

November 19, 2020 Vertex Project #: 20E-00141-007

Spill Closure Report: Sea Snake 35 State #001H

Unit M, Section 35, Township 23 South, Range 33 East

County: Lea

API: 30-025-41625

Incident Tracking Number: NCH1827837754

Prepared For: Devon Energy Production Company

6488 Seven Rivers Hwy

Artesia, New Mexico 88210

New Mexico Oil Conservation Division - District 1 - Hobbs

1625 North French Drive Hobbs, New Mexico 88240

Devon Energy Production Company (Devon) retained Vertex Resource Services Inc. (Vertex) to conduct a spill assessment and liner inspection following a produced water release that occurred on August 31, 2018, at Sea Snake 35 State #001H, API 30-025-41625 (hereafter referred to as "Sea Snake"). Devon provided immediate notification of the release to New Mexico Oil Conservation Division (NM OCD) District 1 and the New Mexico State Land Office (SLO), who own the land, on September 1, 2018. An initial C-141 Release Notification was submitted on September 5, 2018 (Attachment 1). The NM OCD incident tracking number assigned to this release is NCH1827837754.

This letter provides a description of the spill assessment and liner inspection, and demonstrates that closure criteria established in 19.15.29.12 *New Mexico Administrative Code* (NMAC; New Mexico Oil Conservation Division, 2018) have been met and all applicable regulations are being followed. This document is intended to serve as a final report to obtain approval from NM OCD for closure of this release.

Incident Description

On August 31, 2018, a release occurred at Devon's Sea Snake site when an unexpected increase in water production occurred due to offset completion increasing produced water at one well. This incident resulted in the release of approximately 450 barrels (bbls) of produced water into the lined secondary containment. Upon discovery of the release, the well was shut in and a hydrovac truck was dispatched to site to recover free liquids. Approximately 450 bbls of produced water were recovered from the secondary containment and removed for disposal off-site. All fluids were contained within the lined Spill Prevention Control and Countermeasures (SPCC) containment; no oil was released into undisturbed areas or waterways.

Site Characterization

The release at Sea Snake occurred on state-owned land, N 32.254406 W 103.547355, approximately 22 miles northwest of Jal, New Mexico. The legal description for the site is Unit M, Section 35, Township 23 South, Range 33 East, Lea County, New Mexico. This location is within the Permian Basin in southeast New Mexico and has historically been used for oil and

Sea Snake 35 State #001H

2020 Spill Assessment and Closure October 2020

gas exploration and production, and rangeland. An aerial photograph and site schematic are included in Attachment 2. Sea Snake is typical of oil and gas exploration and production sites in the western portion of the Permian Basin, and is currently used for oil and gas production, and storage. The following sections specifically describe the area surrounding Sea Snake.

The surrounding landscape is associated with sandy plains resulting from calcareous sandy eolian deposits derived from sedimentary rock generally found at elevations between 3,000 and 3,900 feet above sea level. The climate is semi-arid, with average annual precipitation ranging between 10 and 13 inches. Historically, the plant community has been dominated by grasses, with scattered shinnery oak and sand sage; perennial and annual forb abundance are dependent on precipitation. The dominant grass species are black grama, dropseeds and bluestems. Litter and to a lesser extent, bare ground, make up a significant proportion of the ground cover (United States Department of Agriculture, Natural Resources Conservation Service, 2020. Limited to no vegetation is allowed to grow on the compacted wellpad.

The Geological Map of New Mexico indicates the surface geology at Sea Snake is comprised primarily of Qep – interlaid eolian sands and piedmont-slope deposits (Holocene to middle Pleistocene; New Mexico Bureau of Geology and Mineral Resources, 2020). The National Resource Conservation Service (NRCS) Web Soil Survey characterizes the soil at the site as Berino-Cacique loamy fine sands association, which is distinguished by a layer of loamy fine sand over deep sandy clay loam. This type of soil tends to be well drained with low runoff and moderate available moisture in the soil profile (United States Department of Agriculture, Natural Resources Conservation Service, 2020). There is low potential for karst geology to be present near Sea Snake, though some erosional karst is possible (United States Department of the Interior, United States Geological Survey, 2020a).

There is no surface water located on-site. The nearest significant watercourse, as defined in Subsection P of 19.15.17.7 NMAC, is the Pecos River, located approximately 25 miles west of the site (New Mexico Office of the State Engineer, Interstate Stream Commission, 2020). Several small, intermittent streams and a small wetland are located near Bell Lake, approximately 1.9 miles southwest of Sea Snake (United States Fish and Wildlife Service, 2020). At Sea Snake, there are no continuously flowing watercourses or significant watercourses, lakebeds, sinkholes, playa lakes, or other critical water or community features as outlined in Paragraph (4) of Subsection C of 19.15.29.12 NMAC.

The nearest recent well is a New Mexico Office of the State Engineer well from 2017 located 1.55 miles southeast of the site. Data for that well shows a depth to groundwater at 85 feet below ground surface (bgs; New Mexico Office of the State Engineer, New Mexico Water Rights Reporting System, 2020). Documentation pertaining to site characterization and depth to groundwater determination is included in Attachment 3.

Closure Criteria Determination

Using site characterization information, a closure criteria determination worksheet (Attachment 3) was completed to determine if the release would be subject to any of the special case scenarios outlined in Paragraph (4) of Subsection C of 19.15.29.12 NMAC, if the release had escaped secondary containment.

Based on data included in the closure criteria determination worksheet, the release at Sea Snake would not be subject to the requirements of Paragraph (4) of Subsection C of 19.15.29.12 NMAC and the closure criteria for the site would be determined to be associated with depth to groundwater. As the nearest groundwater well is further than 0.5 miles from vertex ca

the release site, the depth to groundwater at Sea Snake cannot be accurately determined. The closure criteria for the site would then be determined to be associated with the following constituent concentration limits.

	Table 1. Closure Criteria for Soils Impacted b	y a Release
Depth to Groundwater	Constituent	Limit
	Chloride	600 mg/kg
< 50 feet	TPH ¹	100 mg/kg
	(GRO + DRO + MRO)	100 mg/kg
	BTEX ²	50 mg/kg
	Benzene	10 mg/kg

¹Total petroleum hydrocarbons (TPH) = gasoline range organics (GRO) + diesel range organics (DRO) + motor oil range organics (MRO) ²Benzene, toluene, ethylbenzene and xylenes (BTEX)

Remedial Actions

On September 14, 2020, Vertex provided 48-hour notification of the liner inspection to NM OCD, as required by Subparagraph (a) of Paragraph (5) of Subsection A 19.15.29.11 NMAC (Attachment 4). On September 16, 2020, Vertex conducted a visual inspection of the secondary containment liner for cracks, tears, cuts and other signs of damage to verify that the liner remained intact and had the ability to contain the release. The Daily Field Report (DFR) associated with the inspection is included in Attachment 5.

Closure Request

Vertex recommends no additional remediation action to address the release at Sea Snake. The secondary containment liner appeared to be intact and had the ability to contain the release in question, as shown in the inspection photographs included with the DFR (Attachment 5). There are no anticipated risks to human, ecological or hydrological receptors associated with the release site.

Vertex requests that incident NCH1827837754 be closed as all closure requirements set forth in Subsection E of 19.15.29.12 NMAC have been met. Devon certifies that all information in this report and the attachments is correct, and that they have complied with all applicable closure requirements and conditions specified in Division rules and directives to meet NM OCD requirements to obtain closure on the August 31, 2018, release at Sea Snake.

Should you have any questions or concerns, please do not hesitate to contact me at 505.506.0040 or ngordon@vertex.ca.

Sincerely,

Natalie Gordon
PROJECT MANAGER

Sea Snake 35 State #001H

2020 Spill Assessment and Closure October 2020

Attachments

Attachment 1. NM OCD C-141 Report

Attachment 2. Site Schematic

Attachment 3. Site Characterization Research Documentation

Attachment 4. Required 48-hr Notification of Liner Inspection to Regulatory Agencies

Attachment 5. Daily Field Report(s) with Photographs

Sea Snake 35 State #001H

2020 Spill Assessment and Closure October 2020

References

- New Mexico Bureau of Geology and Mineral Resources. (2020). *Interactive Geologic Map.* Retrieved from http://geoinfo.nmt.edu.
- New Mexico Office of the State Engineer, Interstate Stream Commission. (2019). OSE POD Locations. Retrieved from https://gis.ose.state.nm.us/gisapps/ose_pod_locations/.
- New Mexico Oil Conservation Division. (2018). *Natural Resources and Wildlife Oil and Gas Releases*. Santa Fe, New Mexico.
- United States Department of Agriculture, Natural Resources Conservation Service. (2020). *Web Soil Survey*. Retrieved from https://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx.
- United States Department of the Interior, Bureau of Land Management. (2020). *New Mexico Cave/Karsts*. Retrieved from https://www.blm.gov/programs/recreation/recreation-programs/caves/new-mexico.
- United States Department of the Interior, United States Geological Survey. (2020). *Groundwater for New Mexico: Water Levels*. Retrieved from https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?.

Sea Snake 35 State #001H

2020 Spill Assessment and Closure October 2020

Limitations

This report has been prepared for the sole benefit of Devon Energy Production Company (Devon). This document may not be used by any other person or entity, with the exception of the New Mexico Oil Conservation Division, without the express written consent of Vertex Resource Services Inc. (Vertex) and Devon. Any use of this report by a third party, or any reliance on decisions made based on it, or damages suffered as a result of the use of this report are the sole responsibility of the user.

The information and conclusions contained in this report are based upon work undertaken by trained professional and technical staff in accordance with generally accepted scientific practices current at the time the work was performed. The conclusions and recommendations presented represent the best judgement of Vertex based on the data collected during the assessment. Due to the nature of the assessment and the data available, Vertex cannot warrant against undiscovered environmental liabilities. Conclusions and recommendations presented in this report should not be considered legal advice.

ATTACHMENT 1

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	nCH1827837754
District RP	1RP-5220
Facility ID	
Application ID	pCH1827838403

Release Notification

			Respon	sible Part	у
Responsible Party Devon Energy Production Company			duction Company	OGRID	
		ulks, EHS Profe		Contact To	elephone 575-748-3371
		ılks@dvn.com			(assigned by OCD)
Contact mailing address 6488 Seven Rivers Hwy Artesia,				ia, NM 882	10
			Location of	Dologgo C	awwa a
22	25440	6	Location of		
atitude 32	25440	0	OLAD 92 in Janima	Longitude	-103.547355
			(NAD 83 in decimal		
Site Name Sea Snake 35 State 1H Battery			•	Site Type	
Date Release Discovered August 31, 2018		API# (if app	plicable) 30-025-41625		
Unit Letter	Section	Township	Range	Cour	mts.
M	35	235	33E	County	
IVI	33	233	33E	Lea	
Surface Owner: State Federal Tribal Private (Name:)					
			Nature and V	olume of l	Release
Material(s) Released (Select all that apply and attach calculations or spec			ulations or specific		
Crude Oil				Volume Recovered (bbls)	
Produced Water Volume Released (bbls) 450bbls			Volume Recovered (bbls) 450bbls		
Is the concentration of total dissolved sol in the produced water >10,000 mg/l?		solids (TDS)	☐ Yes ☐ No		
Condensate Volume Released (bbls)			Volume Recovered (bbls)		
Natural Gas Volume Released (Mcf)			Volume Recovered (Mcf)		
Other (de	Other (describe) Volume/Weight Released (provide units)		its)	Volume/Weight Recovered (provide units)	
Cause of Rele	ease Unexp released	L ected increase in v d into lined contain	vater production due t ment.	o offset comple	Letion increasing produced water at one well. All fluids we

Form C-141 Page 2

State of New Mexico Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Yes by Brett Fulks, El	Release was over 25bbls.	es the responsible party consider this a major release? som? To whom? When and by what means (phone, email, etc)? EMNRD; Ryan Mann, SLO; Christina Hernandez, EMNRD & Olivia Yu, EMNRD
L	I	nitial Response
The respon	sible party must undertake the following acti	ons immediately unless they could create a safety hazard that would result in injury
The impacted are		n health and the environment. f berms or dikes, absorbent pads, or other containment devices. removed and managed appropriately.
	NMAC the responsible porty reasons	commence remediation immediately after discovery of a release. If remediation
has begun, please att	ach a narrative of actions to date.	If remedial efforts have been successfully completed or if the release occurred NMAC), please attach all information needed for closure evaluation.
I hereby certify that the regulations all operators public health or the env failed to adequately inv	information given above is true and cors are required to report and/or file certain ironment. The acceptance of a C-141 restigate and remediate contamination the	inplete to the best of my knowledge and understand that pursuant to OCD rules and in release notifications and perform corrective actions for releases which may endanger port by the OCD does not relieve the operator of liability should their operations have at pose a threat to groundwater, surface water, human health or the environment. In experience of responsibility for compliance with any other federal, state, or local laws
Printed Name: She	eila Fisher	Title: Administrative Asst.
Signature:	la Astro	Date: 9/5/18
email: Sheila.F	isher@dvn.com	Telephone: 575-748-3371
OCD Only		
	ECEIVED	Date:
	y CHernandez at 3:56 p	

	Page 10 of 54
Incident ID	NCH1827837754
District RP	1RP-5220
Facility ID	
Application ID	pCH1827838403

Site Assessment/Characterization

This information must be provided to the appropriate district office no taler than 50 days after the release discovery date.			
What is the shallowest depth to groundwater beneath the area affected by the release?	< 50 (ft bgs)		
Did this release impact groundwater or surface water?	Yes X No		
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	Yes X 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 X No		
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	Yes X 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 X No		
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	Yes X No		
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	Yes X 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 X 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.

- X Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- NA Field data
- NA Data table of soil contaminant concentration data
- X Depth to water determination
- \(\overline{\text{\tin}}}}}}}}}} \encomessmillimity} \end{\text{\texi}\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\t
- NA Boring or excavation logs
- X 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.

Received by OCD: 11/20/2020 8:04:09 AM
State of New Mexico
Page 4
Oil Conservation Division

I ugo II oj sa	P	ag	e	1	1	0	f 54
----------------	---	----	---	---	---	---	------

Incident ID	NCH1827837754
District RP	1RP-5220
Facility ID	
Application ID	pCH1827838403

	otifications and perform corrective actions for releases which may endanger OCD does not relieve the operator of liability should their operations have reat to groundwater, surface water, human health or the environment. In
Printed Name: Tom Bynum	Title: EHS Consultant
Signature: Tom Bynum	Date:11/19/2020
email: tom.bynum@dvn.com	Telephone: <u>575-748-2663</u>
OCD Only	
Received by: Cristina Eads	Date: 11/20/2020

Page 12 of 54

Incident ID	NCH1827837754
District RP	1RP-5220
Facility ID	
Application ID	pCH1827838403

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.

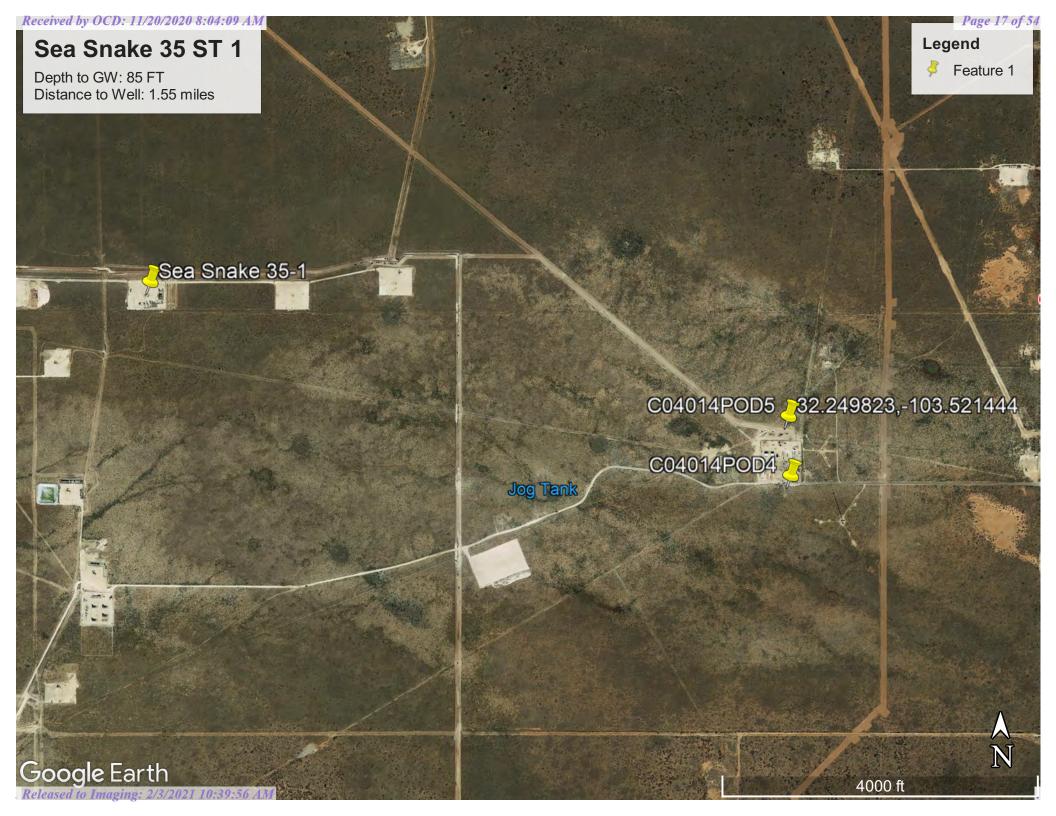
X A scaled site and sampling diagram as described in 19.15.29.	11 NMAC
X Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
NA Laboratory analyses of final sampling (Note: appropriate ODG	C District office must be notified 2 days prior to final sampling)
X 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 should their operations have failed to adequately investigate and replacement human health or the environment. In addition, OCD acceptance of	ntions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in
Printed Name: Tom Bynum	Title: EHS Consultant
Signature: Tom Bynum email: tom.bynum@dvn.com	Date:11/19/2020
email: tom.bynum@dvn.com	Telephone: <u>575-748-2663</u>
OCD Only	
Received by: Cristina Eads	Date: 11/20/2020
	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: Cristina Eads	Date: 2/03/2021
Printed Name: Justin &	Environmental Specialist

ATTACHMENT 2



ATTACHMENT 3

	e: Sea Snake 35 State #001H rdinates:	X: 32.2544518	Y: -103.5474319
	ific Conditions	Value	Unit
1	Depth to Groundwater	85	feet
2	Within 300 feet of any continuously flowing watercourse or any other significant watercourse	135,300	feet
3	Within 200 feet of any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark)	5,385	feet
4	Within 300 feet from an occupied residence, school, hospital, institution or church	80,942	feet
5	i) Within 500 feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or	80,942	feet
	ii) Within 1000 feet of any fresh water well or spring	>1000	feet
6	Within incorporated municipal boundaries or within a defined municipal fresh water field covered under a municipal ordinance adopted pursuant to Section 3-27-3 NMSA 1978 as amended, unless the municipality specifically approves	No	(Y/N)
7	Within 300 feet of a wetland	5,385	feet
8	Within the area overlying a subsurface mine	No	(Y/N)
9	Within an unstable area (Karst Map)	Low	Critical High Medium Low
10	Within a 100-year Floodplain	>100	year
11	Soil Type	my fine sands and si	mona fine sandy loai
12	Ecological Classification		
13	Geology	an and Piedmont de	eposits
	NMAC 19.15.29.12 E (Table 1) Closure Criteria	51-100'	<50' 51-100' >100'





Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number** Q64 Q16 Q4 Sec Tws Rng

C 02284

2 4 26 23S 33E

637907 3571626*

Driller License:

Driller Company:

Driller Name:

CARL BRININSTOOL

Drill Start Date:

Drill Finish Date:

12/31/1919

Plug Date:

Log File Date:

PCW Rcv Date:

Source:

Pump Type:

Pipe Discharge Size:

Estimated Yield: 3 GPM

Casing Size:

6.50

Depth Well:

325 feet **Depth Water:** 225 feet

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.

10/5/20 11:55 AM

^{*}UTM location was derived from PLSS - see Help



Water Right Summary

WR File Number: C 04014 Subbasin: CUB Cross Reference: -

Primary Purpose: MON MONITORING WELL

Primary Status: PMT PERMIT

Total Acres: Subfile: - Header: -

Total Diversion: 0 Cause/Case: -

Agent: GHD SERVICES, INC.

Contact: CHRISTINE MATHEWS-GHD
Owner: ENERGY TRANSFER COMPANY
Contact: STACY BOULTINGHOUSE

Owner: TRANSWESTERN PIPELINE CO LLC

Contact: ROBERT ROSE

Documents on File

				Sta	atus		From/			
				_	_	Transaction Desc.	To	Acres	Diversion	Consumptive
get images	600875	EXPL	2017-01-12	PMT	LOG	C 04014 POD1	T	0	0	

Current Points of Diversion

(NAD83 UTM in meters)

POD Number	Well Tag								X		Other Location Desc
C 04014 POD1		Shallow								3568638	
C 04014 POD2		Shallow								3568917	
<u>C 04014 POD3</u>		Shallow	2	4	2	01	24S	33E	639497	3569007	MW-19
C 04014 POD4		Shallow	3	4	2	01	24S	33E	639295	3568859	MW-20
C 04014 POD5		Shallow	1	4	2	01	24S	33E	639284	3569086	MW-21

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.

1/29/20 8:02 AM WATER RIGHT SUMMARY

SIGN-IN HELP

Quick • Genera • <u>History</u> • Comme Operate • Pits • Well Co • Financi Complia • <u>Inciden</u> • Orders • Product • Transpo • Points Assoc • Well Fil • Well Lo • Well Ad New S • New Fa New Inc • New Or • New Pi • New Sr • New Ta • New W

Searches Operator Data Hearing Fee Application

OCD Permitting

Home Searches Wells Well Details

30-025-41625 SEA SNAKE 35 STATE #001H [40329]

General Well Information					
Operator:	[6137] DEVON ENERGY PRODUCTION CO	MPANY, L	_P		
Status:	Active		Direction:	Horizontal	
Well Type:	Oil		Multi-Lateral:	No	
Work Type:	New		Mineral Owner:	State	
			Surface Owner:		
Surface Location:	M-35-23S-33E 200 FSL 1295 FWL				
Lat/Long:	32.2544518,-103.5474319 NAD83				
GL Elevation:	3665				
KB Elevation:			Sing/Mult Compl:	Single	
DF Elevation:			Potash Waiver:	False	
Proposed Formation and/or Notes	S				
2ND BONE SPRING SAND					
ZND BOINE SPRING SAIND					
Depths					
Proposed:	16571		True Vertical Depth:	11290	
Measured Vertical Depth:	15977		Plugback Measured:	15901	
Formation Tops					
	Formation	Тор	Producing Me	ethod Obtained	
Event Dates					
Initial APD Approval:	01/24/2014				
Most Recent APD Approval:	01/24/2014		Current APD Expiration:	01/24/2016	
APD Cancellation:	0.72.72011		January D Expiration	0112112010	
APD Extension Approval:					
Spud:	10/13/2014		Gas Capture Plan Receive	d:	
Approved Temporary			TA Expiration:		
Abandonment:			,		
Shut In:					
Plug and Abandoned Intent			PNR Expiration:		
Received:			Last MIT/BHT:		
Well Plugged:					
Site Release:					
Last Inspection:	12/01/2014				

nistory								
Effective Date	Property	Well Number	Operator	C-101 Work Type	Well Type	Well Status	Apd Cancelled	Plug Date
01/24/2014	[40329] SEA SNAKE 35 STATE	#001H	[6137] DEVON ENERGY PRODUCTION COMPANY, LP	New	Oil	Active		



Water Column/Average Depth to Water

(A CLW#### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

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

(quarters are 1=NW 2=NE 3=SW 4=SE)

closed) (quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

		POD													
		Sub-		_	Q	_									Vater
POD Number	Code		County	64	16	4	Sec	Tws	Rng	X	Y	DistanceDe	pthWellDep	thWater C	olumn
<u>C 02284</u>		CUB	LE	4	2	4	26	23S	33E	637907	3571626*	2322	325	225	100
C 04014 POD5		CUB	LE	1	4	2	01	24S	33E	639284	3569086	2443	95	85	10
C 04014 POD4		CUB	LE	3	4	2	01	24S	33E	639295	3568859	2506	96	86	10
C 04014 POD3		CUB	LE	2	4	2	01	24S	33E	639497	3569007	2668	95	87	8
C 04014 POD2		CUB	LE	4	4	2	01	24S	33E	639656	3568917	2842	95	81	14
<u>C 02281</u>		CUB	LE	3	4	4	28	23S	33E	634495	3571183*	2897	545	400	145
<u>C 02308</u>		CUB	LE	1	3	1	10	24S	33E	634953	3567364*	2909	40	20	20
<u>C 02283</u>		CUB	LE	4	2	2	26	23S	33E	637896	3572431*	3062	325	225	100
C 04014 POD1		CUB	LE	1	1	3	06	24S	34E	639811	3568638	3064	91	81	10
<u>C 02282</u>		CUB	LE	3	1	1	25	23S	33E	638098	3572436*	3139	325	225	100
<u>C 02280</u>		CUB	LE	3	2	4	28	23S	33E	634489	3571586*	3148	650	400	250
<u>C 02278</u>		CUB	LE	3	4	2	28	23S	33E	634484	3571989*	3427	650	400	250
<u>C 02279</u>		CUB	LE	3	4	3	28	23S	33E	633691	3571173*	3584	650	400	250
C 03591 POD1		CUB	LE	2	1	4	05	24S	33E	632731	3568518	4275			
C 03917 POD1		C	LE	4	1	3	13	24S	33E	638374	3565212	4578	600	420	180
C 04282 POD1		C	LE	1	2	1	05	24S	34E	641662	3569541	4779	574	390	184
C 03620 POD1		CUB	LE	1	4	3	32	23S	34E	641790	3569941	4923	480	130	350
C 03666 POD1		C	LE	2	3	4	13	24S	33E	639132	3565078	4997	650	390	260

Average Depth to Water:

237 feet

Received by OCD: 11/29/2020 8:04:09 AM rs/ReportProxy?queryData=%7B"report"%3A"waterColumn"%2C%0A"BasinDiv"%3A"false"%2C%0A"UsageDiv"%3A"false"%2C%0A"radiusBox"% Page 22 of 54

Minimum Depth:

20 feet

Maximum Depth:

420 feet

Record Count: 18

<u>UTMNAD83 Radius Search (in meters):</u>

Northing (Y): 3569541.1 **Easting (X):** 636882.89 **Radius:** 5000

*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.

10/5/20 11:52 AM

WATER COLUMN/ AVERAGE DEPTH TO

WATER



Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag POD Number

Q64 Q16 Q4 Sec Tws Rng

TO ST.

C 04014 POD1

1 3 06 24S 34E

639811 3568638

Driller License: 1186

Driller Company: ENVIRO-DRILL, INC.

Driller Name: HAMMER, RODNEY

Drill Start Date: 02/13/2017

02/17/2017 Plug Date:

Log File Date: 03/

03/03/2017 **PCW Rcv Date:**

Source:

Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield:
Depth Water:

Casing Size:

Depth Well:

Drill Finish Date:

91 feet

81 feet

Water Bearing Stratifications:

2.00

Top Bottom Description

47 91 Sandstone/Gravel/Conglomerate

Casing Perforations:

Top Bottom

76 91

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.

1/29/20 8:08 AM



Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number** Q64 Q16 Q4 Sec Tws Rng

C 04014 POD2

2 01 24S 33E 3568917

Driller License: 1186 **Driller Company:**

639656

ENVIRO-DRILL, INC.

Driller Name: HAMMER, RODNEY

2.00

Drill Start Date: 02/13/2017 **Drill Finish Date:**

02/17/2017

Plug Date:

Log File Date:

03/03/2017

PCW Rcv Date:

Source:

Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size:

Depth Well:

95 feet

Depth Water:

81 feet

Water Bearing Stratifications:

Top **Bottom Description**

38 Sandstone/Gravel/Conglomerate

Casing Perforations:

Bottom Top

95 80

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.

1/29/20 8:08 AM



Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number** Q64 Q16 Q4 Sec Tws Rng

C 04014 POD3

2 01 24S 33E

3569007 639497

Driller License: 1186 **Driller Company:**

ENVIRO-DRILL, INC.

Driller Name: HAMMER, RODNEY

Drill Start Date: 02/13/2017 **Drill Finish Date:**

Depth Well:

02/17/2017

Plug Date:

Source:

Log File Date:

03/03/2017

2.00

PCW Rcv Date:

Estimated Yield:

Shallow

Pump Type: Casing Size: Pipe Discharge Size:

95 feet

Depth Water:

87 feet

Water Bearing Stratifications:

Top **Bottom Description** 49

Sandstone/Gravel/Conglomerate

Casing Perforations:

Bottom Top

95 80

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.

1/29/20 8:07 AM



Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag POD Number

Q64 Q16 Q4 Sec Tws Rng

AD65 O TWI III IIICICIS,

C 04014 POD4

4 2 01 24S 33E

639295 3568859

Driller License:

1186

Driller Company:

Driller Name: HAMMER, RODNEY

Drill Start Date: 02/13/2017

Drill Finish Date:

02/17/2017

ENVIRO-DRILL, INC.

Plug Date:

Source: S

Log File Date:

03/03/2017

2.00

PCW Rcv Date:

Estimated Yield: Depth Water: Shallow

Pump Type:

Pipe Discharge Size:

Estimate

066

Casing Size:

Depth Well:

96 feet

Bottom Description

86 feet

Water Bearing Stratifications:

35

Top

Sandstone/Gravel/Conglomerate

Casing Perforations:

Top Bottom

96

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.

35

1/29/20 8:06 AM



USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:		Geographic Area:		
Groundwater	~	United States	~	GO

Click to hideNews Bulletins

- Introducing The Next Generation of USGS Water Data for the Nation
- Full News

Groundwater levels for the Nation

Search Results -- 1 sites found

site_no list =

• 321348103340401

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 321348103340401 24S.33E.10.13123

Available data for this site Groundwater: Field measurements • GO
Lea County, New Mexico

Hydrologic Unit Code 13070007

Latitude 32°14'04.9", Longitude 103°34'02.4" NAD83

Land-surface elevation 3,592 feet above NAVD88

The depth of the well is 36 feet below land surface.

This well is completed in the Ogallala Formation (1210GLL) local aquifer.

Output formats

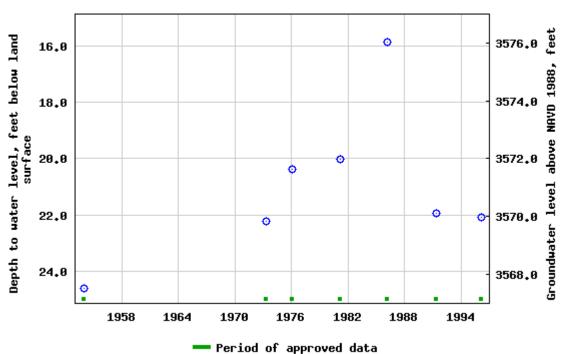
Table of data

Tab-separated data

Graph of data

Reselect period

USGS 321348103340401 245.33E.10.13123



Breaks in the plot represent a gap of at least one year between field measurements. <u>Download a presentation-quality graph</u>

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.S. Department of the Interior | U.S. Geological Survey

Title: Groundwater for USA: Water Levels

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

Page Contact Information: <u>USGS Water Data Support Team</u>

Page Last Modified: 2020-08-28 15:38:01 EDT

0.82 0.61 nadww01





Water Right Summary

WR File Number: LWD 01213 Subbasin: CUB Cross Reference: LWD-C-21

Primary Purpose: PLS NON 72-12-1 LIVESTOCK WATERING

Primary Status: DCL DECLARATION

Total Acres: 2.8 Subfile: - Header: -

Total Diversion: 3.7 Cause/Case: -

Owner: DIAMOND & HALF INC

Documents on File

			Sta	itus		From/			
Trn #	Doc	File/Act	1	2	Transaction Desc.	To	Acres	Diversion	Consumptive
631891	DCL	1998-02-09	APP	RCV	LWD-C-21 AMENDED	T	2.8	3.7	0
631873	DCL	1993-04-20	DCL	PRC	LWD-C-21	T	2.8	3.7	

Current Points of Diversion

(NAD83 UTM in meters)

 POD Number
 Well Tag
 Source
 64Q16Q4Sec Tws Rng
 X
 Y
 Other Location Desc

 LWD 01213 POD1
 4 3 1 01 24S 33E
 638347 3568818*
 Other Location Desc

An () after northing value indicates UTM location was derived from PLSS - see Help

Priority Summary

PriorityStatusAcresDiversionPod Number12/31/1935DCL2.83.7LWD 01213 POD1

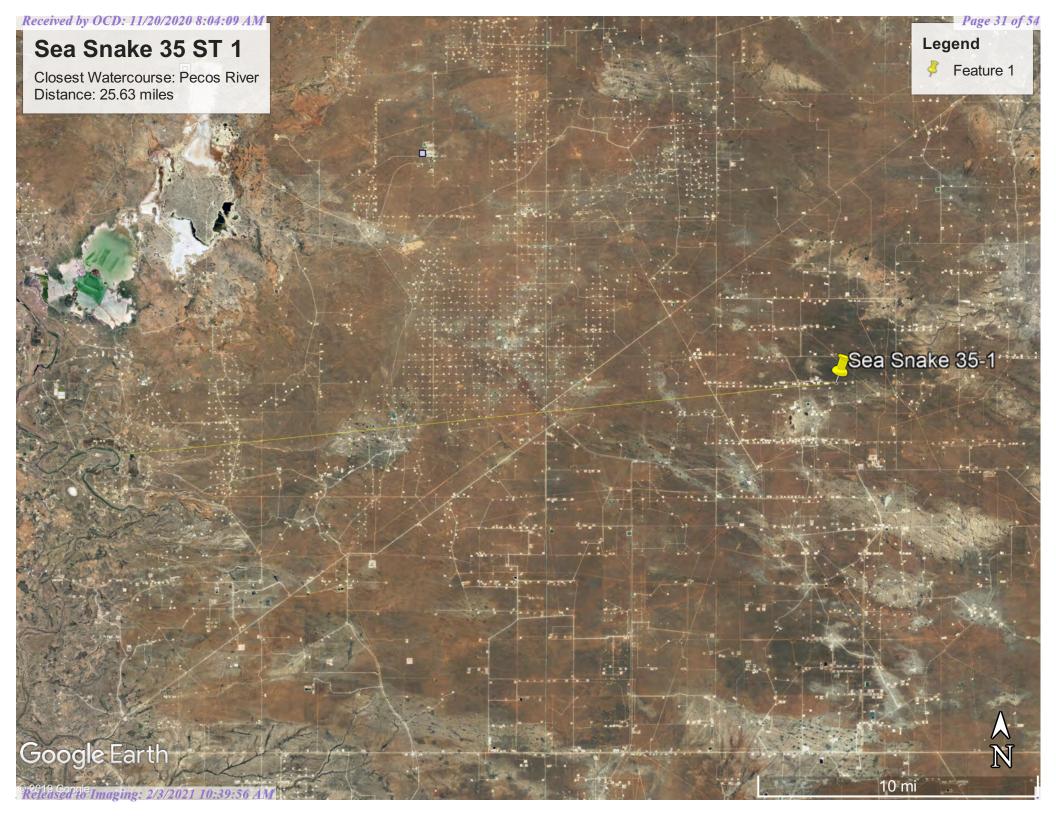
Place of Use

Source

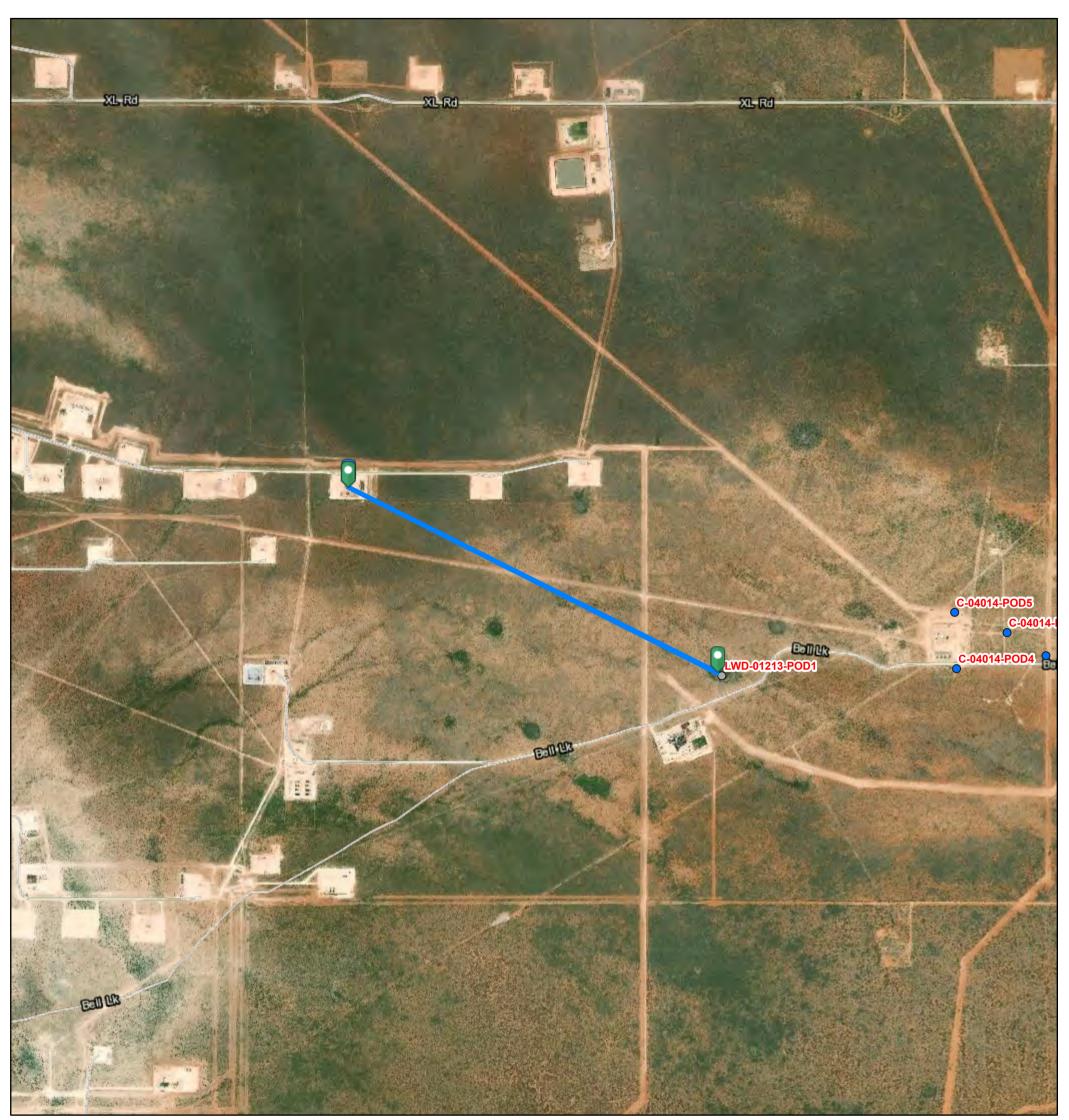
AcresDiversionCUUsePrioritySourceDescription2.83.7PLS12/31/1948SW

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.

1/29/20 7:52 AM WATER RIGHT SUMMARY



Distance to Wetland



1/29/2020, 8:00:37 AM

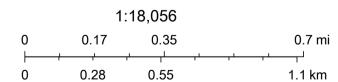
OSE District Boundary

GIS WATERS PODs

Active

Declared Groundwater Basins

Surface Water Sub Basins



Esri, HERE, Garmin, (c) OpenStreetMap contributors, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community, Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and



MAP LEGEND

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Map Unit Polygons



Soil Map Unit Lines



Soil Map Unit Points

Special Point Features

Blowout \odot



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



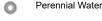
Marsh or swamp



Mine or Quarry



Miscellaneous Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot 0



Sinkhole



Slide or Slip



Sodic Spot

Spoil Area



Stony Spot Very Stony Spot



Wet Spot Other



Special Line Features

Water Features

Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20.000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico Survey Area Data: Version 16, Sep 15, 2019

Soil map units are labeled (as space allows) for map scales 1:50.000 or larger.

Date(s) aerial images were photographed: Dec 31, 2009—Sep 17. 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BE	Berino-Cacique loamy fine sands association	72.7	52.9%
SE	Simona fine sandy loam, 0 to 3 percent slopes	63.0	45.9%
SR	Simona-Upton association	1.7	1.3%
Totals for Area of Interest		137.4	100.0%

Lea County, New Mexico

BE—Berino-Cacique loamy fine sands association

Map Unit Setting

National map unit symbol: dmpd Elevation: 3,000 to 3,900 feet

Mean annual precipitation: 10 to 13 inches
Mean annual air temperature: 60 to 62 degrees F

Frost-free period: 190 to 205 days

Farmland classification: Not prime farmland

Map Unit Composition

Berino and similar soils: 50 percent Cacique and similar soils: 40 percent Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of

the mapunit.

Description of Berino

Setting

Landform: Plains

Landform position (three-dimensional): Rise

Down-slope shape: Linear Across-slope shape: Linear

Parent material: Sandy eolian deposits derived from sedimentary rock over calcareous sandy alluvium derived from sedimentary

rock

Typical profile

A - 0 to 6 inches: loamy fine sand Btk - 6 to 60 inches: sandy clay loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water (Ksat):

Moderately high to high (0.60 to 2.00 in/hr) Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum in profile: 40 percent

Gypsum, maximum in profile: 1 percent

Salinity, maximum in profile: Nonsaline to very slightly saline (0.0

to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum in profile: 2.0

Available water storage in profile: Moderate (about 8.7 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7c

Hydrologic Soil Group: B

Ecological site: Loamy Sand (R042XC003NM)

Hydric soil rating: No

Description of Cacique

Setting

Landform: Plains

Landform position (three-dimensional): Rise

Down-slope shape: Linear Across-slope shape: Linear

Parent material: Calcareous eolian deposits derived from

sedimentary rock

Typical profile

A - 0 to 12 inches: loamy fine sand

Bt - 12 to 28 inches: sandy clay loam

Bkm - 28 to 38 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: 20 to 40 inches to petrocalcic

Natural drainage class: Well drained

Runoff class: High

Capacity of the most limiting layer to transmit water (Ksat): Very

low to moderately low (0.00 to 0.06 in/hr) Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum in profile: 5 percent

Gypsum, maximum in profile: 1 percent

Salinity, maximum in profile: Nonsaline to very slightly saline (0.0

to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum in profile: 2.0

Available water storage in profile: Low (about 3.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7c

Hydrologic Soil Group: C

Ecological site: Sandy (R042XC004NM)

Hydric soil rating: No

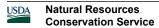
Minor Components

Maljamar

Percent of map unit: 6 percent

Ecological site: Limy Upland 16-21" PZ (R077CY028TX)

Hydric soil rating: No



Map Unit Description: Berino-Cacique loamy fine sands association---Lea County, New Mexico

Palomas

Percent of map unit: 4 percent Ecological site: Loamy Sand (R042XC003NM) Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico Survey Area Data: Version 16, Sep 15, 2019

Lea County, New Mexico

SE—Simona fine sandy loam, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: dmr2 Elevation: 3,000 to 4,200 feet

Mean annual precipitation: 10 to 15 inches Mean annual air temperature: 58 to 62 degrees F

Frost-free period: 190 to 205 days

Farmland classification: Not prime farmland

Map Unit Composition

Simona and similar soils: 85 percent *Minor components:* 15 percent

Estimates are based on observations, descriptions, and transects of

the mapunit.

Description of Simona

Setting

Landform: Plains

Landform position (three-dimensional): Rise

Down-slope shape: Linear Across-slope shape: Linear

Parent material: Calcareous eolian deposits derived from

sedimentary rock

Typical profile

A - 0 to 8 inches: fine sandy loam

Bk - 8 to 16 inches: gravelly fine sandy loam Bkm - 16 to 26 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: 7 to 20 inches to petrocalcic

Natural drainage class: Well drained

Runoff class: Very high

Capacity of the most limiting layer to transmit water (Ksat): Very

low to moderately low (0.00 to 0.06 in/hr) Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum in profile: 35 percent

Gypsum, maximum in profile: 1 percent

Salinity, maximum in profile: Nonsaline to very slightly saline (0.0

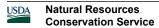
to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum in profile: 2.0

Available water storage in profile: Very low (about 2.0 inches)

Interpretive groups

Land capability classification (irrigated): 6s



Map Unit Description: Simona fine sandy loam, 0 to 3 percent slopes---Lea County, New Mexico

Land capability classification (nonirrigated): 7s

Hydrologic Soil Group: D

Ecological site: Shallow Sandy (R042XC002NM)

Hydric soil rating: No

Minor Components

Kimbrough

Percent of map unit: 8 percent

Ecological site: Very Shallow 16-21" PZ (R077CY037TX)

Hydric soil rating: No

Lea

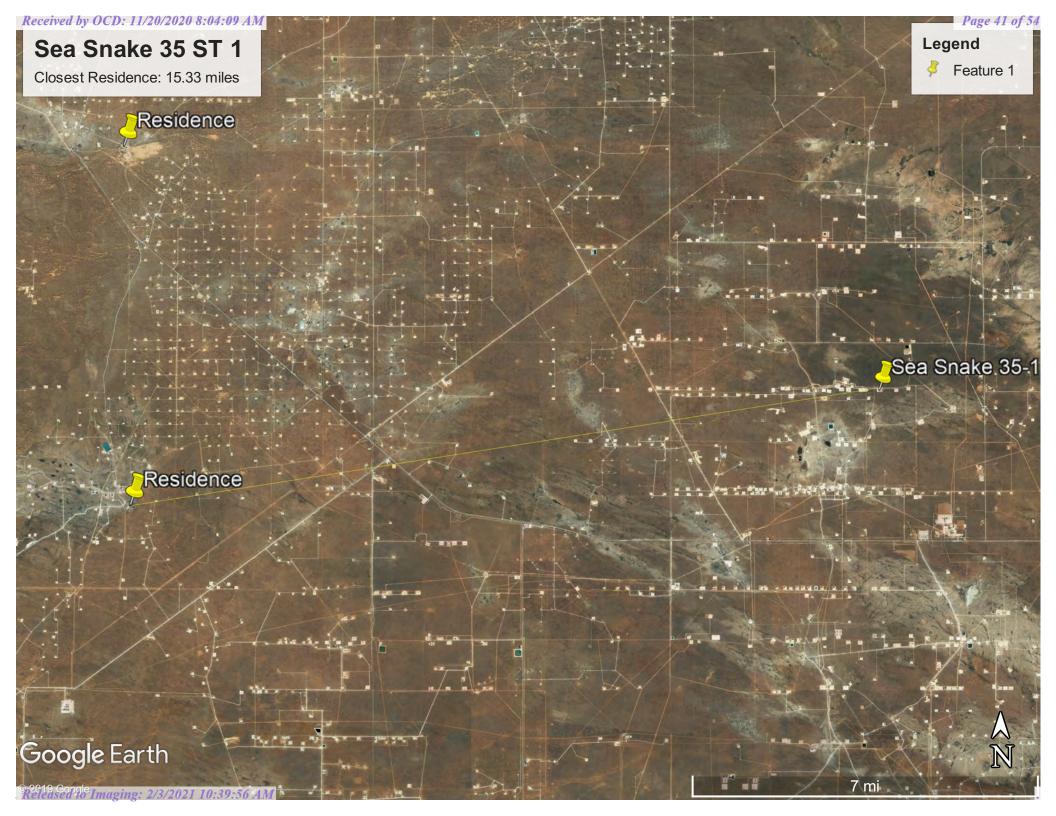
Percent of map unit: 7 percent

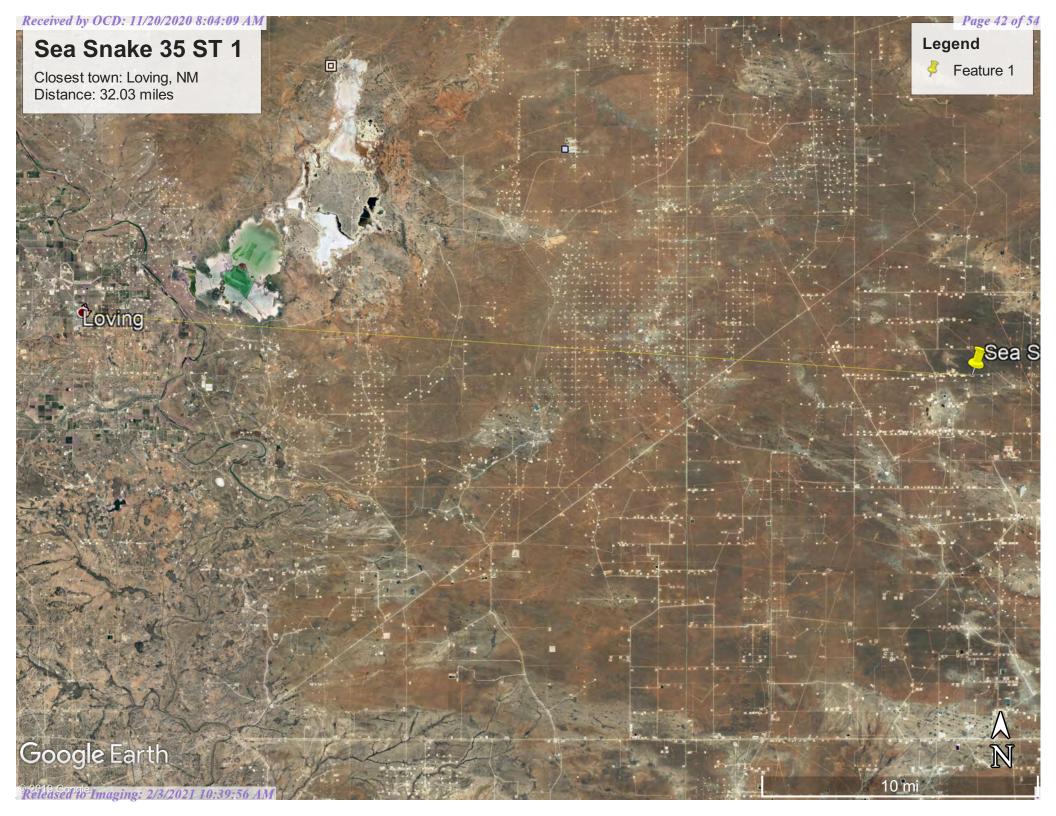
Ecological site: Limy Upland 16-21" PZ (R077CY028TX)

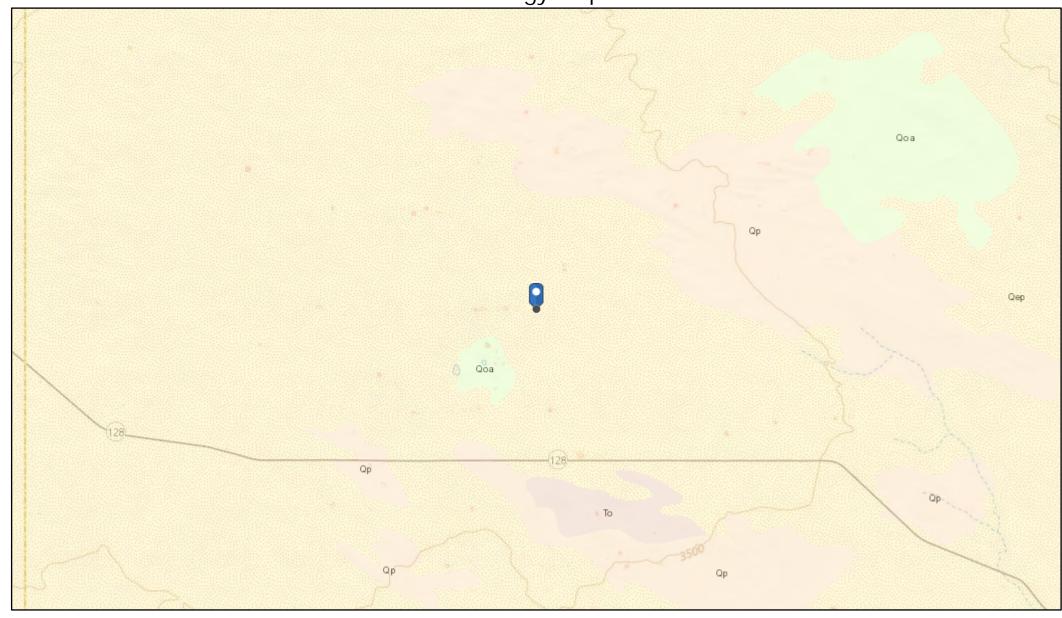
Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico Survey Area Data: Version 16, Sep 15, 2019





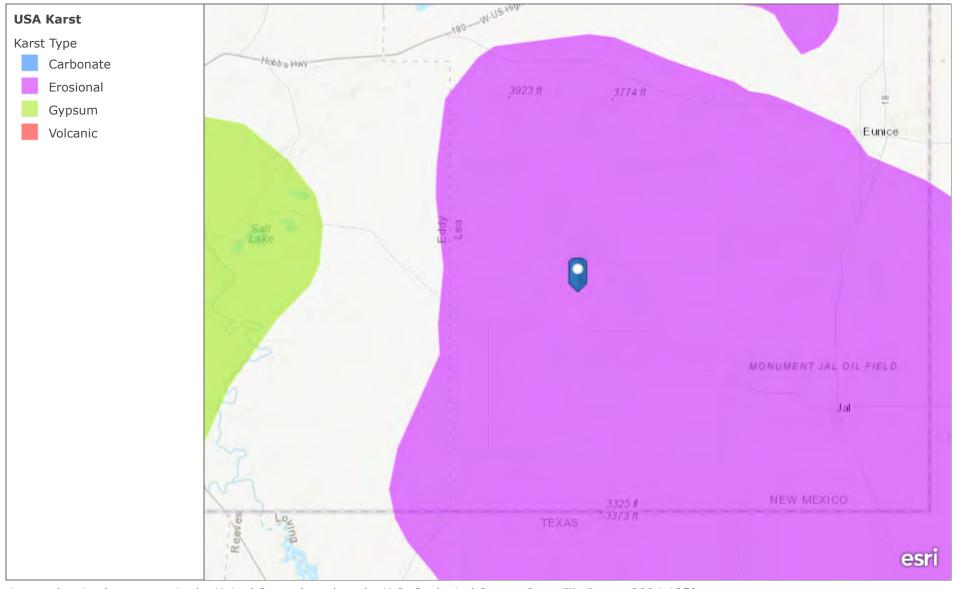


1/29/2020, 8:44:01 AM

1:144,448 0 1 2 4 mi 0 1.5 3 6 km

USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset USGS Global Ecosystems; U.S. Census

USA Karst



A map showing karst areas in the United States based on the U.S. Geological Survey Open-File Report 2004-1352 $\,$

Esri, HERE, Garmin, USGS, NGA, EPA, USDA, NPS | U.S. Geological Survey Open-File Report 2004-1352, Caves and Karst in the U.S. National Park Service, AGI Karst Map of the US.

ATTACHMENT 4

Natalie Gordon

From: Dhugal Hanton <vertexresourcegroupusa@gmail.com>

Sent: Monday, September 14, 2020 9:25 AM

To: Natalie Gordon

Subject: Fwd: Multiple Incidents: Sea Snake 35 State 1H 48-hr Notification of Liner Inspection

----- Forwarded message -----

From: Dhugal Hanton < vertexresourcegroupusa@gmail.com >

Date: Mon, Sep 14, 2020 at 9:24 AM

Subject: Multiple Incidents: Sea Snake 35 State 1H 48-hr Notification of Liner Inspection

To: < OCD.Enviro@state.nm.us >, < spills@slo.state.nm.us >

Cc: <tom.bynum@dvn.com>, <amanda.davis@dvn.com>, <wesley.mathews@dvn.com>, <Lupe.Carrasco@dvn.com>

All,

Please accept this email as 48-hr notification that Vertex Resource Services has scheduled a liner inspection to be conducted at Sea Snake 35 State 1H for the following releases:

1. NTO1431629657 (1RP-3418) - DOR: 11/09/2014

2. NCH1827837754 (1RP-5220) - DOR: 08/31/2018

3. NAB1909351591 (1RP-5415) - DOR: 03/10/2019

4. NRM1925536016 (1RP-5654) - DOR: 07/29/2019

This work will be completed on behalf of Devon Energy Production Company.

On Wednesday, September 16, 2020 at approximately 9:00 a.m., Kevin Smith of Vertex will be onsite to conduct a liner inspection. He can be reached at 575-988-0871. If you need directions to the site, please do not hesitate to contact him.

If you have any questions or concerns regarding this notification, please give me a call at 505-506-0040.

Thank you, Natalie

Natalie Gordon

Project Manager

Vertex Resource Group Ltd. 213 S. Mesa Street Carlsbad, NM 88220

P 575.725.5001 ext 709 C 505.506.0040

www.vertex.ca

Confidentiality Notice: This message and any attachments are solely for the intended recipient and may contain confidential or privileged information. If you are not the intended recipient, any disclosure, copying, use, or distribution of the information included in this message

and any attachment is prohibited. If you have received this communication in error, please notify us by reply email and immediately and permanently delete this message and any attachments. Thank you.

ATTACHMENT 5



Client:	Devon Energy Corporation	Inspection Date:	9/16/2020			
Site Location Name:	Sea Snake 35 State #001H	Report Run Date:	9/22/2020 8:32 PM			
Client Contact Name:	Amanda Davis	API#:	30-025-41625			
Client Contact Phone #:	(575) 748-0176					
Unique Project ID	-Sea Snake 35 State #001H	Project Owner:	Tom Bynum			
Project Reference #	Spill 03/10/2019	Project Manager:	Natalie Gordon			
Summary of Times						
Arrived at Site	9/16/2020 9:32 AM					
Departed Site	9/16/2020 3:02 PM					
Field Notes						

Field Notes

9:58 Conducting liner inspection to verify if any tears, cracks, holes, or any integrity deficiencies are present within the liner of the secondary containment. Pictures will be taken to show the spill in question was able to be contained within the secondary containment.

Next Steps & Recommendations

- 1 No tears, cracks, holes or any integrity deficiencies were identified in the liner inspection. No visible of signs of the incident in question escaping the secondary containment. Rainwater was present in the containment as shown in the inspection photos.
- 2 No further remediation activity is recommended at this time for this incident.



Site Photos





Liner within secondary containment (north wall)

Viewing Direction: South



Liner within secondary containment (west wall)

Viewing Direction: West



Liner within secondary containment (north wall)

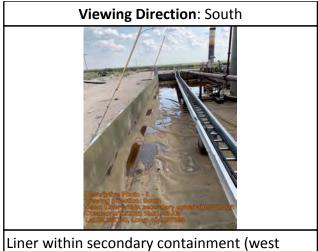
Viewing Direction: South

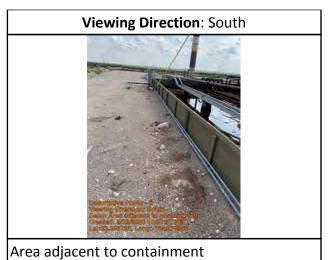


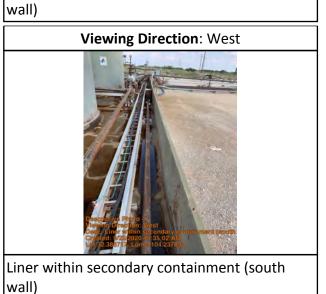
Liner within secondary containment (west wall)











Powered by www.krinkleldar.com

Run on 9/22/2020 8:32 PM UTC

. Released to Imaging: 2/3/2021 10:39:56 AM









Daily Site Visit Signature

Inspector: Kevin Smith

Signature: July July

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

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 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 11269

CONDITIONS OF APPROVAL

Operator:			OGRID:		Action Type:
DEVON ENERGY PRODUCTION COMPAN	333 West Sheridan Ave.	Oklahoma City, OK73102	6137	11269	C-141

OCD Reviewer	Condition
ceads	None