

October 1, 2025

EMNRD – Oil Conservation Division 506 W. Texas Artesia, New Mexico 88210

SUBJECT: Liner Inspection and Closure Report for Green Wave 20 CTB 3 – September 12, 2025 Site Visit

Incident ID: nAPP2519538516

Facility ID (Name): fAPP2130250168 (GREEN WAVE 20 CTB 3)

Facility Location: Unit F of Section 20, Township 26 South, Range 34 East, New Mexico

Facility GPS Coordinates: 32.032151, -103.493706

Lea County, New Mexico

Introduction

KLJ Engineering (KLJ) has prepared this report on behalf of Devon Energy Production Company, LP (Devon) to detail the recent liner inspection conducted at the Green Wave 20 CTB 3 (Site) on September 12, 2025, following the release of produced water that occurred on July 13, 2025.

Site Information and Background

The Site is located approximately 17.58 miles southwest of Jal, New Mexico, on Bureau of Land Management (BLM) federal property. The Site lies within Unit F of Section 20, Township 26 South, Range 34 East, in Lea County. KLJ conducted a liner inspection and associated site characterization in accordance with 19.15.29.11 and 19.15.29.12 of the New Mexico Administrative Code (NMAC) to assess the integrity of the containment system and evaluate any potential environmental impacts resulting from a release.

Release Description and Immediate Response

On July 13, 2025, a Devon lease operator discovered a water transfer pump seal leaking inside the secondary containment, resulting in the release of approximately 215 barrels (bbls) of produced water. Initial response actions were conducted by the operator and included source elimination, photographic documentation of the affected area, volume estimation, and an attempt to recover released fluids. Photographic documentation of the secondary containment, liner, tanks, and equipment where the release occurred is included in the Liner Inspection Field Notes & Photolog Report (Appendix A).

The July 13, 2025 release exceeded 25 bbls and was classified as a *major release* under 19.15.29.7(A)(1) NMAC, requiring enhanced notification procedures. In compliance with 19.15.29.10(A) NMAC, Devon provided verbal and email notification to the New Mexico Oil and Gas Division (NMOCD) Environmental Bureau Chief and the appropriate Division District Office within 24 hours of discovery. A Form C-141 for the incident was submitted on July 14, 2025, in accordance with 19.15.29.10(A)(2) and 19.15.29.10(B) NMAC. The Form C-141 confirmed prior notifications and provided updated release details, fulfilling major release reporting requirements.



Site Characterization Summary

The Site lies within Qe/Qp — Holocene to late Pleistocene, with a physiographic setting characteristic of southern High Plains Margin, reflecting alternating episodes of fluvial and aeolian deposition. Terrain for the Site and immediate surrounding area includes fan piedmonts, alluvial fans, and dunes at elevations ranging from 2,800 to 5,000 feet above mean sea level (amsl). Parent material consists of mixed alluvium and/or eolian sands derived from sedimentary rock. Soil within the Site tends to be well-drained, with negligible runoff and low water-holding capacity, with an average annual precipitation of 8 to 13 inches.

The USDA – Web Soil Survey (WSS) identifies the predominant soil type at the Site as the Pyote and Maljamar fine sands that is moderately deep or very deep, with surface textures ranging from loamy fine sand, fine sandy loam, loamy very fine sand, or gravelly sandy loam. Subsurface is a loamy fine sand, coarse sandy loam, fine sandy loam, or loam that averages less than 18 percent clay and less than 15 percent carbonates. Substratum includes a fine sandy loam or gravelly fine sandy loam with less than 15 percent gravel and with less than 40 percent calcium carbonate. Some layers high in lime or with caliche fragments may occur at depths of 20 to 30 inches.

Vegetation reflects a grassland community, consisting of black grama, dropseeds, and bluestems with scattered broom snakeweed, sand sage, shinnery oak, and mesquite. The vegetation reflects a drought-tolerant, arid-adapted community, with grass cover varying based on grazing intensity and precipitation patterns. The Site supports a mix of warm-season perennials adapted to sandy soils and shallow rooting depths, forming a stable plant community under proper grazing management.

No surface water features were identified within 300 feet of the Site. The nearest significant watercourse is 1.59 miles northeast; the closest playa lake and wetland is 1.73 miles northeast (USFWS NWI, 2025). These distances comply with the requirements of 19.15.29.12(C)(4) NMAC.

Per the New Mexico Office of the State Engineer (NMOSE) Points of Diversion (POD) Map, the nearest POD is C-04583, located 1.72 miles northeast of the Site. The POD is identified as a temporary borehole used to determine depth to groundwater. Well records indicate that the temporary borehole was drilled to a depth of 55 ft below ground surface (bgs), and no groundwater was encountered. The nearest freshwater well used for stock watering purposes, POD C-02295, is located 2.21 miles northwest of the Site.

The Site is not located within a designated karst potential zone. The nearest potential karst zone, identified as a medium karst zone, is located 1.93 miles to the northwest. The Site is in a FEMA flood hazard area identified as FEMA Zone D (undetermined hazard); the nearest identified FEMA flood hazard area, classified as Zone A, is 13.7 miles to the west.

Additional information detailing the results of the Site characterization findings can be found in **Appendix B**.

Closure Criteria

Table 1 summarizes key Site and Incident information relevant to closure evaluation, as required under 19.15.29.12 NMAC. This includes details such as release source, location, containment status, and site-



specific features that may influence closure requirements. While contamination thresholds, sampling depths, and applicable concentration limits are not listed in this table, the information provided supports regulatory assessment of whether the release meets criteria for closure. In accordance with NMAC 19.15.29.11(A)(5)(b), if the release occurred within lined, impermeable secondary containment with no evidence of escape, it may qualify for reduced remediation requirements or a No Further Action (NFA) determination.

Table 1: Release Information and Closure Criteria Limits							
	Depth to Ground Water Determination: < 50 feet bgs						
Site Name	Green Wave 20 CTB 3	Company	Devon Energy Production Company, LP				
Facility ID /ADI Number	fAPP2130250168	PLSS	F-20-26S-34E				
Facility ID/API Number	TAPP2130250168	GPS	32.032151, -103.493706				
Lease ID	NMNM138037	Land Status	Federal				
Incident ID	nAPP2519538516	Date Of Release	7/13/2025				
Source of Release	Seal on WTP Failure	Volume Released/Recovered	215 bbls/215 bbls pw				
Specific Features	DTGW Temporary Borehole: depth > 55 ft bgs; > 0.5-mile radius from facility; no karst potential; no surface water in proximity; FEMA Zone D						

Liner Inspection Activities

KLJ Environmental Specialists attempted to conduct a Site visit on August 21, 2025, to perform a liner inspection. Prior to the inspection, notification was provided to Devon via email on August 18, 2025, with official notification submitted through the Operator's Electronic Permitting and Payment Portal on the same day, in accordance with NMAC 19.15.29.11(A)(5)(a)(iii). On arrival, however, the liner was observed to have a presence of surface salt crystallization residue, making the liner unsuitable for inspection.

On August 22, 2025, an official notification was submitted to the NMOCD via email, stating that the August 21 inspection was not conducted due to the unsuitable condition of the liner. The notification also indicated that the inspection would be rescheduled once the liner had been cleaned. A copy of this correspondence is provided in Appendix C.

A second official notification was submitted to the portal on September 9, 2025, for the successful inspection conducted on September 12, 2025. A copy of this notification is also provided in **Appendix C**. On September 12, 2025, KLJ successfully completed the inspection following the liner being cleaned. The inspection included assessments for perforations, rips, tears, or signs of weathering that could impact containment integrity. No issues were noted that would warrant repair or replacement. Photographic documentation is provided in the Liner Inspection Field Notes & Photolog Report (**Appendix A**).

Conclusion

Based on the findings of the liner inspection, KLJ concludes that liner integrity is adequate to contain fluids and there are no further actions required in relation to incident nAPP2519538516.

Based on the site assessment and activities conducted, Devon respectfully requests closure of incident nAPP2519538516 with a No Further Action (NFA) determination.



Submitted and prepared by:

KLJ Engineering

Written By

Name: Monica Peppin

Title: Environmental Specialist II

Reviewed By

Name: Will Harmon, P.G.

Title: Environmental Project Manager

Signature:

Included Appendices

Appendix A – LINER INSPECTION FIELD NOTES & PHOTOLOG REPORT

Appendix B - CLOSURE CRITERIA RESEARCH

Appendix C – CORRESPONDENCE



APPENDIX A

LINER INSPECTION FIELD NOTES & PHOTOLOG REPORT

Field Notes & Photolog Report



Site & Incident Information

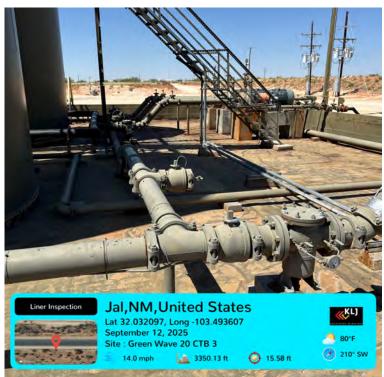
Client:	Devon Energy	Date:	9.12.2025
Site:	Green Wave 20 CTB 3	Arrival Time:	10:20 AM
Incident ID:	nAPP2519538516		Tron.
Client Contact:	Jim Raley		
Land Status:	BLM	devon GREEN WAVE 20 CT	83
County:	Lea	LEA COUNTY NEW	HAE 1645' FNL & 2060' FWL Photo of MCKICO 94" LONG, W 103" 29' 37.598"
Lease ID:	NMNM114991	LAT. N 32" 01" 54.03 DEVON CORPORAT	ECONTACT: 800-361-3377 Lease Sign
Facility ID:	fAPP2130250168	Liner Inspection Jal, NM, United	Character of the control of the cont
32.032	2151, -103.493706	Lat 32.032224, Long -10 September 12, 2025 Site : Green Wave 20 CTI	3.493580

Observations and Field Notes

- 10:20 AM Arrived on site and completed JHA; checked surroundings for immediate hazards, check in with supervisor of arrival on site.
- 10:30 AM Begin inspection by walking perimeter of containment.
- 10:34 AM Checked for punctures, rips, abrasions, and stress indicators for signs of any liner degradation.
- 10:42 AM Inspected liner for weathering, brittleness, and indications of separating.
- 10:45 AM Liner surface appears structurally sound. No visible perforations, tears, or areas of concern.
- 10:51 AM Photographs collected from all cardinal directions, between tanks, and equipment at multiple angles.

KLI Engineering | www.kljeng.com | Environmental Compliance Services

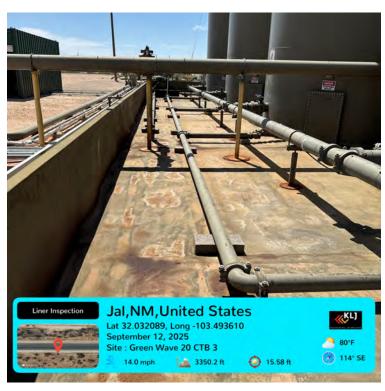
KLJ



Facing northwest from east wall viewing liner near equipment and piping.



Liner between tanks from north end facing south under catwalk.

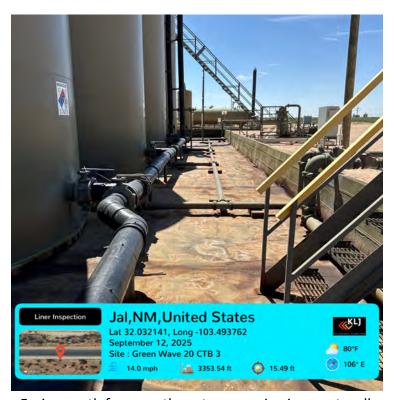


Facing south from the northeast corner viewing liner on east wall.

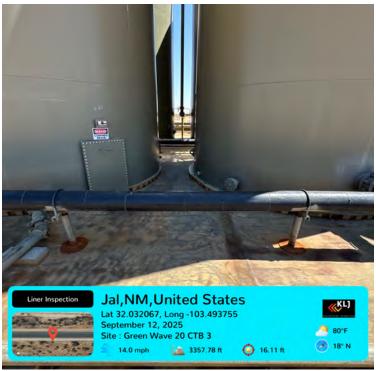


Northeast view of liner near transfer pumps and piping from west side.

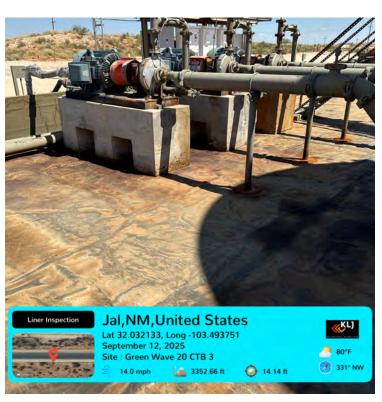
K^PLJ⁴



Facing south from northwest corner viewing west wall and liner under equipment and piping.



Between tanks facing east from west side.



Liner under equipment on north side of containment.

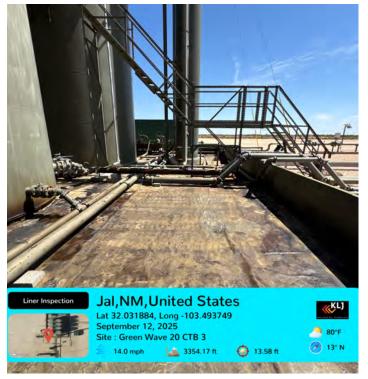


South end of containment between facing east.

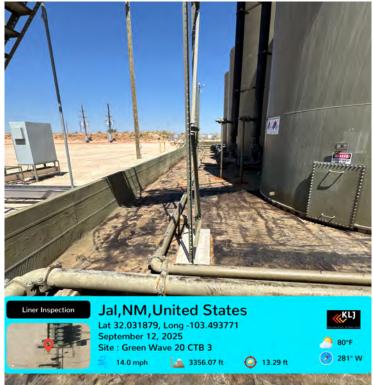
Kregija



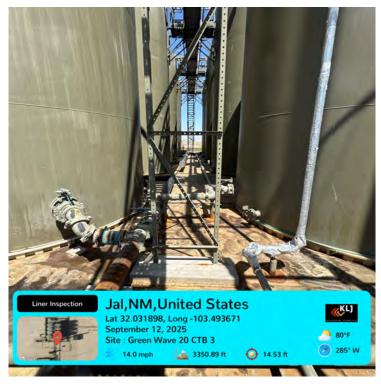
Liner between tanks facing east from west side.



Liner on west wall facing south.



Liner on south wall facing west from southeast corner.



Liner between tanks facing south from north side under catwalk.

K^{Pa}L¹⁰ of t



Facing west viewing liner on north side of containment.



Facing west on south wall viewing liner near equipment in containment.



Liner on east wall facing north from south end.

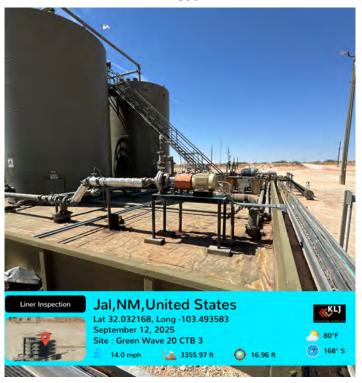


Liner near southeast corner facing west.

K^{raz} 11 of 14



Liner between tanks from east side facing west.



Liner facing west near transfer pumps on north end of containment.



Liner between tanks near middle area on east side facing west.



Additional Notes & Recommendations

- Visual observation supported with photo documentation.
- No issues identified; liner integrity confirmed and meets closure criteria.
- Upload photos and notes to project folder for final reporting.
- Submit final closure report for review to applicable regulatory agencies.

Acknowledgement & Signature

Date: September 12, 2025 Technician: Monica Peppin

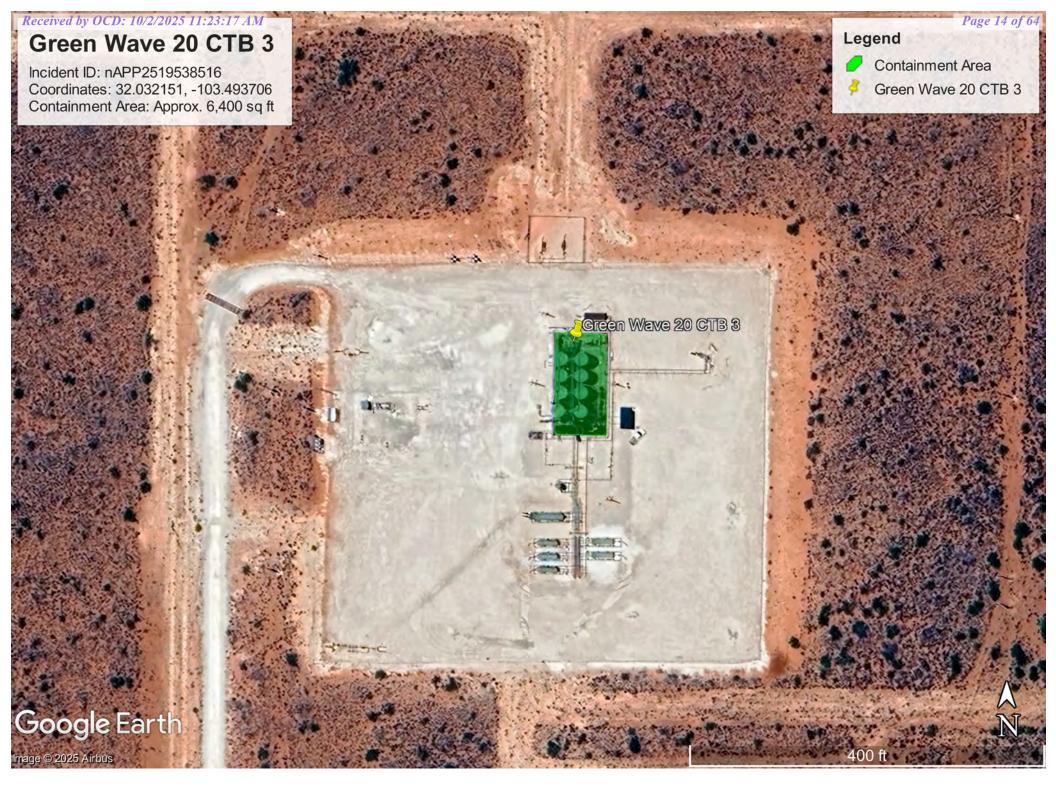
Departure

Time: 11:54 AM Signature:



APPENDIX B

CLOSURE CRITERIA RESEARCH



Green Wave 20 CTB 3 Nearest DTGW Pod Map



9/17/2025, 1:50:28 PM

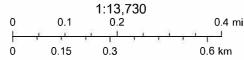
Pending

Override 1

Active

GIS WATERS PODs OSE District Boundary

New Mexico State Trust Lands
Subsurface Estate



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, Maxar

File No. C-4583

NEW MEXICO OFFICE OF THE STATE ENGINEER



WR-07 APPLICATION FOR PERMIT TO DRILL A WELL WITH NO WATER RIGHT



(check applicable box):

	Fo	or fees, see State Engineer we	ebsite: http://www.os	e.state.nm.us/	
Purpose:		Pollution Control And/Or Recovery		Ground Sou	rce Heat Pump
☐ Exploratory Well (Pump test)		Construction Site/Public Works Dewatering	•	Other(Descri	ibe): Groundwater Determination
☐ Monitoring Well		Mine Dewatering			
A separate permit will be required	to app	ly water to beneficial use r	regardless if use i	s consumptive	or nonconsumptive.
☐ Temporary Request - Request	ed Sta	rt Date:	- 11	Requested End	Date:
Plugging Plan of Operations Subn	nitted?	■ Yes □ No			
. APPLICANT(S) Name:			Name:		
Lucid Energy Group			A service.		
Contact or Agent:	chec	k here if Agent	Contact or Age	nt:	check here if Agent
Michael Gant					
Mailing Address: 201 S 4TH St.			Mailing Address	S:	
City: Artesia			City:		
State: NM	Zip C	ode: 88210	State:		Zip Code:
Phone: +1(575) 810 6144 Phone (Work):		Home Cell	Phone: Phone (Work):		☐ Home ☐ Cell
E-mail (optional): ngant@lucid-energy.com			E-mail (optiona):	
		R OSE INTERNAL USE		ermit, Form WR-	07, Rev 11/17/16
		ns Description (optional):	Trn. No.:	1338'	Receipt No.: 2-4400
		p-Basin:	MON	PCW/LOG Due	- 1

2. WELL(S) Describe the well(s) applicable to this application.

(Lat/Long - WGS84).			tate Plane (NAD 83), UTM (NAD 83), or Latitude/Longitude a PLSS location in addition to above.
☐ NM State Plane (NAD83) ☐ NM West Zone ☐ NM East Zone ☐ NM Central Zone		JTM (NAD83) (Mete]Zone 12N]Zone 13N	Ers) Lat/Long (WGS84) (to the nearest 1/10 th of second)
Well Number (if known):	X or Easting or Longitude:	Y or Northing or Latitude:	Provide if known: -Public Land Survey System (PLSS) (Quarters or Halves , Section, Township, Range) OR - Hydrographic Survey Map & Tract; OR - Lot, Block & Subdivision; OR - Land Grant Name
C- 4583 POD1(TW-1)	103°27'54.67"W	32° 2'15.69"N	SW SW Sw Sec. 15T26S R34E, NMPM
NOTE: If more well location Additional well descriptions	s need to be describ	ed, complete form	WR-08 (Attachment 1 - POD Descriptions) If yes, how many
Other description relating well	to common landmark	s, streets, or other:	
Well is on land owned by: Bure	eau of Land Managen	nent	
Well Information: NOTE: If n	nore than one (1) we	Il needs to be des	cribed, provide attachment. Attached? Yes No
Approximate depth of well (fee	3.41.5		Outside diameter of well casing (inches): 2.375
Driller Name: Jackie D. Atkins			riller License Number: 1249
ADDITIONAL STATEMENTS	OR EXPLANATION	S	
Temporary well will be in place augers as tremie to land a slurr	for minimum of 72 ho y of Portland TYPE I/I	urs. If ground water I Neat cement less	aterial will be placed to total depth and secured at surface. is encountered the boring will be plugged immediately using than 6.0 gallons of water per 94 lb. sack. If no water is e and plugged using hydrated bentonite.

FOR OSE INTERNAL USE

File No.: C - 4583 Trn No.: 713387
Page 2 of 3

Application for Permit, Form WR-07

4. SPECIFIC REQUIREMENTS: The applicant must include the following, as applicable to each well type. Please check the appropriate boxes, to indicate the information has been included and/or attached to this application:

Exploratory:	Pollution Control and/or Recovery:	Construction	Mine De-Watering:
☐ Include a	☐ Include a plan for pollution	De-Watering:	☐ Include a plan for pollution
description of	control/recovery, that includes the	☐ Include a description of the	control/recovery, that includes the following:
any proposed pump test, if	following: A description of the need for the	proposed dewatering operation,	A description of the need for mine dewatering.
applicable.	pollution control or recovery operation.	☐ The estimated duration of	The estimated maximum period of time
514 335	☐ The estimated maximum period of	the operation,	for completion of the operation.
	time for completion of the operation.	☐ The maximum amount of	The source(s) of the water to be diverted.
	☐ The annual diversion amount. ☐ The annual consumptive use	water to be diverted,	The geohydrologic characteristics of the
	amount.	A description of the need for the dewatering operation,	aquifer(s). The maximum amount of water to be
	☐ The maximum amount of water to be	and,	diverted per annum.
	diverted and injected for the duration of	A description of how the	☐The maximum amount of water to be
	the operation.	diverted water will be disposed	diverted for the duration of the operation.
Monitoring:	☐ The method and place of discharge. ☐ The method of measurement of	of. Ground Source Heat Pump:	☐The quality of the water. ☐The method of measurement of water
☐ Include the	water produced and discharged.	Include a description of the	diverted.
reason for the	☐ The source of water to be injected.	geothermal heat exchange	The recharge of water to the aquifer.
monitoring	☐ The method of measurement of	project,	Description of the estimated area of
well, and,	water injected.	☐ The number of boreholes	hydrologic effect of the project.
☐ The duration	☐ The characteristics of the aquifer. ☐ The method of determining the	for the completed project and	The method and place of discharge.
of the planned	resulting annual consumptive use of	required depths. The time frame for	An estimation of the effects on surface water rights and underground water rights
monitoring.	water and depletion from any related	constructing the geothermal	from the mine dewatering project.
	stream system.	heat exchange project, and,	☐A description of the methods employed to
	Proof of any permit required from the	The duration of the project.	estimate effects on surface water rights and
	New Mexico Environment Department. An access agreement if the	Preliminary surveys, design data, and additional	underground water rights. Information on existing wells, rivers,
	applicant is not the owner of the land on	information shall be included to	springs, and wetlands within the area of
	which the pollution plume control or	provide all essential facts	hydrologic effect.
	recovery well is to be located.	relating to the request.	
	pregoing statements are true to the best of	rint Name(s) (my, our) knowledge and belief.	STATE STATES
Mgant		_	
Applicant Signa	ture	Applicant Signature	The second second
	ACTION	OF THE STATE ENGINEER	Part and 3
		This application is:	1010 000 00 00 00 00 00 00 00 00 00 00 0
	approved		7 denied
provided it is r	not exercised to the detriment of any others	having existing rights, and is not c	denied ontrary to the conservation of water in New
Mexico nor de	trimental to the public welfare and further s	ubject to the attached conditions o	f approval.
Witness my han	nd and seal this 20 day of 1	Jec 20 21.	for the State Engineer,
1-1-	P D'AL TO	7 =	GSE OF NOV 17 AVZ1 *43/53
John	N. D ANTONIO Jr.,	State Engineer	
	K Darel	Valle	usa Pararla
By: Signature	Netwich	Print	Man Jakki -
\ \ \	La D	Print	1 1
Title: VV ()	ITEV TROUVE	ses IV la	rader 1.
Print			9
	FOR OS	SE INTERNAL USE	Application for Permit, Form WR-07
	File No.	C-4583	Tm No.: 713387

NEW MEXICO STATE ENGINEER OFFICE PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL (Continued)

- 17-7 The Permittee shall utilize the highest and best technology available to ensure conservation of water to the maximum extent practical.
- 17-B The well shall be drilled by a driller licensed in the State of New Mexico in accordance with 72-12-12 NMSA 1978. A licensed driller shall not be required for the construction of a well driven without the use of a drill rig, provided that the casing shall not exceed two and three-eighths (2 3/8) inches outside diameter.
- 17-C The well driller must file the well record with the State Engineer and the applicant within 30 days after the well is drilled or driven. It is the well owner's responsibility to ensure that the well driller files the well record.

 The well driller may obtain the well record form from any District Office or the Office of the State Engineer website.
- 17-P The well shall be constructed, maintained, and operated to prevent inter-aquifer exchange of water and to prevent loss of hydraulic head between hydrogeologic zones.
- 17-Q The State Engineer retains jurisdiction over this permit.
- 17-R Pursuant to section 72-8-1 NMSA 1978, the permittee shall allow the State Engineer and OSE representatives entry upon private property for the performance of their respective duties, including access to the ditch or acequia to measure flow and also to the well for meter reading and water level measurement.

Trn Desc: C 04583 POD1 File Number: C 04583
Trn Number: 713387

NEW MEXICO STATE ENGINEER OFFICE PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL (Continued)

LOG The Point of Diversion C 04583 POD1 must be completed and the Well Log filed on or before 12/20/2022.

IT IS THE PERMITTEES RESPONSIBILITY TO OBTAIN ALL AUTHORIZATIONS AND PERMISSIONS TO DRILL ON PROPERTY OF OTHER OWNERSHIP BEFORE COMMENCING ACTIVITIES UNDER THIS PERMIT.

ACTION OF STATE ENGINEER

Notice of Intention Rcvd: Date Rcvd. Corrected:
Formal Application Rcvd: 11/17/2021 Pub. of Notice Ordered:
Date Returned - Correction: Affidavit of Pub. Filed:

This application is approved provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare of the state; and further subject to the specific conditions listed previously.

Witness my hand and seal this 20 day of Dec A.D., 2021

John R. D Antonio, Jr., P.E., State Engineer

KASHYAP PAREKH

7012

Trn Desc: C 04583 POD1 File Number: C 04583

Trn Number: <u>713387</u>

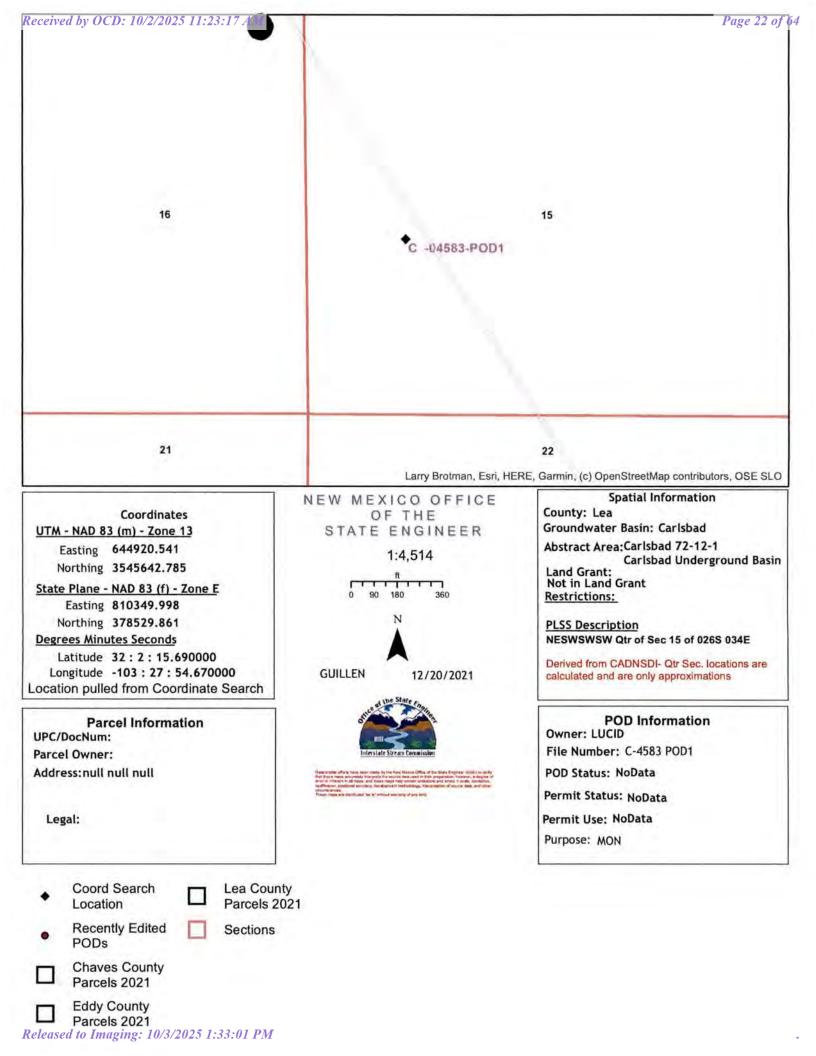
NEW MEXICO STATE ENGINEER OFFICE PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL

- 17-16 Construction of a water well by anyone without a valid New Mexico Well Driller License is illegal, and the landowner shall bear the cost of plugging the well by a licensed New Mexico well driller. This does not apply to driven wells, the casing of which does not exceed two and three-eighths inches outside diameter.
- 17-1A Depth of the well shall not exceed the thickness of the valley fill.
- 17-4 No water shall be appropriated and beneficially used under this permit.
- 17-6 The well authorized by this permit shall be plugged completely using the following method per Rules and Regulations Governing Well Driller Licensing, Construction, Repair and Plugging of Wells; Subsection C of 19.27.4.30 NMAC unless an alternative plugging method is proposed by the well owner and approved by the State Engineer upon completion of the permitted use. All pumping appurtenance shall be removed from the well prior to plugging. To plug a well, the entire well shall be filled from the bottom upwards to ground surface using a tremie pipe. The bottom of the tremie shall remain submerged in the sealant throughout the entire sealing process; other placement methods may be acceptable and approved by the state engineer. The well shall be plugged with an office of the state engineer approved sealant for use in the plugging of non-artesian wells. The well driller shall cut the casing off at least four (4) feet below ground surface and fill the open hole with at least two vertical feet of approved sealant. The driller must fill or cover any open annulus with sealant. Once the sealant has cured, the well driller or well owner may cover the seal with soil. A Plugging Report for said well shall be filed with the Office of the State Engineer in a District Office within 30 days of completion of the plugging.

Trn Desc: C 04583 POD1 File Number: C 04583
Trn Number: 713387

page: 1





United States Department of the Interior

BUREAU OF LAND MANAGEMENT Carlsbad Field Office 620 E. Greene St. Carlsbad, NM 88220-6292

In Reply Refer To: 3162.4 (NM-080) NMNM094118

December 7, 2021

Lucid Energy Delaware 201 South 4th Street Artesia, NM 88210

Re: Rattlesnake SWD

NRM1929839706 Section 16, T26S-R34E 32.037691,-103.465185

Lea County, New Mexico

To Whom It May Concern:

The above well location and the immediate area was impacted from a recent spill event. In order to fully delineate the impacted site, advanced soil boring will need to take place below ground surface via a truck-mounted rig with hallow stem auger equipment. The boring will be secured and left open for 72 hours at which time Lucid Energy Delaware will assess for the presence or absence of groundwater. The Bureau of Land Management (landowner) authorizes the access of the surface area to accomplish the determination of depth to groundwater and full delineation of this site.

If you have any questions contact Crisha Morgan, at 575-234-5987.

Sincerely,

Crisha Morgan Crisha A. Morgan

Certified Environmental Protection Specialist



Released to Imaging: 10/3/2025 1:33:01 PM

Mike A. Hamman, P.E. State Engineer



Roswell Office 1900 WEST SECOND STREET ROSWELL, NM 88201

STATE OF NEW MEXICO OFFICE OF THE STATE ENGINEER

Trn Nbr: 713387 File Nbr: C 04583 Well File Nbr: C 04583 POD1

Feb. 14, 2022

MICHAEL GANT LUCID ENERGY GROUP 201 S 4TH ST ARTESIA, NM 88210

Greetings:

The above numbered permit was issued in your name on 12/20/2021.

The Well Record was received in this office on 02/04/2022, stating that it had been completed on 01/04/2022, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 12/20/2022.

If you have any questions, please feel free to contact us.

Sincerely,

Azucena Ramirez (575)622-6521

drywell

John R. D Antonio, Jr., P.E. State Engineer



Roswell Office 1900 WEST SECOND STREET ROSWELL, NM 88201

STATE OF NEW MEXICO OFFICE OF THE STATE ENGINEER

Trn Nbr: 713387 File Nbr: C 04583

Dec. 20, 2021

MICHAEL GANT LUCID ENERGY GROUP 201 S 4TH ST ARTESIA, NM 88210

Greetings:

Your approved copy of the above numbered permit to drill a well for non-consumptive purposes is enclosed. You must obtain an additional permit if you intend to use the water. It is your responsibility to provide the contracted well driller with a copy of the permit that must be made available during well drilling activities.

Carefully review the attached conditions of approval for all specific permit requirements.

- * If use of this well is temporary in nature and the well will be plugged at the end of the well usage, the OSE must initially approve of the plugging. If plugging approval is not conditioned in this permit, the applicant must submit a Plugging Plan of Operations for approval prior to the well being plugged. The Plugging Record must be properly completed and submitted to the OSE within 30 days of the well plugging.
- * If the final intended purpose and condition requires a well ID tag and meter installation, the applicant must immediately send a completed meter report form to this office.
- * The well record and log must be submitted within 30 days of the completion of the well or if the attempt was a dry hole.
- * This permit expires and will be cancelled if no well is drilled and/or a well log is not received by the date set forth in the conditions of approval.

Appropriate forms can be downloaded from the OSE website www.ose.state.nm.us.

Sincerel

Claudia Cuillen (575)622-6521

Enclosure

explore



PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

Well	Engineer Well Number: C-4	(Michael Gant)				Phone	No.: 575	5-810-6144
	ng address: 201 S 4th St.					· none		
City:	Artesia		State:			NM		Zip code: 88210
IL W	ELL PLUGGING INFOR	MATION:						
1)	Name of well drilling co	mpany that plug	ged well:	lackie D.	Atkins (Atkins En	gineering	Associates Inc.)
2)	New Mexico Well Drille	r License No.:	1249				_ Expir	ation Date: 04/30/23
3)	Well plugging activities Lupe Leyba	were supervised	by the follo	wing wel	l driller	(s)/rig suj	pervisor(s	s):
4)	Date well plugging began	n: 1/21/2022		Date	well pl	ugging co	ncluded:	1/21/2022
5)	GPS Well Location:	Latitude: Longitude:	32 103	_deg,	2 27	min, _ min, _	15.69 54.67	_ sec _ sec, WGS 84
6)	Depth of well confirmed by the following manner	at initiation of p weighted tape	lugging as:	55.2	ft be	low grou	nd level ((bgl),
7)	Static water level measur	red at initiation o	of plugging:	n/a	ft bį	gl		
8)	Date well plugging plan	of operations wa	s approved	by the Sta	ate Eng	ineer: _1	2/20/202	1_
9)	Were all plugging activit differences between the a							If not, please described ditional pages as needed):
							114	EON FLB 4 2022 = LO 4
								Colt and the second and the

Version: September 8, 2009

Page 1 of 2

10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of <u>Material Placed</u> (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
	0-10" Hydrated Bentonite	Approx. 18 gallons	15 gallons	Augers	
	10'-55' Drill Cuttings	Approx. 71 gallons	71 gallons	Boring	
_					
	l	MULTIPLY cubic feet x 7 cubic yards x 20	BY AND OBTAIN 7.4805 = gallons 1.97 = gallons	LSIN!	VEB 4 2023 McD/43

III. SIGNATURE:

I,	Jackie D. Atkins	, sa	y that	1	am	familiar	with	the	rules	of th	ne Office	of the	State
E	ngineer pertaining to the plugging of wells and that												
ar	re true to the best of my knowledge and belief.									-			

Jack Atkins	2/1/2022
Signature of Well Driller	Date

Version: September 8, 2009 Page 2 of 2



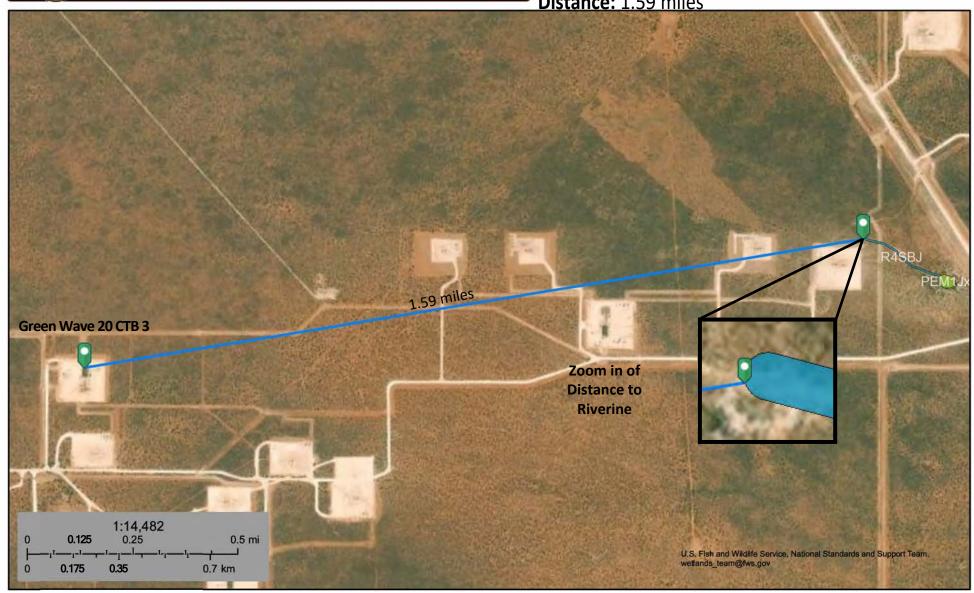
12 3	CONDS 38.03 N 58.70 W DMARKS – PLSS (S	DEPTH (FT)	NAME OF WELL DRI Atkins Eng	ERE AVAILABLE	ZIP
50 50 50 50 50 50 50 50 50 50 50 50 50 5	38.03 N 58.70 W DMARKS – PLSS (S	DEPTH (FT)	QUIRED: WGS 84 WNSHJIP, RANGE) WHI NAME OF WELL DRI Atkins Eng	ERE AVAILABLE	
ckie D. Atkins IPLETED WELL (FT) IPLETED WELL (FT	BORE HOLE E	DЕРТН (FT)	NAME OF WELL DRI Atkins Eng	ILLING COMPANY	
IPLETED WELL (FT) ITY WEll material SHALLOW (UN ADDITIVES - S	55		Atkins Eng		
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ADDITIVES – S	NCONFINED)		DEPTH WATER FIRE	ST ENCOUNTERED (FT) n/a	
			STATIC WATER LEV	/EL IN COMPLETED WE n/a	LL (FT)
CARLETOOL	SPECIFY:				
CADLE TOOL	▼ OTHER-	SPECIFY:	Hollo	w Stem Auger	
CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)		NG CTION PE (diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLO SIZ (incl
oring- HSA	(and toubing		**	-	
T ANNULAR SEAL N		30	AMOUNT	метно	
EL PACK SIZE-RAN	NGE BY INTERV	/AL	(cubic feet)	PLACEN	IENT
			SEBITE	2 × 8022 × 15×4	79
	POD NO	POD NO.		WR-20 WELL RECORD	WR-20 WELL RECORD & LOG (Version 06/30

	DEPTH (feet bgl)		COLOR AND TYPE OF MATERIAL ENCOUNT	ERED - WATER	ESTIMATED YIELD FOR
	FROM TO	THICKNESS (feet)	INCLUDE WATER-BEARING CAVITIES OR FRACTI (attach supplemental sheets to fully describe all		? WATER-
Ī	0 6	6	Sand, well graded, poorly sorted, subangular gravel, b	rown, dry Y ✓	N
1	6 13.5	7.5	Caliche, poorly-cemented, fine-grained sandy matrix, grave	l, light tan, dry Y	N
	13.5 55	41.5	Sand, well graded, well sorted, subangular gravel, light b	rown, moist Y ✓	N
				Y	N
				Y	N
, [Y	N
				Y	N
5				Y	N
				Y	N
				Y	N
				Y	N
				Y	N
HIDROGEOLOGIC LOG OF WELL				Y	N
				Y	N
f [Y	N
				Y	N
				Y	N
				Y	N
				Y	N
				Y	N
				Y	N
		AIR LIFT	OF WATER-BEARING STRATA: BAILER OTHER - SPECIFY:	TOTAL ESTIMAT WELL YIELD (g	
100		ST RESULTS - ATT	ACH A COPY OF DATA COLLECTED DURING WELL TE ME, AND A TABLE SHOWING DISCHARGE AND DRAW	STING, INCLUDING DISCHAI DOWN OVER THE TESTING F	RGE METHOD, PERIOD.
t, ard dut en vid	MISCELLANEOUS	fe	emporary well materials removed and the soil boring bac et below ground surface, then hydrated bentonite chips f ogs adapted from WSP on-site geologist.	ckfilled using drill cuttings fro from ten feet below ground su	om total depth to ten
IESI, MIG SULEN		fe L F DRILL RIG SUPE	et below ground surface, then hydrated bentonite chips fogs adapted from WSP on-site geologist. EVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF	rom ten feet below ground su	om total depth to ten
3. IEST, MIC SOLEN	PRINT NAME(S) O Shane Eldridge, Ca THE UNDERSIGNI CORRECT RECOR	F DRILL RIG SUPE meron Pruitt, Carr ED HEREBY CERTI D OF THE ABOVE I	et below ground surface, then hydrated bentonite chips fogs adapted from WSP on-site geologist. EVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF	WELL CONSTRUCTION OTHE E AND BELIEF, THE FOREGO	om total depth to ten rface to surface. ER THAN LICENSEE ING IS A TRUE ANI E STATE ENGINEE
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o. Signature 3. test; Mc suren	PRINT NAME(S) Of Shane Eldridge, Carrier undersignic correct record and the permit ack Atkins	F DRILL RIG SUPER ED HEREBY CERTING OF THE ABOVE IN HOLDER WITHIN THE ABOVE IN HIS WITHIN THE ABOVE IN HOLDER WITHIN THE W	et below ground surface, then hydrated bentonite chips fogs adapted from WSP on-site geologist. EVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF elo Trevino FIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE OBSCRIBED HOLE AND THAT HE OR SHE WILL FILE TO DAYS AFTER COMPLETION OF WELL DRILLING: Jackie D. Atkins ER / PRINT SIGNEE NAME	WELL CONSTRUCTION OTHER E AND BELIEF, THE FOREGORIS WELL RECORD WITH THE	om total depth to ten rface to surface. ER THAN LICENSEE ING IS A TRUE ANI E STATE ENGINEER

Green Wave 20 CTB 3

Nearest Watercourse: Riverine

Distance: 1.59 miles



September 9, 2025

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond



Lake



Riverine

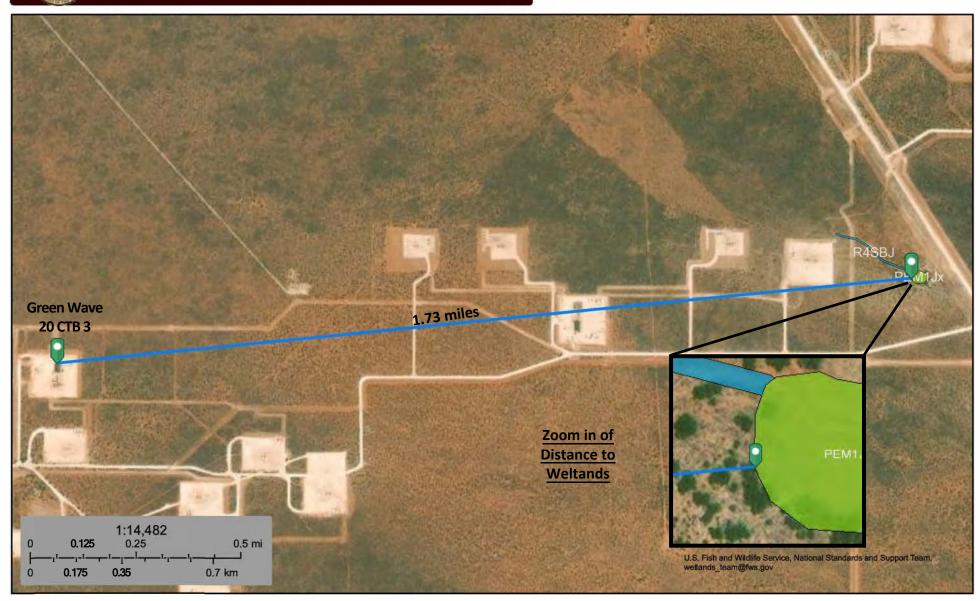
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



U.S. Fish and Wildlife Service

National Wetlands Inventory

Green Wave 20 CTB 3 Wetlands Distance: 1.73 miles



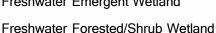
September 9, 2025

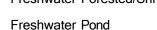
Wetlands

EStuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland







Lake

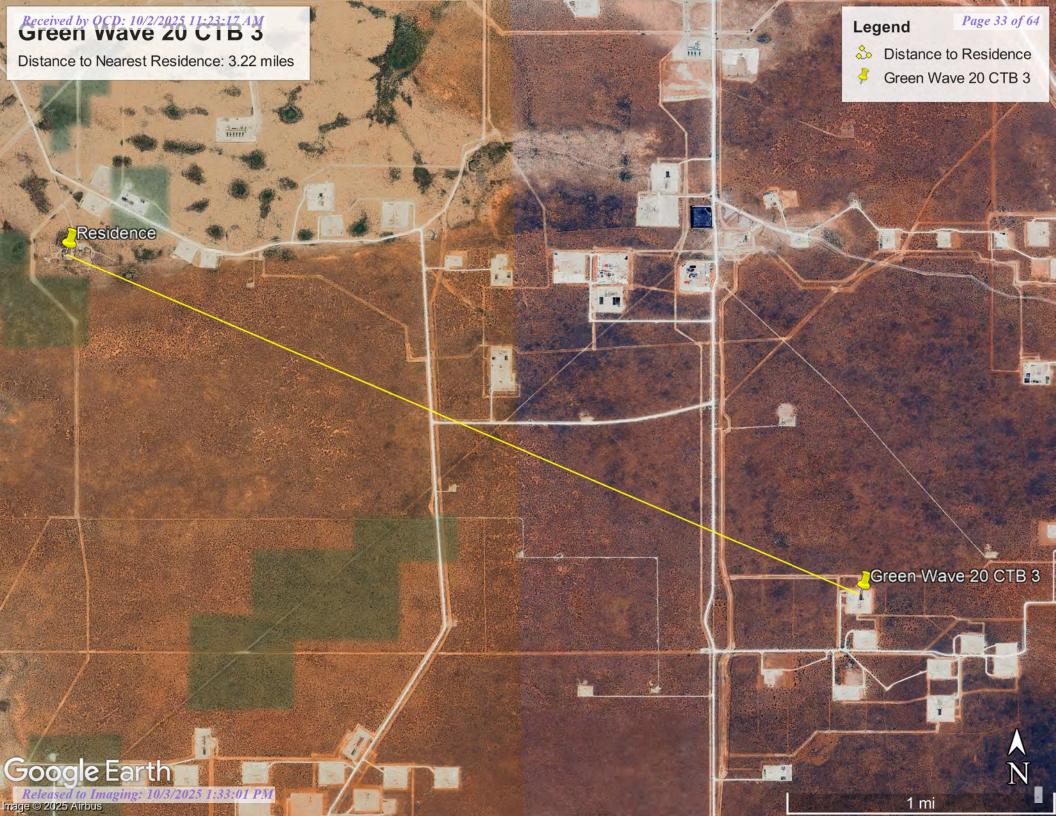


Other

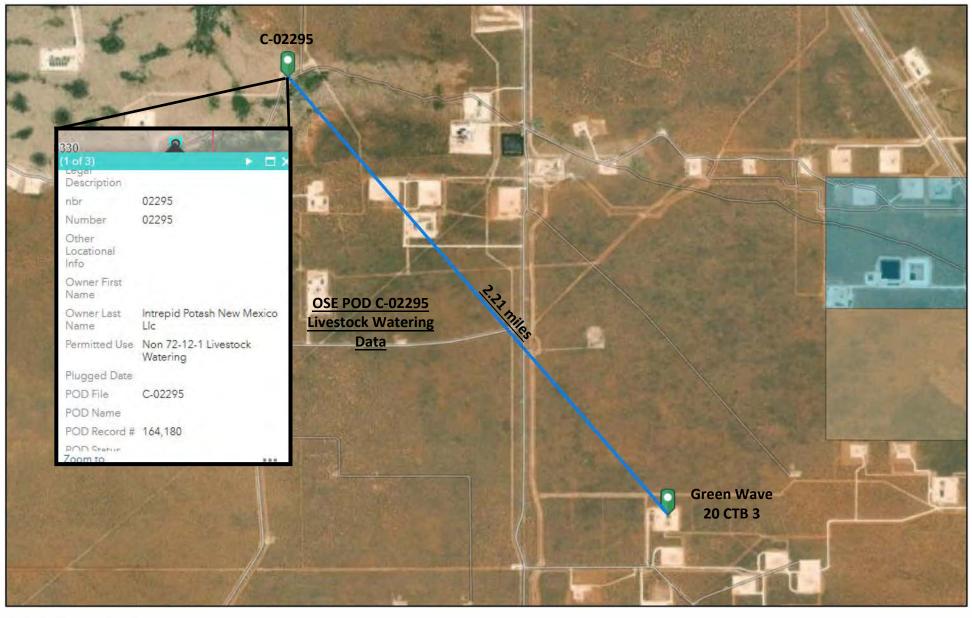


Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



Green Wave 20 CTB 3 - Nearest Domestic Well Map



9/17/2025, 5:28:34 PM

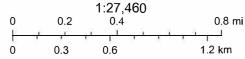
Override 1

OSE District Boundary

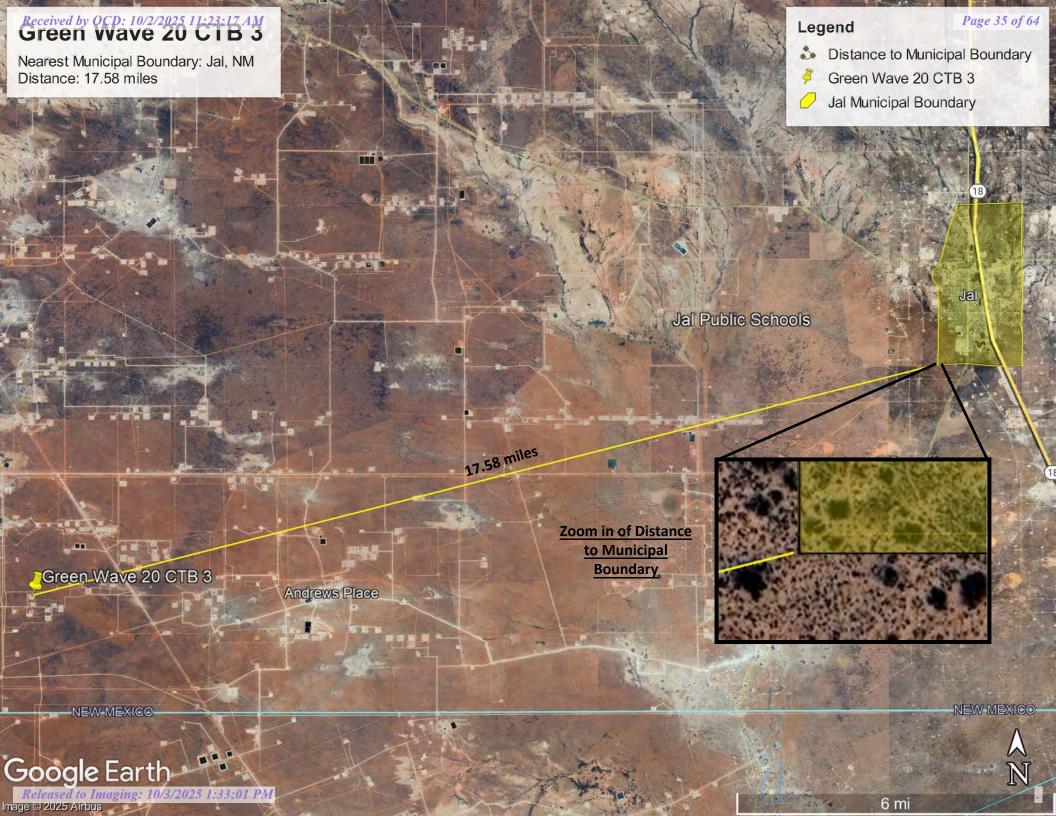
New Mexico State Trust Lands

Both Estates

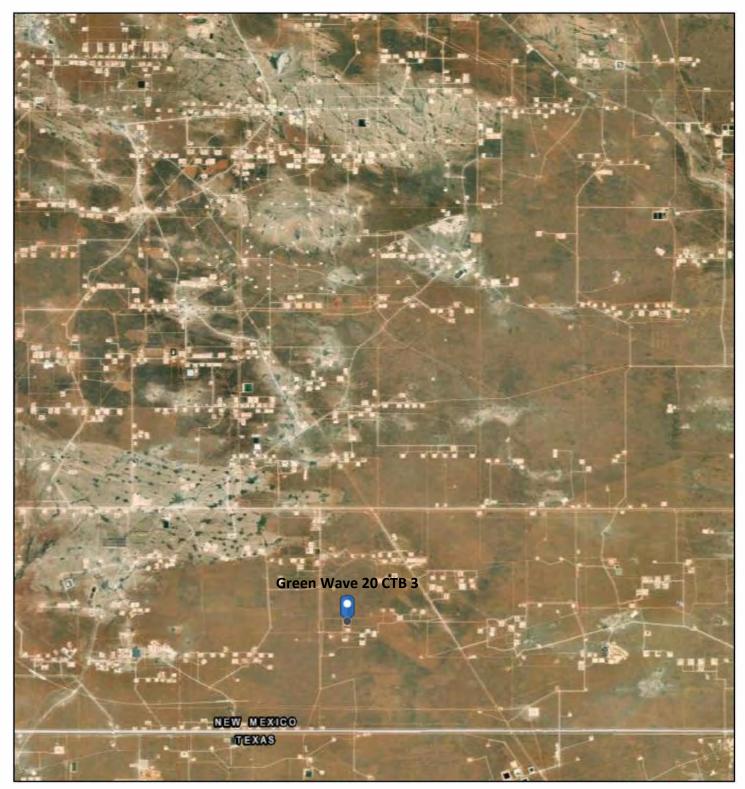
Subsurface Estate



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, Maxar



Green Wave 20 CTB 3 - Mines Proximity Map

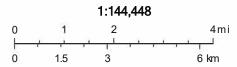


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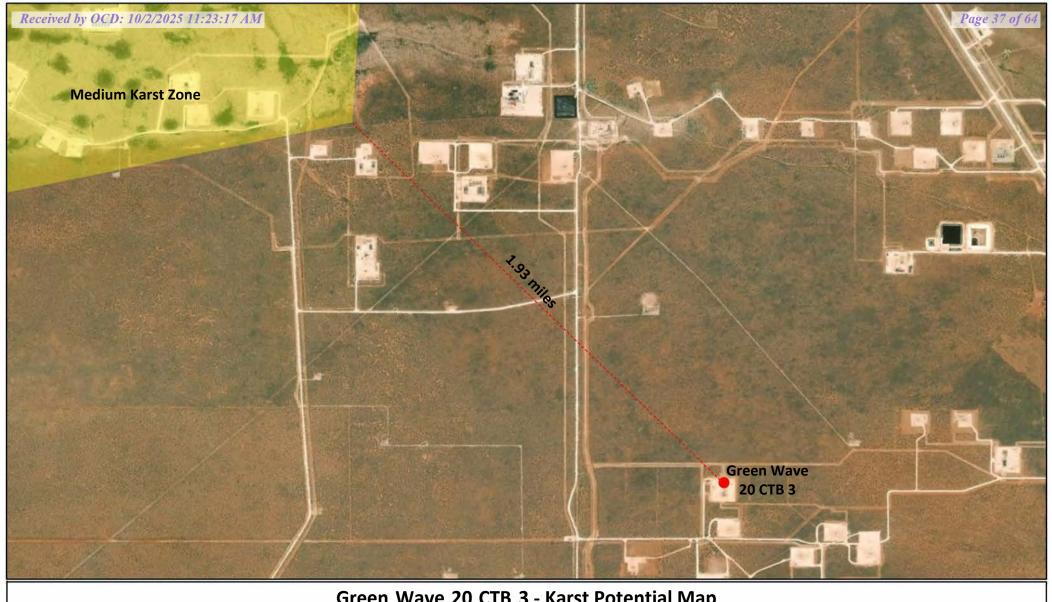
Registered Mines

- * Aggregate, Stone etc.
- * Aggregate, Stone etc.

No Active or Registered Mines within 5-mile Radius

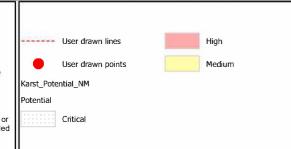


Esri. HERE. Garmin. Earthstar Geographies



Green Wave 20 CTB 3 - Karst Potential Map





Karst Potential None **Nearest Karst Feature** Medium **Distance** 1.93 miles



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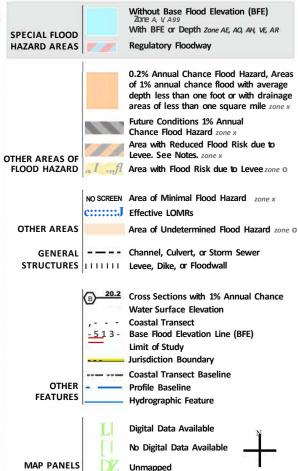
Received by OCD: 10/2/2025 11:23:17 AM National Flood Hazard Layer FIRMette





Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT



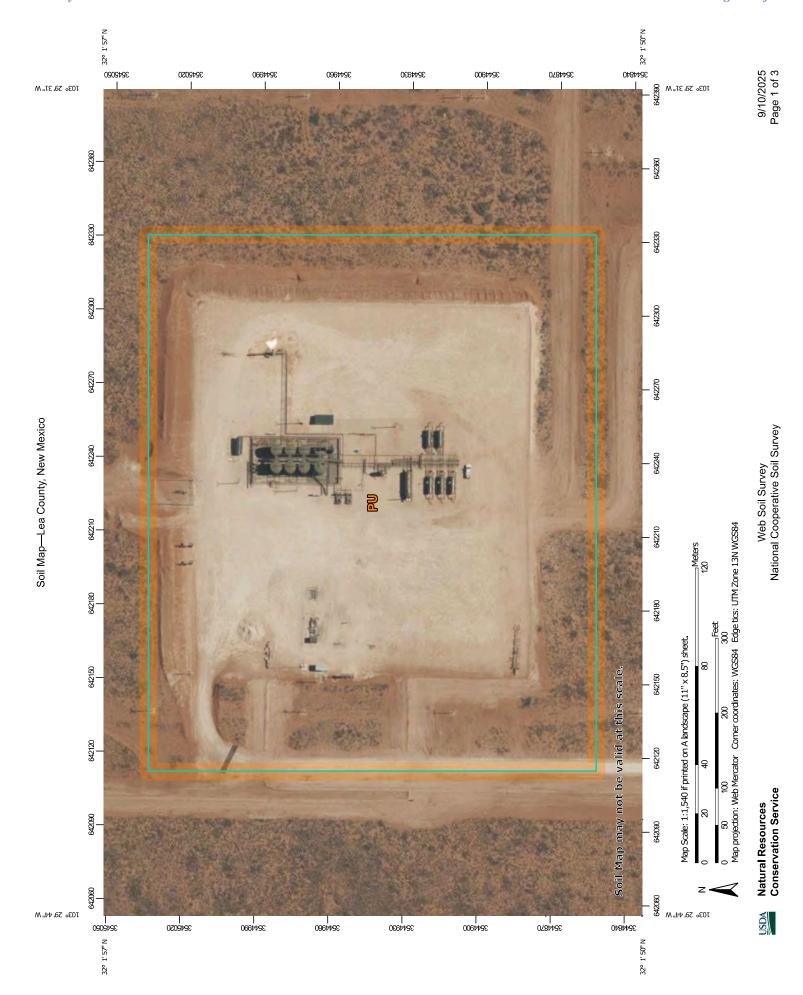
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The pin displayed on the map is an approximate point selected by the user and does not represent

an authoritative property location.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 9/9/2025 at 6:48 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers. FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



Page 2 of 3 9/10/2025

MAP LEGEND

Soil Map-Lea County, New Mexico

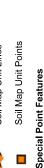
Spoil Area W



























































Streams and Canals Rails **Fransportation**

Borrow Pit

Blowout

Interstate Highways **US Routes** ŧ



Major Roads Local Roads

Aerial Photography

Background

Miscellaneous Water Mine or Quarry

Perennial Water

Rock Outcrop

Slide or Slip

Very Stony Spot

8

Stony Spot

Wet Spot Other

Nater Features

Closed Depression Clay Spot

Gravel Pit

Gravelly Spot

Landfill

Lava Flow

Marsh or swamp

Saline Spot

Sandy Spot

Severely Eroded Spot

Sinkhole

Sodic Spot

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.

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

Please rely on the bar scale on each map sheet for map measurements. Source of Map: Natural Resources Conservation Service

Coordinate System: Web Mercator (EPSG:3857) Web Soil Survey URL:

distance and area. A projection that preserves area, such as the Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts 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 21, Sep 3, 2024 Soil map units are labeled (as space allows) for map scales 1:50,000 or larger. Date(s) aerial images were photographed: Feb 7, 2020—May

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	
PU Pyote and Maljamar fine sands		9.8	100.0%	
Totals for Area of Interest		9.8	100.0%	

Lea County, New Mexico

PU—Pyote and Maljamar fine sands

Map Unit Setting

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

Mean annual precipitation: 10 to 12 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

Pyote and similar soils: 46 percent Maljamar and similar soils: 44 percent

Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of

the mapunit.

Description of Pyote

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

Typical profile

A - 0 to 30 inches: fine sand

Bt - 30 to 60 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained Runoff class: Negligible

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

(2.00 to 6.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 5 percent

Gypsum, maximum content: 1 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0

mmhos/cm)

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Low (about 5.1 inches)

Interpretive groups

Land capability classification (irrigated): 6e

Land capability classification (nonirrigated): 7s

Hydrologic Soil Group: A

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Description of Maljamar

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

Typical profile

A - 0 to 24 inches: fine sand

Bt - 24 to 50 inches: sandy clay loam
Bkm - 50 to 60 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: 40 to 60 inches to petrocalcic

Drainage class: Well drained Runoff class: Very low

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 content: 5 percent

Gypsum, maximum content: 1 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0

mmhos/cm)

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Low (about 5.6 inches)

Interpretive groups

Land capability classification (irrigated): 6e Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: B

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Minor Components

Kermit

Percent of map unit: 10 percent

Ecological site: R070BC022NM - Sandhills

Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico Survey Area Data: Version 21, Sep 3, 2024



Ecological site R070BD003NM Loamy Sand

Accessed: 09/10/2025

General information

Provisional. A provisional ecological site description has undergone quality control and quality assurance review. It contains a working state and transition model and enough information to identify the ecological site.

Figure 1. Mapped extent

Areas shown in blue indicate the maximum mapped extent of this ecological site. Other ecological sites likely occur within the highlighted areas. It is also possible for this ecological site to occur outside of highlighted areas if detailed soil survey has not been completed or recently updated.

Associated sites

R070BD004NM	Sandy Sandy
R070BD005NM	Deep Sand Deep Sand

Table 1. Dominant plant species

Tree	Not specified
Shrub	Not specified
Herbaceous	Not specified

Physiographic features

This site is on uplands, plains, dunes, fan piedmonts and in inter dunal areas. The parent material consists of mixed alluvium and or eolian sands derived from sedimentary rock. Slope range on this site range from 0 to 9 percent with the average of 5 percent.

Low stabilized dunes may occur occasionally on this site. Elevations range from 2,800 to 5,000 feet.

Table 2. Representative physiographic features

	. , , ,
Landforms	(1) Fan piedmont(2) Alluvial fan(3) Dune
Elevation	2,800–5,000 ft
Slope	9%
Aspect	Aspect is not a significant factor

Climatic features

The average annual precipitation ranges from 8 to 13 inches. Variations of 5 inches, more or less, are common. Over 80 percent of the precipitation falls from April through October. Most of the summer precipitation comes in the form of high intensity-short duration thunderstorms.

Temperatures are characterized by distinct seasonal changes and large annual and diurnal temperature changes. The average annual temperature is 61 degrees with extremes of 25 degrees below zero in the winter to 112 degrees in the summer.

The average frost-free season is 207 to 220 days. The last killing frost being late March or early April and the first killing frost being in later October or early November.

Temperature and rainfall both favor warm season perennial plant growth. In years of abundant spring moisture, annual forbs and cool season grasses can make up an important component of this site. Strong winds blow from the southwest from January through June, which accelerates soil drying during a critical period for cool season plant growth.

Climate data was obtained from http://www.wrcc.sage.dri.edu/summary/climsmnm.html web site using 50% probability for freeze-free and frost-free seasons using 28.5 degrees F and 32.5 degrees F respectively.

Table 3. Representative climatic features

Frost-free period (average)	221 days
Freeze-free period (average)	240 days
Precipitation total (average)	13 in

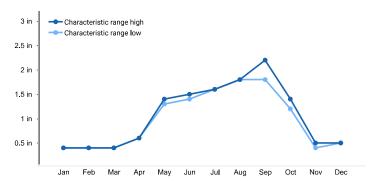


Figure 2. Monthly precipitation range

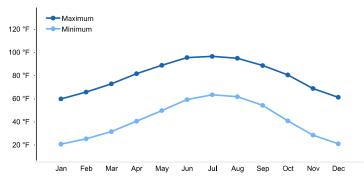


Figure 3. Monthly average minimum and maximum temperature

Influencing water features

This site is not influenced from water from wetlands or streams.

Soil features

Soils are moderately deep or very deep. Surface textures are loamy fine sand, fine sandy loam, loamy very fine sand or gravelly sandy loam.

Subsurface is a loamy fine sand, coarse sandy loam, fine sandy loam or loam that averages less than 18 percent clay and less than 15 percent carbonates.

Substratum is a fine sandy loam or gravelly fine sandy loam with less than 15 percent gravel and with less than 40 percent calcium carbonate. Some layers high in lime or with caliche fragments may occur at depths of 20 to 30 inches.

These soils, if unprotected by plant cover and organic residue, become wind blown and low hummocks are formed.

Minimum and maximum values listed below represent the characteristic soils for this site.

Characteristic soils are:

Maljamar

Berino

Parjarito

Palomas

Wink

Pyote

Table 4. Representative soil features

	(1) Fine sand (2) Fine sandy loam (3) Loamy fine sand
Family particle size	(1) Sandy

Ecological dynamics

Overview

The Loamy Sand site intergrades with the Deep Sand and Sandy

Drainage class	Well drained to somewhat excessively drained
Permeability class	Moderate to moderately rapid
Soil depth	40–72 in
Surface fragment cover <=3"	10%
Surface fragment cover >3"	Not specified
Available water capacity (0-40in)	5–7 in
Calcium carbonate equivalent (0-40in)	3–40%
Electrical conductivity (0-40in)	2–4 mmhos/cm
Sodium adsorption ratio (0-40in)	2
Soil reaction (1:1 water) (0-40in)	6.6–8.4
Subsurface fragment volume <=3" (Depth not specified)	4–12%
Subsurface fragment volume >3" (Depth not specified)	Not specified

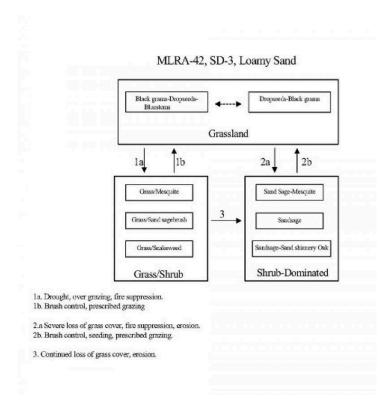
sites (SD-3). These sites can be differentiated by surface soil texture and depth to a textural change. Loamy Sand and Deep Sand sites have coarse textured (sands and loamy sand) surface soils while Sandy sites have moderately coarse textured (sandy loam and fine sandy loam) surfaces. Although Loamy Sand and

Deep Sand sites have similar surface textures, the depth to a textural change is different—Loamy Sand sub-surface textures typically increase in clay at approximately 20 to 30 inches, and Deep Sand sites not until around 40 inches.

The historic plant community of Loamy Sand sites is dominated by black grama (Bouteloua eriopoda), dropseeds (Sporobolus flexuosus, S. contractus, S. cryptandrus), and bluestems (Schizachyrium scoparium and Andropogon hallii), with scattered shinnery oak (Quercus havardii) and sand sage (Artemisia filifolia). Perennial and annual forb abundance and distribution are dependent on precipitation. Litter and to a lesser extent, bare ground, are a significant proportion of ground cover while grasses compose the remainder. Decreases in black grama indicate a transition to either a grass/shrub or shrub-dominated state. The grass/shrub state is composed of grasses/honey mesquite (Prosopis glandulosa), grasses/broom snakeweed (Gutierrezia sarothrae), or grasses/sand sage. The shrub-dominated state occurs after a severe loss of grass cover and a prevalence of sand sage with secondary shinnery oak and mesquite. Heavy grazing intensity and/or drought are influential drivers in decreasing black grama and bluestems and subsequently increasing shrub cover, erosion, and bare patches. Historical fire suppression also encourages shrub pervasiveness and a competitive advantage over grass species (McPherson 1995). Brush and grazing management, however, may reverse grass/shrub and shrubdominated states toward the grassland-dominated historic plant community.

State and transition model

Plant Communities and Transitional Pathways (diagram):



State 1 Historic Climax Plant Community

Community 1.1 Historic Climax Plant Community

Grassland: The historic plant community is a uniformly distributed grassland dominated by black grama, dropseeds, and bluestems. Sand sage and shinnery oak are evenly dispersed throughout the grassland due to the coarse soil surface texture. Perennial and annual forbs are common but their abundance and distribution are reflective of precipitation. Bluestems initially, followed by black grama, decrease with drought and heavy grazing intensity. Historical fire frequency is unknown but likely occurred enough to remove small shrubs to the competitive advantage of grass species. Fire suppression, drought conditions, and excessive grazing drive most grass species out of competition with shrub species. Diagnosis: Grassland dominated by black grama, dropseeds, and bluestems. Shrubs, such as sand sage, shinnery oak, and mesquite are dispersed throughout the grassland. Forbs are present and populations fluctuate with precipitation variability.

Table 5. Annual production by plant type

Plant Type	Low (Lb/Acre)	Representative Value (Lb/Acre)	High (Lb/Acre)
Grass/Grasslike	442	833	1224
Forb	110	208	306
Shrub/Vine	98	184	270
Total	650	1225	1800

Table 6. Ground cover

Tree foliar cover	0%
Shrub/vine/liana foliar cover	0%
Grass/grasslike foliar cover	28%
Forb foliar cover	0%
Non-vascular plants	0%
Biological crusts	0%
Litter	50%
Surface fragments >0.25" and <=3"	0%
Surface fragments >3"	0%
Bedrock	0%
Water	0%
Bare ground	22%

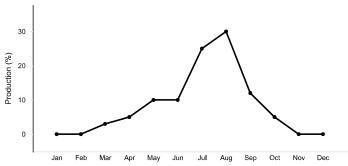


Figure 5. Plant community growth curve (percent production by month). NM2803, R042XC003NM-Loamy Sand-HCPC. SD-3 Loamy Sand - Warm season plant community.

State 2 Grass/Shrub

Community 2.1 Grass/Shrub



*Blads grams/Mesquite community, with some dropseeds, three owns, and scattered sand shinnery oak

Grass/Shrub State: The grass/shrub state is dominated by communities of grasses/mesquite, grasses/snakeweed, or grasses/sand sage. Decreases in black grama and bluestem species lead to an increase in bare patches and mesquite which further competes with grass species. An increase of dropseeds and threeawns occurs. Grass distribution becomes more patchy with an absence or severe decrease in black grama and bluestems. Mesquite provides nitrogen and soil organic matter to co-dominant grasses (Ansley and Jacoby 1998, Ansley et al. 1998). Mesquite mortality when exposed to fire is low due to aggressive resprouting abilities. Herbicide application combined with subsequent prescribed fire may be more effective in mesquite reduction (Britton

and Wright 1971). Diagnosis: This state is dominated by an increased abundance of communities including grass/mesquite, grass/snakeweed, or grass/sand sage. Dropseeds and threeawns have a patchy distribution. Transition to Grass/Shrub State (1a): The historic plant community begins to shift toward the grass/shrub state as drivers such as drought, fire suppression, interspecific competition, and excessive grazing contribute to alterations in soil properties and herbaceous cover. Cover loss and surface soil erosion are initial indicators of transition followed by a decrease in black grama with a subsequent increase of dropseeds, threeawns, mesquite, and snakeweed. Snakeweed has been documented to outcompete black grama especially under conditions of fire suppression and drought (McDaniel et al. 1984). Key indicators of approach to transition: • Loss of black grama cover • Surface soil erosion • Bare patch expansion • Increased dropseed/threeawn and mesquite, snakeweed, or sand sage abundances Transition to Historic Plant Community (1b): Brush and grazing management may restore the grassland component and reverse shrub or grass/shrub dominated states back toward the historic plant community.

State 3 Shrub Dominated

Community 3.1 Shrub Dominated

Shrub-Dominated State: The shrub-dominated state results from a severe loss of grass cover. This state's primary species is sand sage. Shinnery oak and mesquite also occur; however, grass cover is limited to intershrub distribution. Sand sage stabilizes light sandy soils from wind erosion, which enhances protected grass/forb cover (Davis and Bonham 1979). However, shinnery oak also responds to the sandy soils with dense stands due to an aggressive rhizome system. Shinnery oak's extensive root system promotes competitive exclusion of grasses and forbs. Sand sage, shinnery oak, and mesquite can be controlled with herbicide (Herbel et al. 1979, Pettit 1986). Transition to Shrub-Dominated (2a): Severe loss of grass species with increased erosion and fire suppression will result in a transition to a shrub-dominated state with sand sage, Shin oak, and honey mesquite directly from the grasslanddominated state. Key indicators of approach to transition: • Severe loss of grass species cover • Surface soil erosion • Bare patch expansion • Increased sand sage, shinnery oak, and mesquite abundance Transition to Historic Plant Community (2b): Brush and grazing management may restore the grassland component and reverse shrub or grass/shrub dominated states back toward the historic plant community. In addition, seeding with native grass species will augment the transition to a grassland-dominated state. Transition to Shrub-Dominated (3): If the grass/shrub site continues to lose grass cover with soil erosion, the site will transition to a shrub-dominated state with sand sage, shinnery oak, and honey mesquite. Key indicators of approach to transition: • Continual loss of dropseeds/threeawns cover • Surface soil erosion • Bare patch expansion • Increased sand sage, shinnery oak, and mesquite/dropseed/threeawn and mesquite/snakeweed abundance

Additional community tables

Table 7. Community 1.1 plant community composition

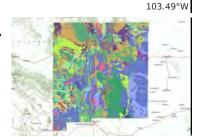
Table 7	. Community 1.1 plant community composition				
Group	Common Name	Symbol	Scientific Name	Annual Production (Lb/Acre)	Foliar Cover (%)
Gras	s/Grasslike				
1	Warm Season			61–123	
	little bluestem	SCSC	Schizachyrium scoparium	61–123	_
2	Warm Season			37–61	
	sand bluestem	ANHA	Andropogon hallii	37–61	_
3	Warm Season			37–61	
	cane bluestem	BOBA3	Bothriochloa barbinodis	37–61	_
	silver bluestem	BOSA	Bothriochloa saccharoides	37–61	_
4	Warm Season	123–184			
	black grama	BOER4	Bouteloua eriopoda	123–184	_
	bush muhly	MUPO2	Muhlenbergia porteri	123–184	-
5	Warm Season			123–184	
	thin paspalum	PASE5	Paspalum setaceum	123–184	_
	plains bristlegrass	SEVU2	Setaria vulpiseta	123–184	_
	fringed signalgrass	URCI	Urochloa ciliatissima	123–184	_
6	Warm Season	•		123–184	
	spike dropseed	SPCO4	Sporobolus contractus	123–184	_
	sand dropseed	SPCR	Sporobolus cryptandrus	123–184	_
	mesa dropseed	SPFL2	Sporobolus flexuosus	123–184	_
7	Warm Season	•		61–123	
	hooded windmill grass	CHCU2	Chloris cucullata	61–123	_
	Arizona cottontop	DICA8	Digitaria californica	61–123	_
9	Other Perennial Grasses			37–61	
	Grass, perennial	2GP	Grass, perennial	37–61	
Shru	b/Vine			1	
8	Warm Season			37–61	
	New Mexico feathergrass	HENE5	Hesperostipa neomexicana	37–61	_
	giant dropseed	SPGI	Sporobolus giganteus	37–61	_
10	Shrub	·	I	61–123	
	sand sagebrush	ARFI2	Artemisia filifolia	61–123	_
	Havard oak	QUHA3	Quercus havardii	61–123	_
11	Shrub	·	I	34–61	
	fourwing saltbush	ATCA2	Atriplex canescens	37–61	_
	featherplume	DAFO	Dalea formosa	37–61	_
12	Shrub		L	37–61	
	jointfir	EPHED	Ephedra	37–61	_
	littleleaf ratany	KRER	Krameria erecta	37–61	_
13	Other Shrubs	I	<u> </u>	37–61	
	Shrub (>.5m)	2SHRUB	Shrub (>.5m)	37–61	_
Forb			<u>'</u>	1	<u> </u>
14	Forb			61–123	
-	leatherweed	CRPOP	Croton pottsii var. pottsii	61–123	_
	Indian blanket	GAPU	Gaillardia pulchella	61–123	_
				5. 120	<u> </u>

	globemallow	SPHAE	Sphaeralcea	61–123	_
15	Forb			12–37	
	woolly groundsel	PACA15	Packera cana	12–37	-
16	Forb		61–123		
	touristplant	DIWI2	Dimorphocarpa wislizeni	61–123	_
	woolly plantain	PLPA2	Plantago patagonica	61–123	_
17	Other Forbs		37–61		
	Forb (herbaceous, not grass nor grass-like)	2FORB	Forb (herbaceous, not grass nor grass-like)	37–61	_



• -103.52662° Longitude, 32.07693° Latitude

> **Site Geology** Qe/Qp



Credits: Douglas B. Stoeser, Gregory N. Green, Laurie C. Morath, William D. Heran, Anna B. Wilson, David W. Moore, Bradley S. Van Gose

unconsolidated deposit volcanic

rock (aphanitic)

water

0 km (0 miles)



APPENDIX C

CORRESPONDENCE



RE: [EXTERNAL] nAPP2519538516 Green Wave 20 CTB 3 Liner Inspection Notification

From Raley, Jim <Jim.Raley@dvn.com>

Date Mon 2025-08-18 8:49 AM

To Monica Peppin < Monica. Peppin@kljeng.com>

Cc Will Harmon < will.harmon@kljeng.com>

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Submitted 8/18

Jim Raley | Environmental Professional - Permian Basin 5315 Buena Vista Dr., Carlsbad, NM 88220

C: (575)689-7597 | jim.raley@dvn.com



From: Monica Peppin < Monica. Peppin@kljeng.com>

Sent: Monday, August 18, 2025 6:35 AM **To:** Raley, Jim < Jim.Raley@dvn.com>

Cc: Will Harmon < will.harmon@kljeng.com>

Subject: [EXTERNAL] nAPP2519538516 Green Wave 20 CTB 3 Liner Inspection Notification

Jim,

Below is the liner inspection notice for Green Wave 20 CTB 3. Let me know if you have any questions or adjustments to time and date.

Liner Inspection Notification		
Site Name	Green Wave 20 CTB 3	
Incident ID	nAPP2519538516	
Containment Surface Area (Square Feet)	6,400	
All impacted materials have been removed from liner?	Yes	
Liner Inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	8/21/2025	
Inspection Time	10:30 AM	

Contact info of technician for observers	Monica Peppin 575.909.3418
Navigation to site (Lat/Long)	32.032151, -103.493706

Thank you, Monica

Monica Peppin, A.S. Environmental Specialist II



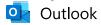
575-213-9010 Direct 575-909-3418 Cell Carlsbad, NM 88220

kljeng.com



Book time to meet with me

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RE: [EXTERNAL] nAPP2519538516 Green Wave 20 CTB 3 Liner Inspection Scheduling Update

From Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Date Mon 2025-08-25 7:34 AM

To Monica Peppin < Monica.Peppin@kljeng.com>

Cc Raley, Jim <jim.raley@dvn.com>; Will Harmon <will.harmon@kljeng.com>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>

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Good morning Monica,

Thank you for providing the update to the OCD. The incident event details have been updated to reflect this information. Please include a copy of this and all notifications in the closure report to ensure the notifications are documented in the project file.

Kind regards,

Shelly

Shelly Wells * Environmental Specialist-Advanced Environmental Bureau EMNRD-Oil Conservation Division 1220 S. St. Francis Drive|Santa Fe, NM 87505 (505)469-7520 Shelly.Wells@emnrd.nm.gov http://www.emnrd.state.nm.us/OCD/

From: Monica Peppin < Monica. Peppin@kljeng.com>

Sent: Friday, August 22, 2025 5:54 PM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>

Cc: Raley, Jim <jim.raley@dvn.com>; Will Harmon <will.harmon@kljeng.com>

Subject: [EXTERNAL] nAPP2519538516 Green Wave 20 CTB 3 Liner Inspection Scheduling Update

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Dear Regulatory Representative,

This is to inform you that the scheduled liner inspection at Green Wave 20 CTB 3 related to Incident ID nAPP2519538516, could not be completed as planned.

Upon arrival, it was observed that the liner within the containment was not in a condition suitable for inspection due to the presence of surface residue.

The inspection will be rescheduled once the liner has been cleaned and is ready for evaluation.

Please let me know if any additional information is needed.

Monica Peppin, A.S. Environmental Specialist II

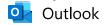


575-213-9010 Direct 575-909-3418 Cell Carlsbad, NM 88220

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Book time to meet with me



RE: [EXTERNAL] nAPP2519538516Green Wave 20 CTB 3 Liner Inspection Notification

From Raley, Jim <Jim.Raley@dvn.com>

Date Tue 2025-09-09 10:43 AM

To Monica Peppin < Monica. Peppin@kljeng.com>

Cc Will Harmon < will.harmon@kljeng.com>

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Submitted 9/9

Jim Raley | Environmental Professional - Permian Basin 5315 Buena Vista Dr., Carlsbad, NM 88220 C: (575)689-7597 | jim.raley@dvn.com



From: Monica Peppin < Monica. Peppin@kljeng.com>

Sent: Tuesday, September 9, 2025 10:40 AM

To: Raley, Jim <Jim.Raley@dvn.com>

Cc: Will Harmon < will.harmon@kljeng.com>

Subject: [EXTERNAL] nAPP2519538516Green Wave 20 CTB 3 Liner Inspection Notification

Jim,

Here is the liner notice for Green Wave. Let me know if there needs to be any adjustment to time and date.

Liner Inspection Notification	
Site Name	Green Wave 20 CTB 3
Incident ID	nAPP2519538516
Containment Surface Area (Square Feet)	6,400
All impacted materials have been removed from liner?	Yes
Liner Inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	8/12/2025
Inspection Time	10:30 AM
Contact info of technician for observers	Monica Peppin 575.909.3418
Navigation to site (Lat/Long)	

Released to Imaging: 10/3/2025 1:33:01 PM

Monica Peppin, A.S.
Environmental Specialist II



575-213-9010 Direct 575-909-3418 Cell Carlsbad, NM 88220

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Sante Fe Main Office Phone: (505) 476-3441 General Information

Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 511584

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	511584
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2519538516
Incident Name	NAPP2519538516 GREEN WAVE 20 CTB 3 @ FAPP2130250168
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2130250168] GREEN WAVE 20 CTB 3

Location of Release Source	
Please answer all the questions in this group.	
Site Name	GREEN WAVE 20 CTB 3
Date Release Discovered	07/13/2025
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

aterial(s) released, please answer all that apply below. Any calculations or specific justifications	·
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pump Produced Water Released: 215 BBL Recovered: 215 BBL Lost: 0 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Transfer pump seal failed allowing release to lined secondary containment. Fluids fully recovered.

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS, Page 2

Action 511584

OUFSTI	ONS (continued)
Operator:	ORID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave. Oklahoma City, OK 73102	Action Number: 511584
Oklahoma City, OK 73102	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the C-129 form.
Initial Response The responsible party must undertake the following actions immediately unless they could create a s	rafety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	I ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releating the OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required asses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface to does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 10/02/2025

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS, Page 3

Action 511584

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	511584
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization		
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). 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 in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)	
What method was used to determine the depth to ground water	NM OSE iWaters Database Search	
Did this release impact groundwater or surface water	No	
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:		
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)	
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)	
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)	
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)	
Any other fresh water well or spring	Between 1 and 5 (mi.)	
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)	
A wetland	Between 1 and 5 (mi.)	
A subsurface mine	Greater than 5 (mi.)	
An (non-karst) unstable area	Between 1 and 5 (mi.)	
Categorize the risk of this well / site being in a karst geology	Low	
A 100-year floodplain	Greater than 5 (mi.)	
Did the release impact areas not on an exploration, development, production, or storage site	No	

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provided to	o the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes	
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.		
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	Yes	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes complete which includes the anticipated timelines for beginning and completing the remediation.	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,	
On what estimated date will the remediation commence	09/12/2025	
On what date will (or did) the final sampling or liner inspection occur	09/12/2025	
On what date will (or was) the remediation complete(d)	09/12/2025	
What is the estimated surface area (in square feet) that will be remediated	6400	
What is the estimated volume (in cubic yards) that will be remediated	0	
These estimated dates and measurements are recognized to be the best guess or calculation at t	he time of submission and may (be) change(d) over time as more remediation efforts are completed.	

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS, Page 4

Action 511584

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	511584
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)			
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.			
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:			
(Select all answers below that apply.)			
Is (or was) there affected material present needing to be removed	Yes		
Is (or was) there a power wash of the lined containment area (to be) performed	Yes		
OTHER (Non-listed remedial process)	Not answered.		
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC.			

which includes the anticipated timelines for beginning and completing the remediation.

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.

I hereby agree and sign off to the above statement

Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 10/02/2025

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS, Page 6

Action 511584

1220 S. St Francis Dr. Santa Fe, NM 87505				
QUESTIONS	[0-141] Temediation Glosale Request G-141 (0-141-4-Glosale)			
Liner Inspection Information				
Last liner inspection notification (C-141L) recorded	504263			
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	09/12/2025			
Was all the impacted materials removed from the liner	Yes			
What was the liner inspection surface area in square feet	6400			
Remediation Closure Request Only answer the questions in this group if seeking remediation closure for this release because all re Requesting a remediation closure approval with this submission Have the lateral and vertical extents of contamination been fully delineated Was this release entirely contained within a lined containment area What was the total surface area (in square feet) remediated What was the total volume (cubic yards) remediated	Yes Yes Yes 6400			
Summarize any additional remediation activities not included by answers (above)	Liner Inspected			
	closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents			
to report and/or file certain release notifications and perform corrective actions for releathe OCD does not relieve the operator of liability should their operations have failed to water, human health or the environment. In addition, OCD acceptance of a C-141 report	knowledge and understand that pursuant to OCD rules and regulations all operators are required asses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or ially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed ing notification to the OCD when reclamation and re-vegetation are complete.			
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 10/02/2025			

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

CONDITIONS

Action 511584

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	511584
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Liner Inspection and closure report is approved.	10/3/2025