Chlorooctadecane 77.3 % 37.6-147

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix Interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

April 19, 2018

CHASE SETTLE

EOG Y RESOURCES, INC

105 SOUTH 4TH STREET

ARTESIA, NM 88210

RE: LA CAMA COM #1

Enclosed are the results of analyses for samples received by the laboratory on 04/12/18 14:05.

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 accredited through the State of Colorado Department of Public Health and Environment for:

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

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/12/2018
Reported: 04/19/2018
Project Name: LA CAMA COM #1
Project Number: NONE GIVEN
Project Location: LA CAMA COM #1

Sampling Date: 04/10/2018
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: V 1- 8' (H801017-01)

BTEX 8021B			mg/kg							Analyzed By: MS	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Benzene*	<0.050	0.050	04/17/2018	ND	1.89	94.5	2.00	2.13			
Toluene*	<0.050	0.050	04/17/2018	ND	1.88	94.2	2.00	2.05			
Ethylbenzene*	<0.050	0.050	04/17/2018	ND	1.88	93.9	2.00	2.38			
Total Xylenes*	<0.150	0.150	04/17/2018	ND	5.81	96.9	6.00	2.44			
Total BTEX	<0.300	0.300	04/17/2018	ND							

Surrogate: 4-Bromofluorobenzene (PIL) 96.3 % 72-148

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/18/2018	ND	432	108	400	3.77	

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/17/2018	ND	220	110	200	1.05	
DRO >C10-C28*	<10.0	10.0	04/17/2018	ND	208	104	200	2.37	
EXT DRO >C28-C36	<10.0	10.0	04/17/2018	ND					

Surrogate: 1-Chlorooctane 88.0 % 41-142

Surrogate: 1-Chlorooctadecane 86.6 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/12/2018
Reported: 04/19/2018
Project Name: LA CAMA COM #1
Project Number: NONE GIVEN
Project Location: LA CAMA COM #1

Sampling Date: 04/10/2018
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: V 1- 9' (H801017-02)

BTEX 8021B		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/17/2018	ND	1.94	96.8	2.00	0.883	
Toluene*	<0.050	0.050	04/17/2018	ND	2.00	99.8	2.00	1.36	
Ethylbenzene*	<0.050	0.050	04/17/2018	ND	2.03	101	2.00	1.65	
Total Xylenes*	<0.150	0.150	04/17/2018	ND	5.92	98.7	6.00	1.63	
Total BTEX	<0.300	0.300	04/17/2018	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 116 % 72-148

Chloride, SM4500Cl-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	04/18/2018	ND	432	108	400	3.77	

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2018	ND	220	110	200	1.05	
DRO >C10-C28*	16.4	10.0	04/18/2018	ND	208	104	200	2.37	
EXT DRO >C28-C36	16.7	10.0	04/18/2018	ND					

Surrogate: 1-Chlorooctane 87.2 % 41-142

Surrogate: 1-Chlorooctadecane 83.1 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/12/2018
Reported: 04/19/2018
Project Name: LA CAMA COM #1
Project Number: NONE GIVEN
Project Location: LA CAMA COM #1

Sampling Date: 04/10/2018
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: V 1- 10' (H801017-03)

BTEX 8021B		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/17/2018	ND	1.94	96.8	2.00	0.883	
Toluene*	<0.050	0.050	04/17/2018	ND	2.00	99.8	2.00	1.36	
Ethylbenzene*	<0.050	0.050	04/17/2018	ND	2.03	101	2.00	1.65	
Total Xylenes*	<0.150	0.150	04/17/2018	ND	5.92	98.7	6.00	1.63	
Total BTEX	<0.300	0.300	04/17/2018	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 110 % 72-148

Chloride, SM4500Cl-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	04/18/2018	ND	432	108	400	3.77	

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2018	ND	220	110	200	1.05	
DRO >C10-C28*	<10.0	10.0	04/18/2018	ND	208	104	200	2.37	
EXT DRO >C28-C36	<10.0	10.0	04/18/2018	ND					

Surrogate: 1-Chlorooctane 92.5 % 41-142

Surrogate: 1-Chlorooctadecane 89.1 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

Appendix D

Form C-141 Initial

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

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

Form C-141
Revised April 3, 2017

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

**Release Notification and Corrective Action
OPERATOR**

☒ Initial Report ☐ Final Report

Name of Company BOG Y Resources, Inc.	OGRID Number 25575	Contact Chase Settle
Address 104 S. 4 th Street Artesia NM 88210		Telephone No. 575-748-1471
Facility Name LaCama Com #1		Facility Type Well
Surface Owner Private	Mineral Owner State	API No. 30-015-22248

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
F	20	18S	25E	1980	North	1980	West	Eddy

Latitude 32.73575 Longitude -104.50961 NAD83

NATURE OF RELEASE

Type of Release Condensate and Produced Water	Volume of Release 6 B/C & 2 B/PW	Volume Recovered 0 B/O & 0 B/PW
Source of Release Steel tank	Date and Hour of Occurrence 03/29/18; 2:00 PM	Date and Hour of Discovery 03/29/18; PM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.* N/A

Describe Cause of Problem and Remedial Action Taken.*

There was a hole in a steel tank that allowed for the release.

Describe Area Affected and Cleanup Action Taken.*

The impacted area is approximately 13 feet by 13 feet within the berm of the battery. Two feet of visually impacted soil was removed after the tank was relocated.

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

Signature: <i>Chase Settle</i>	OIL CONSERVATION DIVISION	
Printed Name: Chase Settle	Approved by Environmental Specialist:	
Title: Rep Safety & Environmental II	Approval Date:	Expiration Date:
E-mail Address: chase_settle@eogresources.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: April 12, 2018	Phone: 575-748-1471	

* Attach Additional Sheets If Necessary

Appendix E

Form C-141 Final

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

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

Form C-141
Revised April 3, 2017

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

**Release Notification and Corrective Action
OPERATOR**

Name of Company EOG Y Resources, Inc.		OGRID Number 25575	Contact Chase Settle	<input type="checkbox"/> Initial Report <input checked="" type="checkbox"/> Final Report
Address 104 S. 4 th Street Artesia NM 88210		Telephone No. 575-748-1471		
Facility Name LaCama Com #1		Facility Type Well		
Surface Owner Private		Mineral Owner State	API No. 30-015-22248	

LOCATION OF RELEASE

Unit Letter F	Section 20	Township 18S	Range 25E	Feet from the 1980	North/South Line North	Feet from the 1980	East/West Line West	County Eddy
------------------	---------------	-----------------	--------------	-----------------------	---------------------------	-----------------------	------------------------	----------------

Latitude 32.73575 Longitude -104.50961 NAD83

NATURE OF RELEASE

Type of Release Condensate and Produced Water	Volume of Release 6 B/C & 2 B/PW	Volume Recovered 0 B/O & 0 B/PW
Source of Release Steel tank	Date and Hour of Occurrence 03/29/18; 2:00 PM	Date and Hour of Discovery 03/29/18; PM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	
If a Watercourse was Impacted, Describe Fully.* N/A		
Describe Cause of Problem and Remedial Action Taken.* There was a hole in a steel tank that allowed for the release.		
Describe Area Affected and Cleanup Action Taken.* The impacted area is approximately 13 feet by 13 feet within the berm of the battery. Two feet of visually impacted soil was removed after the tank was relocated. EOG Y RESOURCES INC requests CLOSURE.		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Signature: <i>Chase Settle</i>	OIL CONSERVATION DIVISION	
Printed Name: Chase Settle	Approved by Environmental Specialist:	
Title: Rep Safety & Environmental II	Approval Date:	Expiration Date:
E-mail Address: chase_settle@eogresources.com	Conditions of Approval:	
Date: May 17, 2018 Phone: 575-748-1471	Attached <input type="checkbox"/>	

* Attach Additional Sheets If Necessary

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

Action 52267

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 52267
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
bbillings	None	9/28/2021