Page 6

Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Page 1 of 28

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 OD	C District office must be notified 2 days prior to final sampling)		
Description of remediation activities			
and regulations all operators are required to report and/or file certai may endanger public health or the environment. The acceptance of	ations. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in		
Printed Name:	Title:		
Signature: Wesley Mathews	Date: 05/11/2022		
email:	Telephone:		
OCD Only			
Received by: Robert Hamlet	Date:6/17/2022		
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.		
Closure Approved by: Robert Hamlet	Date: 6/17/2022		
Printed Name: Robert Hamlet	Title: Environmental Specialist - Advanced		



402 E. Wood Avenue Carlsbad, New Mexico 88220 Tel. 432.701.2159 www.ntglobal.com

February 25, 2022

Mike Bratcher District Supervisor Oil Conservation Division, District 2 811 S. First Street Artesia, New Mexico 88210

Re: Closure Report Cotton Draw 29-30 CTB Devon Energy Production Company Site Location: Unit H-S30-T25S-R32E (Lat 32.104520°, Long -103.706718°) Lea County, New Mexico Incident ID: nAPP2200452193

Mr. Bratcher:

On behalf of Devon Energy Production Company (Devon), New Tech Global Environmental, LLC (NTGE) has prepared this letter to document the liner inspection activities for the Cotton Draw 29-30 CTB (Site). The Site is located in Lea County approximately 26 miles southeast of Loving, New Mexico (Figures 1 and 2).

Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on January 4, 2022. The release was the result of a frozen tee on a recirculation flowline rupturing within the tank battery. The rupture resulted in the release of approximately sixty five (65) barrels of crude oil into the lined secondary containment of which all was recovered. The initial C-141 form is attached.

Site Characterization

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there is no known water source within a ½ mile radius of the location. The nearest identified well is located approximately 2.36 miles southwest of the Site in S6, T26S, R32E. The well has a reported depth to groundwater of 350 feet below ground surface (ft bgs). Copies of the site characterization information and the associated *Point of Diversion Summary* report for the nearest water well is attached.

Regulatory Criteria

In accordance with the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria are applicable to the Site.

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 100 mg/kg (GRO + DRO + MRO).
- Chloride: 600 mg/kg.

Mr. Mike Bratcher March 1, 2022 Page 2 of 2

Liner Inspection

On February 10, 2022, NTGE conducted liner inspection activities to assess the liner's integrity within the facility. NTGE personnel proceeded to conduct a visual inspection of the liner. The liner was found to be intact with no integrity issues. A photgraphic log documenting the condition of the liner at the time of the inspection is attached.

Conclusions

Based on the finding of the liner inspection, no further actions are required at the Site. The final C-141 is attached and Devon formally requests a no further action designation for the release. If you have any questions regarding this report or need additional information, please contact us at 432-701-2159.

Sincerely, NTG Environmental

Ethan Sessums Jr. Project Manager

Attachments:

Initial C-141 Site Characterization Information Figures Photographic Log



INITIAL C-141

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	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	OGRID
Contact Name	Contact Telephone
Contact email	Incident # (assigned by OCD)
Contact mailing address	

Location of Release Source

Longitude

~!		~! -
	(NAD 83 in decimal deg.	rees to 5 decimal places)
Latitude		Longitude

Site Name	Site Type
Date Release Discovered	API# (if applicable)

Unit Letter	Section	Township	Range	County

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)

Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	Yes No
Condensate	Volume Released (bbls)	Volume Recovered (bbls)
Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
Cause of Release		

Incident ID

District RP Facility ID Application ID

Page	2

Was this a major

Yes No

release as defined by 19.15.29.7(A) NMAC?

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

The source of the release has been stopped.

The impacted area has been secured to protect human health and the environment.

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not 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:	Title:
Signature: <u>Kendra DeHoyos</u>	Date:
email:	Telephone:
OCD Only Received by:	Date: 1/19/2022

Spills In Lined Containment		
Measurements Of Standing Fluid		
Length(Ft)	60	
Width(Ft)	60	
Depth(in.)	1.54	
Total Capacity without tank displacements (bbls)	82.29	
No. of 500 bbl Tanks In		
Standing Fluid No. of Other Tanks In Standing Fluid	4	
OD Of Other Tanks In Standing Fluid(feet)	15	
Total Volume of standing fluid accounting for tank displacement.	65.04	

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Received by OCD: 5/11/2022 3:12:56 PM Form C-141 State of New Mexico

Page 3

Oil Conservation Division

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Incident ID	
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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?	🗌 Yes 🗌 No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	🗌 Yes 🗌 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)?	🗌 Yes 🗌 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🗌 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?	🗌 Yes 🗌 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	🗌 Yes 🗌 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	🗌 Yes 🗌 No
Are the lateral extents of the release within 300 feet of a wetland?	🗌 Yes 🗌 No
Are the lateral extents of the release overlying a subsurface mine?	🗌 Yes 🗌 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	🗌 Yes 🗌 No
Are the lateral extents of the release within a 100-year floodplain?	🗌 Yes 🗌 No
Did the release impact areas not on an exploration, development, production, or storage site?	🗌 Yes 🗌 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 ½-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.

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Received by OCD: 5/11/2	022 3:12:56 PM State of New Mexico		Page 9 of 2					
			Incident ID					
Page 4	Oil Conservation Division	1	District RP					
			Facility ID					
			Application ID					
regulations all operators ar public health or the envirous failed to adequately investi addition, OCD acceptance and/or regulations. Printed Name: Signature:	Tormation given above is true and complete to the required to report and/or file certain release norment. The acceptance of a C-141 report by the igate and remediate contamination that pose a the of a C-141 report does not relieve the operator of a C-141 report does not	otifications and perform c e OCD does not relieve th nreat to groundwater, surf of responsibility for comp Title: Date:	orrective actions for rele e operator of liability sh- ace water, human health bliance with any other feo	eases which may endanger ould their operations have or the environment. In deral, state, or local laws				
email:		Telephone:						
OCD Only								
Received by:		Date:						

Page 6

Oil Conservation Division

Incident ID	
District RP	
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Application ID	

Page 10 of 28

Closure

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<u>Closure Report Attachment Checklist</u> : Each of the following it	tems must be included in the closure report.
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Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
Laboratory analyses of final sampling (Note: appropriate ODC	C District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of	nediate contamination that pose a threat to groundwater, surface water, a C-141 report does not relieve the operator of responsibility for tions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in
Printed Name:	Title:
Signature: Wesley Mathews	Date:05/11/2022
email:	Telephone:
OCD Only	
OCD Only Received by:	Date:
Received by: Closure approval by the OCD does not relieve the responsible party	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible
Received by: Closure approval by the OCD does not relieve the responsible party remediate contamination that poses a threat to groundwater, surface	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.
Received by: Closure approval by the OCD does not relieve the responsible party remediate contamination that poses a threat to groundwater, surface party of compliance with any other federal, state, or local laws and/	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.

SITE CHARACTERIZATION INFORMATION

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NTGE Project No.: 225307



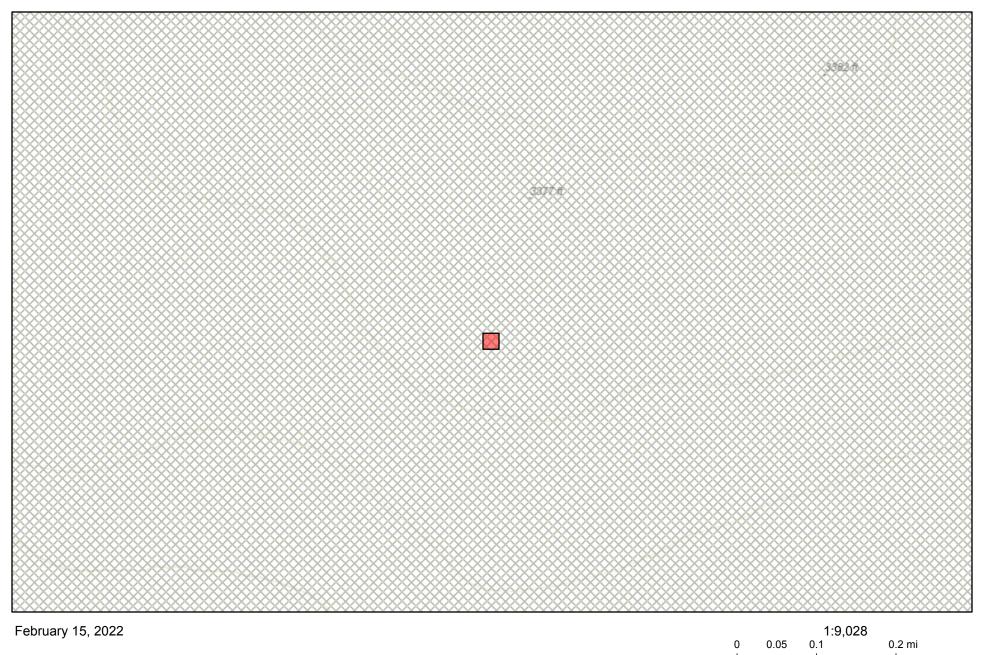
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• Cotton Draw 29-30 CTB 🥖 LOW



New Mexico NFHL Data





nmflood.org is made possible through a collaboration with NMDHSEM,

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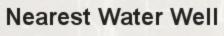
This is a non-regulatory product for informational use only. Please consult your local floodplain administrator for further information.

Cotton Draw 29-30 CTB 9

350' - Drilled in 2015

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Sec. 1



Legend

Page 14 of 28

- 🕹 0.50 Mile Radius
- 🍰 2.36 Miles
- Cotton Draw 29-30 CTB
- NMSEO Water Well



and an

10.05

USGS Home Contact USGS Search USGS



National Water Information System: Web Interface USGS Water Resources

Data Category:		Geographic Area:		
Groundwater	~	New Mexico	~	GO

Click to hideNews Bulletins

- Explore the NEW USGS National Water Dashboard interactive map to access real-time water data from over 13,500 stations nationwide.
- Full News 🔊

Groundwater levels for New Mexico

Click to hide state-specific text

Important: <u>Next Generation Monitoring Location Page</u>

Search Results -- 1 sites found

Agency code = usgs

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 320134103384101 26S.32E.21.32311

Lea County, New Mexico Latitude 32°01'35.2", Longitude 103°41'01.8" NAD83 Land-surface elevation 3,130 feet above NAVD88 The depth of the well is 405 feet below land surface. The depth of the hole is 405 feet below land surface. This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer. This well is completed in the Dockum Group (231DCKM) local aquifer.

Output formats

Table of data

Tab-separated data

<u>Graph of data</u>

Reselect period

Date	Time	? Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water- level approval status
1993-06-16		D	62610		2723.41	NGVD29	1	L	-		1
1993-06-16		D	62611		2725.00	NAVD88	1	L	-		1
1993-06-16		D	72019	405.00			1	L	-		1
2013-01-16	19:10 UTC	m	62610		2906.47	NGVD29	Р	S	USGS	S	; <i>i</i>
2013-01-16	19:10 UTC	m	62611		2908.06	NAVD88	Р	S	USGS	S	; <i>i</i>
2013-01-16	19:10 UTC	m	72019	221.94			Р	S	USGS	S	; A

Explanation									
Section	Code	Description							
Water-level date-time accuracy	D	Date is accurate to the Day							
Water-level date-time accuracy	m	Date is accurate to the Minute							
Parameter code	62610	Groundwater level above NGVD 1929, feet							
Parameter code	62611	Groundwater level above NAVD 1988, feet							
Parameter code	72019	Depth to water level, feet below land surface							
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988							
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929							
Status	1	Static							
Status	Р	Pumping							
Method of measurement	L	Interpreted from geophysical logs.							
Method of measurement	S	Steel-tape measurement.							
Measuring agency		Not determined							
Measuring agency	USGS	U.S. Geological Survey							
Source of measurement		Not determined							

Respired by OGD: 5/11/2022 3:12:56 PM

Section	Code	Description	
Source of measurement	S	Measured by personnel of reporting agency.	
Water-level approval status	А	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

Accessibility FOIA Privacy Policies and Notices <u>U.S. Department of the Interior</u> | <u>U.S. Geological Survey</u> Title: Groundwater for New Mexico: Water Levels URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

USA.gov

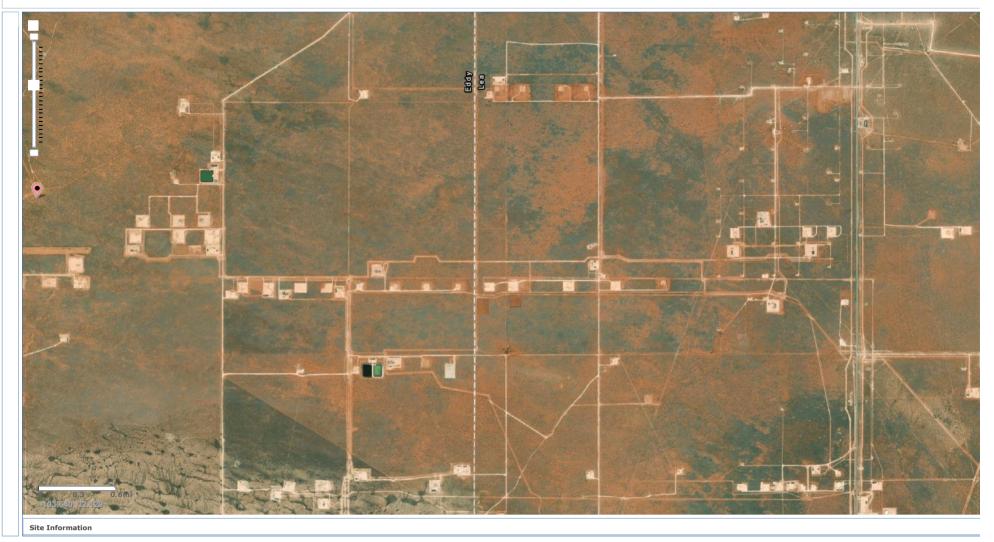
Page Contact Information: <u>New Mexico Water Data Maintainer</u> Page Last Modified: 2022-02-15 14:33:41 EST 0.28 0.24 nadww02

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National Water Information System: Mapper



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New Mexico Office of the State Engineer Point of Diversion Summary

					· ·	ters are 1= arters are sr			=SW 4=SE) rgest)		983 UT	M in meters)			
Well Tag	PO	D Numb	oer		Q64	Q16 Q4	Sec	Tws	s Rng		Х	Y			
	С	03829 F	POD1	l	3	31	06	26S	32E	620	628	3549186	9		
Driller Licens	se:	1607		Dril	ller C	ompany	: DU	RAI		١G					
Driller Name:		DURAN	I, LU	IS (TONY))										
Drill Start Da	te:	02/11/2	015	Dril	ll Fin	ish Date:	:	02/	12/2015		Plug	Date:			
Log File Date	:	02/23/2	015	PC	W Rc	v Date:					Sour	ce:	Shallow		
Pump Type:				Pip	e Dis	charge S	Size:				Estin	nated Yield	I: 58 GPM		
Casing Size:		7.00		Dep	oth W	/ell:		646	6 feet		Dept	h Water:	350 feet		
w	ater	Bearin	g Str	atificatio	ns:	Тор	Botto	m	Descript	ion					
						330	3	37	Sandstor	ne/G	ravel	Conglomer	ate		
						390	4	70	Sandstor	ne/G	ravel/	Conglomer/	ate		
						580	6	10	Sandstor	ne/G	ravel	Conglomer	ate		
		Cas	ing F	Perforatio	ns:	Тор	Botto	m							
			_			341	6	45							
М	eter	Numbe	er:	1658	1		Mete	er M	ake:		MAS	STERMETE	R		
М	eter	Serial I	Numl	ber: 3253	1561		Meter Multiplier:				100.0000				
N	umb	er of Di	als:	6	6 Gallons				Meter Type: Return Flow Percent			Diversion			
U	nit c	of Measu	ure:	Gallo											
U	sage	e Multip							•	ncy:		thly (No Re ected)	ading		
Meter Rea	din														
Read D	ate	Year	Mtr	Reading	Fla	ig Rdr	Com	me	nt			Mtr	Amount Onli		
03/03/20	015	2015		0	А	RPT	Γ						0		
04/02/20	015	2015		4343	А	RPT	_						1.333		
04/30/20	015	2015		4343	А	RPT	-						0		
05/31/20	015	2015		4343	А	RPT	-						0		
07/01/20	015	2015		4343	А	RPT	-						0		
08/01/20	015	2015		4343	А	RPT	Γ						0		
08/31/20	015	2015		4616	А	RPT	Γ						0.084		
10/01/20	015	2015		4616	А	RPT	-						0		
**YTD N	lete	r Amou	nts:	Year		Amount	t								
				2015		1.417	7								

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.



(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)	(R=POD has been replace O=orphaned C=the file is closed)	ed, , (2=NE : st to lar	3=SW 4=5 rgest) (SE) (NAD83 UT	ГM in me	eters)	(n feet)	
POD Number	POD Sub- Code basin	County	Q C 16 4	: Tws	Rna)	x	Y	Distance	-	-	Water Column
C 03829 POD1	CUB	LE	3 1	26S		62062		-	3811	646	350	
			 	 				Avera	ge Depth to Minimum Maximum	Depth:	350	feet feet feet
Record Count: 1 Basin/County Search: County: Lea	<u>.</u>											

UTMNAD83 Radius Search (in meters):

Easting (X): 622030

Northing (Y): 3552731

Radius: 4000

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.

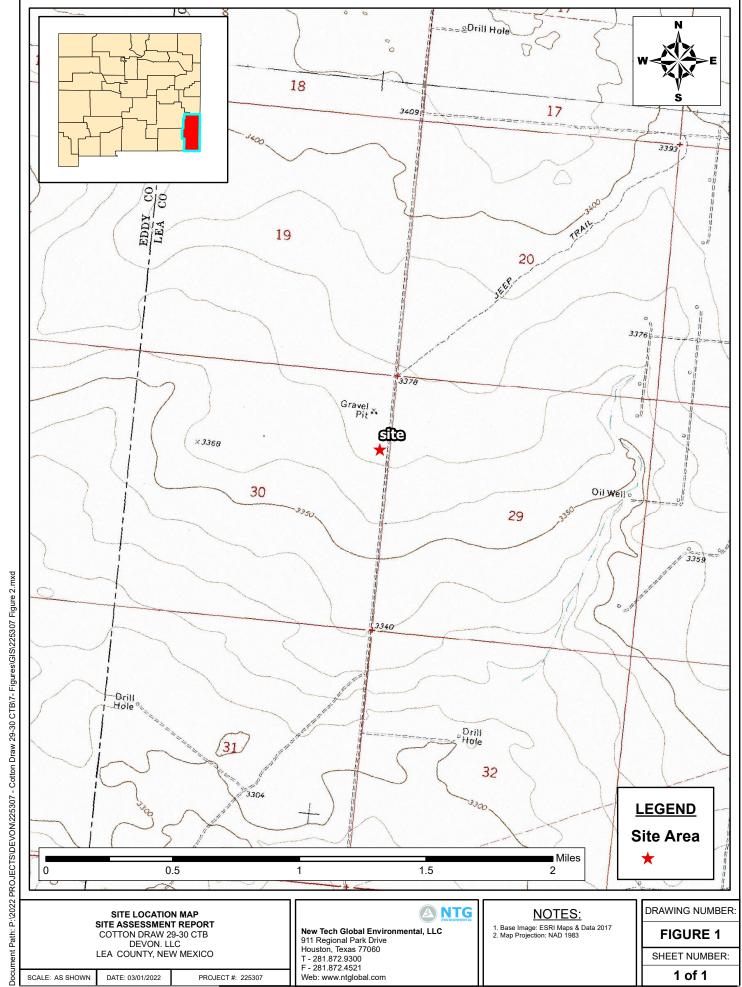
FIGURES

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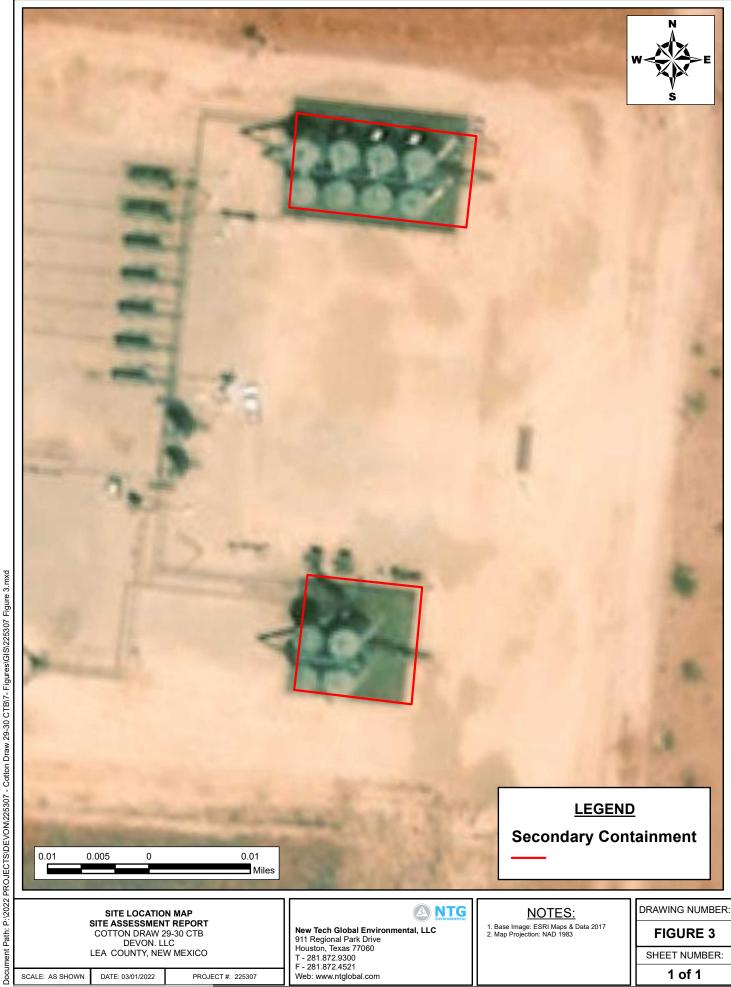
NTGE Project No.: 225307



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PHOTOGRAPHIC LOG

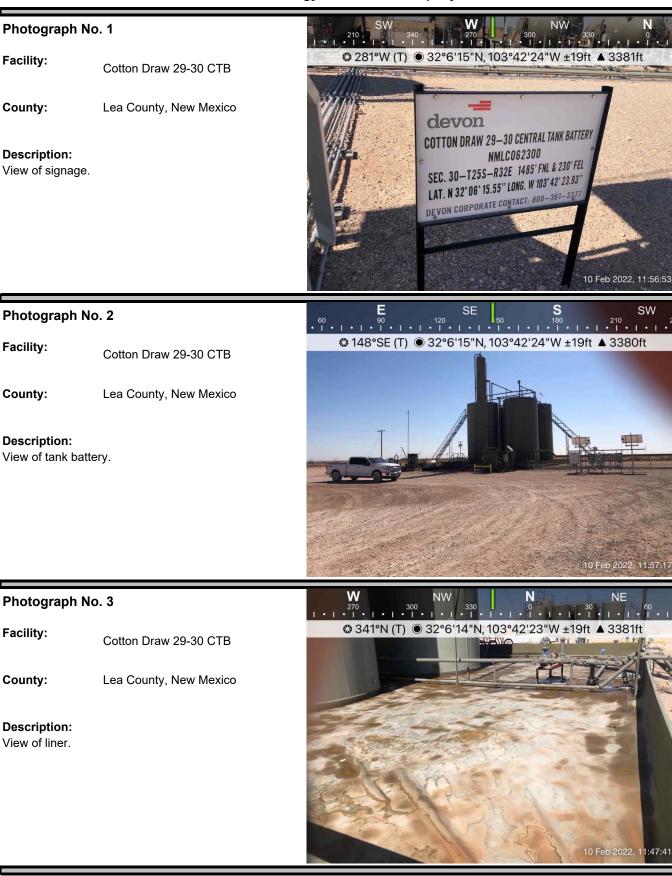


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SW

PHOTOGRAPHIC LOG

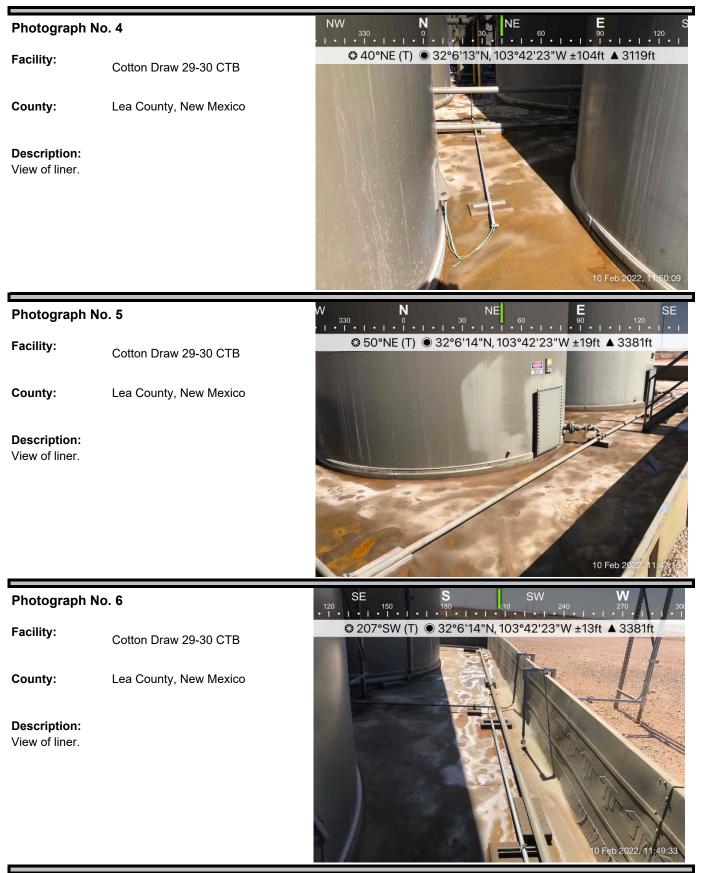
Devon Energy Production Company





PHOTOGRAPHIC LOG

Devon Energy Production Company





PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 7

Facility: Cotton Draw 29-30 CTB

County: Lea County, New Mexico

Description: View of tank battery.





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:
DEVC	ON ENERGY PRODUCTION COMPANY, LP	6137
333 W	West Sheridan Ave.	Action Number:
Oklah	homa City, OK 73102	106171
		Action Type:
		[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2200452193 COTTON DRAW 29-30 CENTRAL TANK BATTERY, thank you. This closure is approved.	6/17/2022

Action 106171