Remediation Narrative Nageezi Unit 320H Release 7/2/2024

7/2/2024

An operations person discovered a storage tank failure, a small hole near the bottom of tank. The tank was taken out of service when release was found. A notification email was sent to the agencies. A Vacuum truck sucked up the spilled oil and returned it to the system. (60bbl.) **NOTE:** The secondary containment is lined and successfully contained all the oil released. No soil sampling or cleanup outside the secondary containment was required for this release.

7/3/2024

A contractor crew cleaned the gravel in the secondary containment.

7/8/2024

The report of undesirable event form was completed.

7/10/2024

Closure Criteria: Received the closure criteria from Ensolum. The closest significant watercourse is a Riverine/Intermittent stream located approximately 806 feet west of the Site. There are no known springs or fresh-water wells located within 500 feet of the Site. The nearest groundwater well with depth to groundwater information (SJ-01712) is located approximately 6,856 feet northeast of the Site. Depth to water information from this well indicates groundwater is approximately 515 feet below ground surface (bgs) at the location of the water well. Well SJ-01712 (well summary is attached) is situated at an elevation of approximately 6,856 feet above mean sea level (AMSL) and approximately 1 foot lower in elevation than the Site, therefore depth to water at the Site is assumed to be greater than 100 feet bgs. The Site is greater than 200 feet from any lakebed, sinkhole, or playa lake, and greater than 300 feet from any wetland. Surface land use surrounding the Site consists primarily of oil and gas development. The Site is not within a 100-year floodplain, overlying a subsurface mine, or located within an area underlain by unstable geology (area designated as low potential karst by the BLM). Schools, hospitals, institutions, churches, and/or other occupied permanent residence or structures are not located within 300 feet of the Site.

Based on the information presented above and in accordance with the *Table I, Closure Criteria for Soils Impacted by a Release* (19.15.29.12 NMAC), the following Closure Criteria for constituents of concern (COCs) should be applied to the Site:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH) as a combination of gasoline range organics (GRO), diesel range organics (DRO), and motor oil range organics (MRO): 2,500 mg/kg
- GRO+DRO: 1,000 mg/kg
- Chloride: 20,000 mg/kg

NOTE: The secondary containment is lined and successfully contained all the oil released. No soil sampling or cleanup outside the secondary containment was required for this release.

Remediation Narrative Nageezi Unit 320H Release 7/2/2024

7/23/24

Performed the liner inspection, No one from the agencies attended the liner inspection. Liner is in very good condition showing no defects that would release liquids.

8/19/24-8/23/24

Gravel shoveled off liner for liner inspection. Gravel was previously washed 7/3/24.

8/26/24

NMOCD and BLM notified of scheduled liner inspection.

8/28/24

Liner inspection performed. No visible tears or holes in the liner and is in good condition. No agency representatives were present on location to witness inspection. Pictures are included.

9/4/24-9/5/24

Liner washed and hydro vac truck sucked up liquids off liner.

9/5/24

NMOCD and BLM notified of scheduled liner inspection.

9/9/24

Liner inspection performed. No agency representatives were present on location to witness inspection. No visible tears or holes in liner and is in good condition. Some puddles were found at time of inspection due to rain over the weekend. Pictures are included.



United States Department of the Interior Bureau of Land Management New Mexico Farmington Field Office Report of Undesirable Event

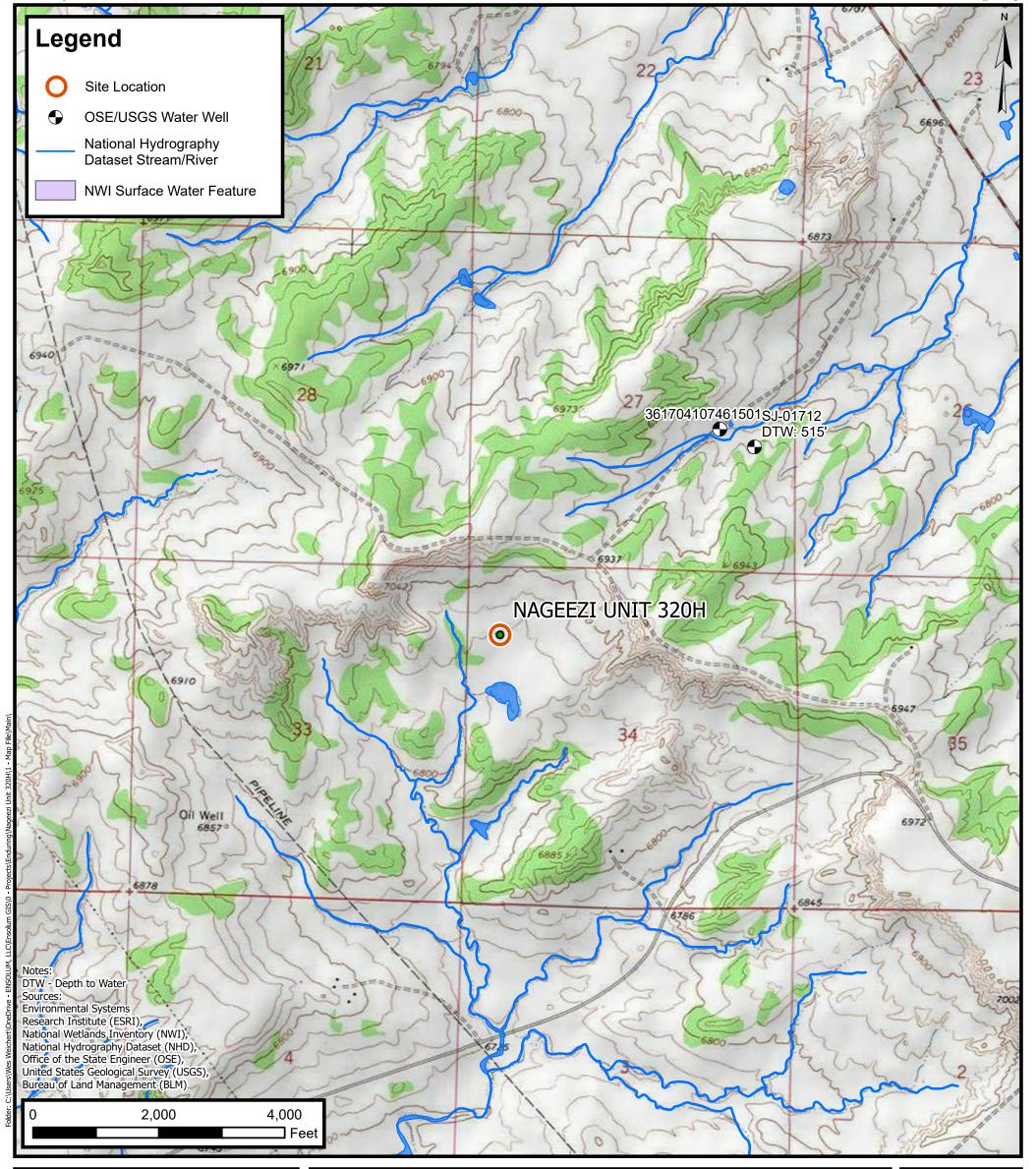
		-				
. Operator: Enduring Resources Field Name: San Juan Basin						
A, CA): NM 012	374	•				
3. Date of Occurrence: 7/2/2024 Time of Occurrence: 9:30 am						
4. Date Reported to BLM: 7/2/2024 Time Reported to BLM: 12:30 Reported to: Emmanuel Adeloye				uel Adeloye		
pm						
Phone Number: 505-947-2460						
Phone Number: 505-636-9729						
					T	1
te: NM	Γ. 24N	R. 9W	Sec.34			or Unit D
	State, Indian):	BLM	Near	est Tow	n or Landmark	:: Nageezi
*						
-	failure, smal	I hole near the	bottom	of tank	, the tank was	s taken out of
· ·	21.00 1.1	***				
						Other
						Other Other
)II U	water		Gas		Other
	ed the hole w	vith a screwdriv	er and	rad The	e remaining c	ontents of the tank
tom and plagg	ca the hole w	ini a solewani	or and	iag. iii	o romaning o	oritorito or the tank
14 4 D	1.C /F	, CD 11				
_		nts of Personal I	njuries:			
during this eve	ill.					
16. Clean up Procedures and Dates:						
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	_		_			
of service until	it can be rep	aired or replace	ed.			
hanical integrit	v activities.	thickness testir	na point	s marke	ed)	
3	,		.5		/	
Agencies Notif	ied: NMOCD,	EPA, ACE, Tri	be, FIM	O, Lando	owner (list nan	nes, phone numbers),
-	ĺ	· · · · · · · · · · · · · · · · · · ·			,	- //
MOCD and En	nmanuel Ade	eloye 505-564-7	7665 BL	-M		
ars					Date: 7/8/	/2024
	Phone Number: Phone Number: e: NM er Federal, Fee, Jnit 320H as): Oil : Storage tank ad. med: (((((((((((((((((((Phone Number: 505-947-246 Phone Number: 505-636-972 e: NM	Time Reported to BLM: 12: pm Phone Number: 505-947-2460 Phone Number: 505-636-9729 e: NM	Time of O 24 Time Reported to BLM: 12:30 pm Phone Number: 505-947-2460 Phone Number: 505-636-9729 e: NM T. 24N R. 9W Sec.34 er Federal, Fee, State, Indian): BLM Near Unit 320H as): Oil : Storage tank failure, small hole near the bottom and. Med: Oil 60 bbl. Water Oil 60 bbl. Water Oil 0 Water This is minutes It: Item and plugged the hole with a screwdriver and and plugged the plugged the hole with a screwdriver and and plugged the hole with a screwdriver and plugged the hole with a screwdriv	Time of Occurrence 24	Time of Occurrence: 9:30 am 24

B. Date Reported to NMSO:

C. Event Classification (I, II, or III):

A. Field Office:







Site Receptor Map

Enduring Resources
Nageezi Unit 320H
Incident Number: nAPP2419048390
Unit D, Sec 34, T 24N, R 09W
San Juan County, New Mexico

FIGURE 1



New Mexico Office of the State Engineer

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

X

SJ 01712

24N 09W

251195 4018933*

Driller License:

Driller Company:

Driller Name:

OREN KIRK DRILLING CO.

Drill Start Date:

06/10/1963

Drill Finish Date:

02/26/1964

Plug Date:

Shallow

Log File Date:

PCW Rcv Date:

Source:

Pump Type:

WINDMI

Pipe Discharge Size:

Estimated Yield:

25 GPM

Casing Size:

6.63

Depth Well:

528 feet

Depth Water:

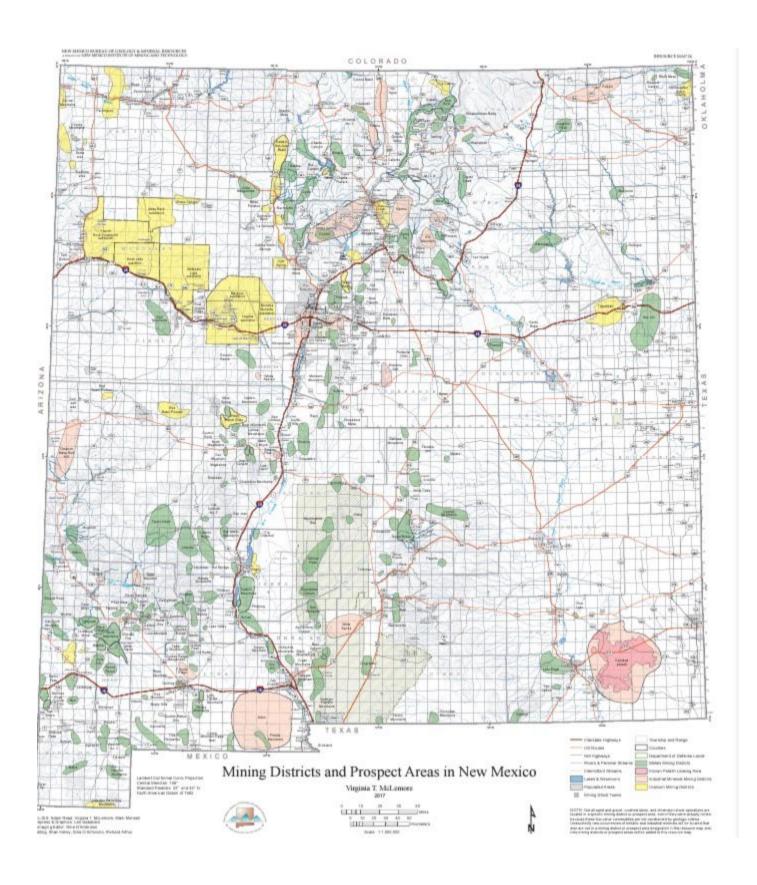
515 feet

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, or suitability for any particular purpose of the data.

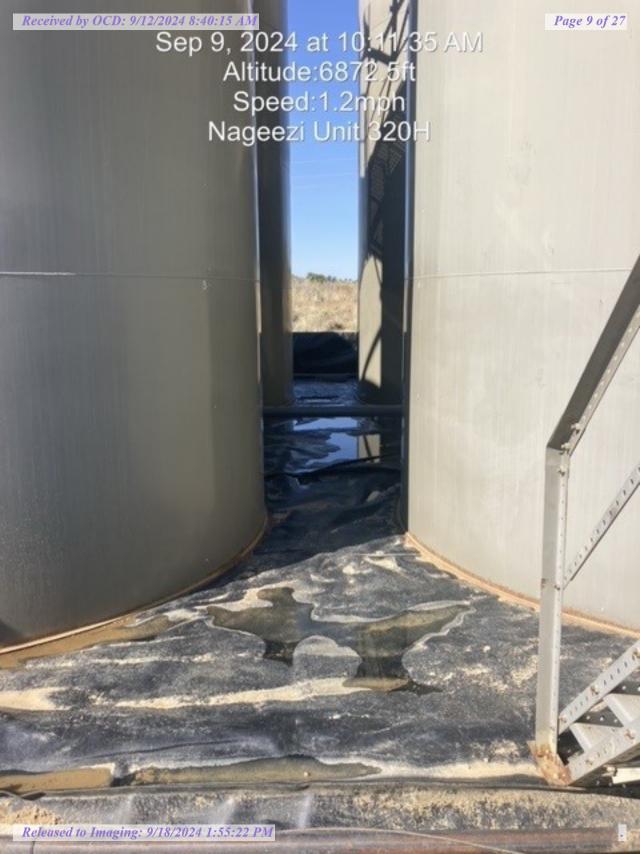
7/9/24 1:38 PM

POINT OF DIVERSION SUMMARY

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

















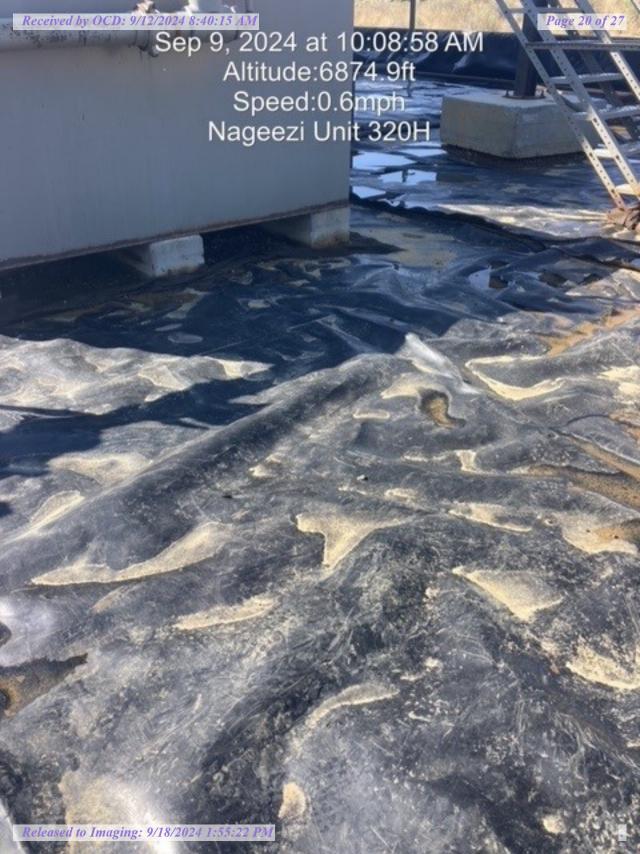














<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

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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**

QUESTIONS

Action 382783

QUESTIONS

Operator:	OGRID:
DJR OPERATING, LLC	371838
200 Energy Court	Action Number:
Farmington, NM 87401	382783
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites		
Incident ID (n#)	nAPP2419048390	
Incident Name	NAPP2419048390 NAGEEZI UNIT 320H @ 30-045-35440	
Incident Type	Oil Release	
Incident Status	Remediation Closure Report Received	
Incident Well	[30-045-35440] NAGEEZI UNIT #320H	

Location of Release Source		
Please answer all the questions in this group.		
Site Name	NAGEEZI UNIT 320H	
Date Release Discovered	07/02/2024	
Surface Owner	Federal	

Incident Details		
Please answer all the questions in this group.		
Incident Type	Oil 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	

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for	or the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Cause: Equipment Failure Tank (Any) Crude Oil Released: 60 BBL Recovered: 60 BBL Lost: 0 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
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)	Tank was taken out of service until it can be repaired or removed.

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Energy, Minerals and Natural Resources
Oil Conservation Division
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QUESTIONS, Page 2

Action 382783

QUESTIONS (continued)

Operator:	OGRID:
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200 Energy Court	Action Number:
Farmington, NM 87401	382783
	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. 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 safety 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.	

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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.

Name: Heather Huntington
Title: Permitting Tech
Email: hhuntington@enduringresources.com
Date: 07/11/2024

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QUESTIONS, Page 3

Action 382783

QUESTIONS (continued)

Operator:	OGRID:
DJR OPERATING, LLC	371838
200 Energy Court	Action Number:
Farmington, NM 87401	382783
	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 500 and 1000 (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 500 and 1000 (ft.)	
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 500 and 1000 (ft.)	
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	Between 1 and 5 (mi.)	
A wetland	Between 500 and 1000 (ft.)	
A subsurface mine	Greater than 5 (mi.)	
An (non-karst) unstable area	Greater than 5 (mi.)	
Categorize the risk of this well / site being in a karst geology	None	
A 100-year floodplain	Between 1 and 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 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 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.		
On what estimated date will the remediation commence	07/03/2024	
On what date will (or did) the final sampling or liner inspection occur	09/09/2024	
On what date will (or was) the remediation complete(d)	07/03/2024	
What is the estimated surface area (in square feet) that will be remediated	2760	
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 the 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.

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QUESTIONS, Page 4

Action 382783

QUESTIONS (continued)

Operator:	OGRID:
DJR OPERATING, LLC	371838
200 Energy Court	Action Number:
Farmington, NM 87401	382783
	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.		

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.

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.

Name: Heather Huntington Title: Permitting Tech

Email: hhuntington@enduringresources.com

Date: 09/12/2024

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.

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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

QUESTIONS, Page 6

Action 382783

QUESTIONS ((continued)

Operator:	OGRID:
DJR OPERATING, LLC	371838
200 Energy Court	Action Number:
Farmington, NM 87401	382783
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Liner Inspection Information	
Last liner inspection notification (C-141L) recorded	381063
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	09/09/2024
Was all the impacted materials removed from the liner	Yes
What was the liner inspection surface area in square feet	2760

Remediation Closure Request		
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.		
Requesting a remediation closure approval with this submission	Yes	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	Yes	
What was the total surface area (in square feet) remediated	2760	
What was the total volume (cubic yards) remediated	0	
Summarize any additional remediation activities not included by answers (above)	NA	

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 (in .pdf format) 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.

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

I hereby agree and sign off to the above statement

Name: Heather Huntington

Title: Permitting Tech

Email: hhuntington@enduringresources.com

Date: 09/12/2024

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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 382783

CONDITIONS

Operator:	OGRID:
DJR OPERATING, LLC	371838
200 Energy Court	Action Number:
Farmington, NM 87401	382783
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	App ID 382783 Liner Inspection approved	9/18/2024