nAPP2503049107 C-141 Closure Narrative

Rodeo 500H
San Juan County, New Mexico
API:30-045-35796
36.220413/-107.715566
UNIT P SEC-18, T-23N, R-08W
LEASE #NMNM136159
SURFACE OWNER: BLM

1/27/2025

- A release was reported due to a broken site glass on the separator.
- All oil was captured inside lined containment.
- A vacuum truck began capturing the oil and putting it back into a tank.

1/30/25

• Liner was power washed.

2/27/25

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

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.



SITE DIAGRAM RODEO UNIT 500H

■ ACCESS —TUA

■ EDGE OF DISTURBANCE —WELLPAD

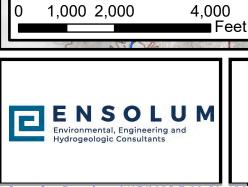
= LAYFLAT = Pads

- PIPELINE • WELLS

PULLOUT

ENDURING RESOURCES, LLC

Data Source Statement: BLM-FFO, Enduring Resources GIS, ESRI Inc. NCE Surveys, USGS



DTW: 173'

SJ-01710

Site Receptor Map

Rodeo 500H Enduring Resources, LLC 36.220413,-107.715566 San Juan County, New Mexico

FIGURE

100-Year Floodplain

Lakes

the State Engineer

DTW: Depth to Water in Feet

NMOSE: New Mexico Office of

Notes:

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 Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Υ	Мар
	SJ 01710		NW	SW	25	23N	09W	252985.0	4009203.0 *	•

* UTM location was derived from PLSS - see Help

Driller License:		Driller Company:			
Driller Name:	VAN R. TURN	ER DRILLING CO.			
Drill Start Date:	1963-08-19	Drill Finish Date:	1964-01-27	Plug Date:	
Log File Date:		PCW Rcv Date:		Source:	Shallow
Pump Type:		Pipe Discharge Size:		Estimated Yield:	18
Casing Size:	6.63	Depth Well:	550	Depth Water:	173

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

3/4/25 12:47 PM MST Point of Diversion Summary

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Page 4 of 24

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 Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Υ	Мар
	SJ 03978 POD1	NW	NE	NW	22	23N	08W	259816.4	4011541.8	•

* UTM location was derived from PLSS - see Help

Driller License:	1357	Driller Company:	BAILEY DRILLING COMPANY		
Driller Name:	MARK BAILEY	/			
Drill Start Date:	2011-08-01	Drill Finish Date:	2011-08-12	Plug Date:	
Log File Date:	2011-08-31	PCW Rcv Date:		Source:	Shallow
Pump Type:		Pipe Discharge Size:		Estimated Yield:	4
Casing Size:	7.88	Depth Well:	500	Depth Water:	260

Water Bearing Stratifications:

Тор	Bottom	Description
240	260	Sandstone/Gravel/Conglomerate
400	440	Sandstone/Gravel/Conglomerate

Casing Perforations:

Тор	Bottom
0	500

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Page 5 of 24

Ground Bed Drilling Log

Company: WPX Elu	rgy Well: WLU Remote#/	Date: 7-18-2016
Location: Sec & Town &	State: Mewn Joxico	Rig: Story#1
Ground Bed Depth:	340' Water Depth: 240'	Diameter: ///
Fuel: 90 gal.	Latitude: 36.23724	Longitude: 107-70414
DEPTH '	FORMATION	OTHER
0-40	Sand Stone, Shale, Sand w/ Shale w/ Sand	PVC
40-120	Sand Stone, Shale, Sand w/ Shale w/ Sand	
120-190	Sand Stone, Shale, Sand w/ Shale w/ Sand	
190-240	Sand Stone, Shale, Sand w/ Shale w/ Sand	
240-280	Sand Stone, Shale, Sand w/ Shale w/ Sand	
280-320	Sand Stone, Shale, Sand w/ Shale w/ Sand	
320-340	Sand Stone, Shale, Sand w/ Shale w/ Sand	
	Sand Stone, Shale, Sand w/ Shale w/ Sand	
	Sand Stone, Shale, Sand w/ Shale w/ Sand	-
·	Sand Stone, Shale, Sand w/ Shale w/ Sand	
	Sand Stone, Shale, Sand w/ Shale w/ Sand	

	GROUNDWATER DEPTH LOG				
Company	: WPX Energ	gy	Location: WLU Remote#1		
Probe type: Powerwell Sounder					
Date	Time	Depth	Comments		
7-18-16	8:30	40'	Drilled 40'		
	9:00	40'	test No water set PVC.		
	9:20	651	Doilled 65'		
	10:00	65'	test waater		
	11:30	115	Dulled 115'		
	12:00	1151	test No water		
	2100	340'	water @ 240		
			finished anode bed		
		·			

	G	round Bed Druing Log	
Company: WPX	Theray	Well #707H #708H #709H	Date: 9-12-2016
Location: Sec12 T23	5N K9W	State: Now Mexico	Rig: Stony 1
Ground Bed Depth:_	340'	Water Depth: 90'	Diameter: 10''
Fuel: 90 gal.		Latitude: 36,23610	-Longitude: -107,7335
DEPTH	1	FORMATION	OTHER
0-40	Sand Ston	ne, Shale, Sand w/ Shale w/ Sand	PUC
40-80	Sand Ston	ne, Shale, Sand w/ Shale w/ Sand	
80-140	Sand Stor	ne, Shale, Sand w/ Shale w/ Sand	
140-200	Sand Stor	ne, Shale, Sand w/ Shale w/ Sand	
200-270	. Sand Stor	ne, Shale, Sand w/ Shale w/ Sand	
270-300	Sand Stor	ne, Shale, Sand w/ Shale w/ Sand	·
300-340	Sand Stor	ne, Shale, Sand w/ Shale w/ Sand	
	Sand Sto	ne, Shale, Sand w/ Shale w/ Sand	
	Sand Sto	ne, Shale, Sand w/ Shale w/ Sand	
	D3 64-	The Sand we Shale in Sand	

*		GROU	NDWATER DEPTH LOG
Company:	WPX Energ	У	Location: Westlybrook Ut 701 708 709
Probe type	= Power We	11 Sounder	
Date		Depth	Comments
9-12-16	Sam	40'	drilled 40'
	9 am	40'	tested no water
	9:20	65.	drilled to 65'
	10:15	65'	tested no water
	11:00	115'	drilled to 115'
	12:00	901	tested water-
9-13-16	Sam	901	water level tested
	10:30	3401	finished ahode bed.
			·

From: Heather Huntington
To: aadeloye@blm.gov

Cc: <u>Tim Friesenhahn</u>; <u>Melissa Daniels</u>

Subject: LINER INSPECTION NOTICE RODEO UNIT 500H 2/27/25

Date: Monday, February 24, 2025 2:51:00 PM

Good Afternoon Emmanuel,

Enduring Resources will be conducting a liner inspection for Rodeo Unit 500H API 30-045-35796 (P SEC-18, T-23N, R-08W Lat/Long: 36.220413,-107.715566) to close out the release that occurred on 1/27/25. The liner inspection is scheduled for Thursday February 27, 2025 at 10:00 a.m. The contact onsite will be Bill Lowman 505-320-0070.

Heather Huntington Enduring Resources Permitting Technician 505-636-9751 From: OCDOnline@state.nm.us
To: Heather Huntington

Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 434797

Date: Monday, February 24, 2025 2:39:29 PM

To whom it may concern (c/o Heather Huntington for DJR OPERATING, LLC),

The OCD has received the submitted *Notification for Liner Inspection for a Release* (C-141L), for incident ID (n#) nAPP2503049107.

The liner inspection is expected to take place:

When: 02/27/2025 @ 10:00

Where: P-18-23N-08W 0 FNL 0 FEL (36.220413,-107.715566)

Additional Information: Bill Lowman will be the contact onsite 505-320-0070

Additional Instructions: From the intersection of US Hwy 550 & US Hwy 64 in Bloomfield, NM, travel Southerly on US Hwy 550 for 37.8 miles to Mile Marker 113.4; Go Right (South-westerly) on County Road #7890 for 0.8 miles to WLU Remote #2 well pad on left-hand side of roadway, continue through location to south-east comer access continues to Rodeo UT #500H location.

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, liner inspection pursuant to 19.15.29.11.A(5)(a) NMAC is required. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

• Failure to notify the OCD of liner inspections including any changes in date/time per the requirements of 19.15.29.11.A(5)(a)(ii) NMAC, may result in the inspection not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department 1220 South St. Francis Drive Santa Fe, NM 87505

















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 441871

QUESTIONS

Operator:	OGRID:
ENDURING RESOURCES, LLC	372286
6300 S Syracuse Way	Action Number:
Centennial, CO 80111	441871
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites			
Incident ID (n#)	nAPP2503049107		
Incident Name	NAPP2503049107 RODEO UNIT 500H @ 30-045-35796		
Incident Type	Oil Release		
Incident Status	Remediation Closure Report Received		
Incident Well	[30-045-35796] RODEO UNIT #500H		

Location of Release Source	
Please answer all the questions in this group.	
Site Name	RODEO UNIT 500H
Date Release Discovered	01/27/2025
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 the volumes provided should be attached to the follow-up C-141 submission.		
Crude Oil Released (bbls) Details	Cause: Freeze Separator Crude Oil Released: 55 BBL Recovered: 55 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)	All oil stayed inside lined containment	

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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 2

Action 441871

31.11.	,
QUESTI	ONS (continued)
Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286 Action Number: 441871
	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	afety 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.
	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 releathe 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 require ases 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
I hereby agree and sign off to the above statement	Name: Heather Huntington Title: Permitting Tech Email: hhuntington@enduringresources.com Date: 01/30/2025

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 441871

QUESTIONS (continued)

Operator:	OGRID:
ENDURING RESOURCES, LLC	372286
6300 S Syracuse Way	Action Number:
Centennial, CO 80111	441871
	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 100 and 500 (ft.)	
What method was used to determine the depth to ground water	Estimate or Other	
Did this release impact groundwater or surface water	No	
What is the minimum distance, between the closest lateral extents of the release ar	nd the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 200 and 300 (ft.)	
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)	
An occupied permanent residence, school, hospital, institution, or church	Between ½ and 1 (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 200 and 300 (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	on 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	01/27/2025	
On what date will (or did) the final sampling or liner inspection occur	02/27/2025	
On what date will (or was) the remediation complete(d)	01/30/2025	
What is the estimated surface area (in square feet) that will be remediated	3700	
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	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.

Released to Imaging: 3/17/2025 7:33:53 AM

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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 4

Action 441871

QUESTIONS (continued)

ı	Operator:	OGRID:
ı	ENDURING RESOURCES, LLC	372286
ı	6300 S Syracuse Way	Action Number:
ı	Centennial, CO 80111	441871
ı		Action Type:
ı		[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.

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: Heather Huntington Title: Permitting Tech

Email: hhuntington@enduringresources.com

Date: 03/13/2025

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

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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 441871

Santa	Fe, NM 87505
QUESTI	ONS (continued)
Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID:
CUITATIONS	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS Liner Inspection Information	
Last liner inspection notification (C-141L) recorded	434797
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	02/27/2025
Was all the impacted materials removed from the liner	Yes
What was the liner inspection surface area in square feet	6206
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	Yes Yes 3700
What was the total volume (cubic yards) remediated Summarize any additional remediation activities not included by answers (above)	None
	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 release the OCD does not relieve the operator of liability should their operations have failed to a 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 uses 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 fally restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed no 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: 03/13/2025

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

CONDITIONS

Action 441871

CONDITIONS

Operator:	OGRID:
ENDURING RESOURCES, LLC	372286
6300 S Syracuse Way	Action Number:
Centennial, CO 80111	441871
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created B		Condition Date
scwells	Liner report approved. Note that for future releases at this site, under the Site Characterization portion of the C-141 application, the distance to any playa lake should be 1-5 miles.	3/17/2025