Spill Volume(Bbls) Calculator				
	Inputs in blue , Outputs in red			
Length(Ft)	Width(Ft)	Depth(In)		
<u>40.000</u>	<u>80.000</u>	<u>0.250</u>		
Cubic Feet	Impacted	<u>66.667</u>		
Barr	els	<u>11.87</u>		
Soil T	ype	Lined Containment		
Bbls Assuming 100%		<u>11.87</u>		
Saturation				
Saturation	Fluid pr	esent with shovel/backhoe		
Estimated Barr	rels Released	11.90000		

Instructions

- 1.Input spill measurements below. Length and width need to be input in feet and depth in inches.
- 2. Select a soil type from the drop down menu.3. Select a saturation level from the drop down menu.

(For data gathering instructions see appendix tab)

<u>Measurements</u>			
Length (ft)	40		
Width (ft)	80		
Depth (in)	0.250		









PREPARED BY: PIMA ENVIRONMENTAL SERVICES, LLC

PREPARED FOR: Spur Energy

GJ WEST COOP 92 TB
Incident ID nAPP2522645607

Liner Inspection and Closure Report

September 14, 2025

FACILITY NAME	GJ WEST COOP 92 TB
DATE OF RELEASE	8/12/2025
INCIDENT NO.	Napp2522645607



Pima Environmental Services 5614 N. Lovington Highway Hobbs, NM 88240 575-964-7740

Site Characterization	
DTGW	Datument 100 and 500 ft
What is the shallowest DTGW beneath the area affected by the release in ft below ground surface (ft bgs)	Between 100 and 500 ft.
GW Depth Determination What method was used to determine the DTGW?	NM OSE iWaters Database Search
Ground or Surface Water Impacted Did this release impact GW or Surface Water?	No
What is the min. distance between the closest lateral extents of the	
release and the following surace areas?	
Distance to Watercourse A continuously flowing watercourse or any other significant watercourse?	> 5 mi.
Distance to Lakebed Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	> 5 mi.
Distance to Public An occupied permanent residence, school, hospital, institution, or church?	> 5 mi.
Distance to Private A spring or a private domestic FW well used by less than five households for domestic or stock watering	Between 1/2 mi. and 1 mi.
purposes?	between 1/2 mi. and 1 mi.
Distance to Fresh Water Any other FW well spring?	Between 1 mi. and 5 mi.
Within Municpical Boundaries Incorporated municipal boundaries or a defined municipal FW well field?	Between 1 mi. and 5 mi.
Distance to Wetland A wetland?	Between 1/2 mi. and 1 mi.
Overlying Subsurface Mine A subsurface mine?	> 5 mi.
Overlying (Non-Karst) Unstable Area An (non-karst) unstable area?	> 5 mi.
Risk of Karst Geology	Low
Catergorize the risk of this well/site being in a karst geology? Distance to or Within 100 yr Floodplain	Between 500 ft and 1/2 mi.
A 100-year floodplain? Areas NOT Other Site	
Did the release impact areas not on exploration, development, production, or storage site? Remediation Plan	No
Have the lateral and vertical extents of contamination been fully delineated?	Yes
Lined Containment Area Only Was this release entirely contained within a lined containment area?	Yes
Soil Containment Sampling	(EPA 300.00 or SM4500 CI B?
Chlroide Constituent Chloride (mg/kg)	0
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)?
Constituent TPH (mg/kg)	0
GRO + DRO	(EPA SW-846 Method 8015M)?
GRO + DRO Constituent GRO-DRO (mg/kg)	0
Constituent GRO-DRO (mg/kg) BTEX	
Constituent GRO-DRO (mg/kg)	0 (EPA SW-846 Method 8021B or 8260B)?
Constituent GRO-DRO (mg/kg) BTEX	0 (EPA SW-846 Method 8021B or 8260B)? 0
BTEX Constituent BTEX (mg/kg) Benzene Constituent Benzene (mg/kg) Benzene tonstituent Benzene (mg/kg)	0 (EPA SW-846 Method 8021B or 8260B)? 0 (EPA SW-846 Method 8021B or 8260B)?
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FACILITY NAME	GJ WEST COOP 92 TB
DATE OF RELEASE	8/12/2025
INCIDENT NO.	nAPP2522645607



Pima Environmental Services 5614 N. Lovington Highway Hobbs, NM 88240 575-964-7740

	373-704-7740
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
Restired Areas For Production Use All areas reasonably needed for production or subsequent drilling operations have been stabalized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion?	Yes
Total Surface Area (sq ft) Remediated What was the total surface area (sq ft) remediated?	8,500
Total Volume (cu yd) Remediated What was the total volume (cubic yards) remediated?	0
Reclaimed to Condition Prior Release All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minumum of four ft of non-waste contain earthen material with concentrations less that 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX and 10 mg/kg Benzene?	Yes
Total Surface Area (sq ft) Reclaimed What was the total surface area (in sq ft) reclaimed?	0
Remediation Summary Summarize any additional remediaiton activities not included by answers (above).	The lined containment was power-washed, and all standing fluids were recovered using a vacuum truck. Following remediation, a liner inspection was conducted, confirming that the containment liner maintained its integrity.



Pima Environmental Services 5614 N. Lovington Highway Hobbs, NM 88240 575-964-7740

September 14, 2025

NMOCD District 2 811 S. First St Artesia, NM, 88210

Bureau of Land Management 620 East Green Street Carlsbad, NM 88220

RE: Liner Inspection and Closure Report

GJ West Coop 92 TB

API No. N/A

GPS: Latitude 32.80263 Longitude -104.07863 UL- J, Section 28, Township 17S, Range 29E NMOCD Reference No. nAPP2522645607

Spur Energy Partners (Spur) has contracted Pima Environmental Services, LLC (Pima) to perform a liner inspection and prepare this closure report for the release of produced water that happened on the GJ West Coop 92 TB (GJ). An initial C-141 was submitted on August 14, 2025. This incident was assigned Incident ID nAPP2522645607, by the New Mexico Oil Conservation Division (NMOCD).

Site Information and Site Characterization

The GJ is located approximately 5.82 miles southwest of Loco Hills, NM. This spill site is in Unit J, Section 28, Township 17S, Range 29E, Latitude 32.80263 Longitude -103.07863, Eddy County, NM. A Location Map can be found in Figure 1.

According to well water records from the New Mexico Office of the State Engineer (OSE), the nearest groundwater in this vicinity is encountered at a depth of approximately 150 feet below ground surface (BGS), located 0.53 miles from the GJ, with the well originally drilled on May 16, 2022. In comparison, United States Geological Survey (USGS) data indicate a groundwater depth of about 57 feet BGS at a location roughly 10.78 miles from the site, based on measurements last recorded in 2015. Detailed references to these surveys, along with precise well locations, are provided in Appendix A, which includes supporting maps. The GJ site is situated within an area classified as having low karst potential, as shown in Figure 3. Additionally, a topographic overview of the area is provided in Figure 2.

Release Information

nAPP2522645607: On August 12, 2025, a loose hammer union on the water line to the tanks resulted in the release of approximately 12 barrels of produced water into the lined containment area. Spur personnel promptly responded to the incident and successfully recovered an estimated 10 barrels of produced water using a vacuum truck. It is believed the initial estimate was inaccurate as no fluids leaked from containment. A site map is provided in Figure 4 for reference.

Site Assessment and Liner Inspection

On August 20, 2025, Spur personnel submitted a notification for a liner inspection, adhering to the necessary 48-hour notice period. The details of the 48-hour notification can be referenced in Appendix C.

On August 25, 2025, Pima Environmental conducted a thorough inspection of the lined containment area. The evaluation process included cleaning the liner with a power washer and using a vacuum truck to ensure the complete removal of any residual fluids. The inspection confirmed that the system remained intact and successfully retained all fluids. As a result, the liner was deemed functional, preventing any further environmental impact. A detailed report, including photographic evidence, is provided in Appendices C and D.

Closure Request

After careful review, Pima requests that this incident nAPP2522645607 be closed. Spur has complied with the applicable closure requirements.

For questions or additional information, please feel free to contact: Spur Energy – Katherine Purvis at 575-441-8619 or katherine.purvis@spurenergy.com Pima Environmental Services – Sebastian Orozco at 619-721-4813 or Sebastian@pimaoil.com.

Attachments

Figures:

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Site Map

Appendices:

Appendix A- Referenced Water Surveys Appendix B- Soil Survey, Geological Data, FEMA Flood Map, Wetland Map Appendix C-48 Hour Notification and Liner Inspection Form Appendix D- Photographic Documentation



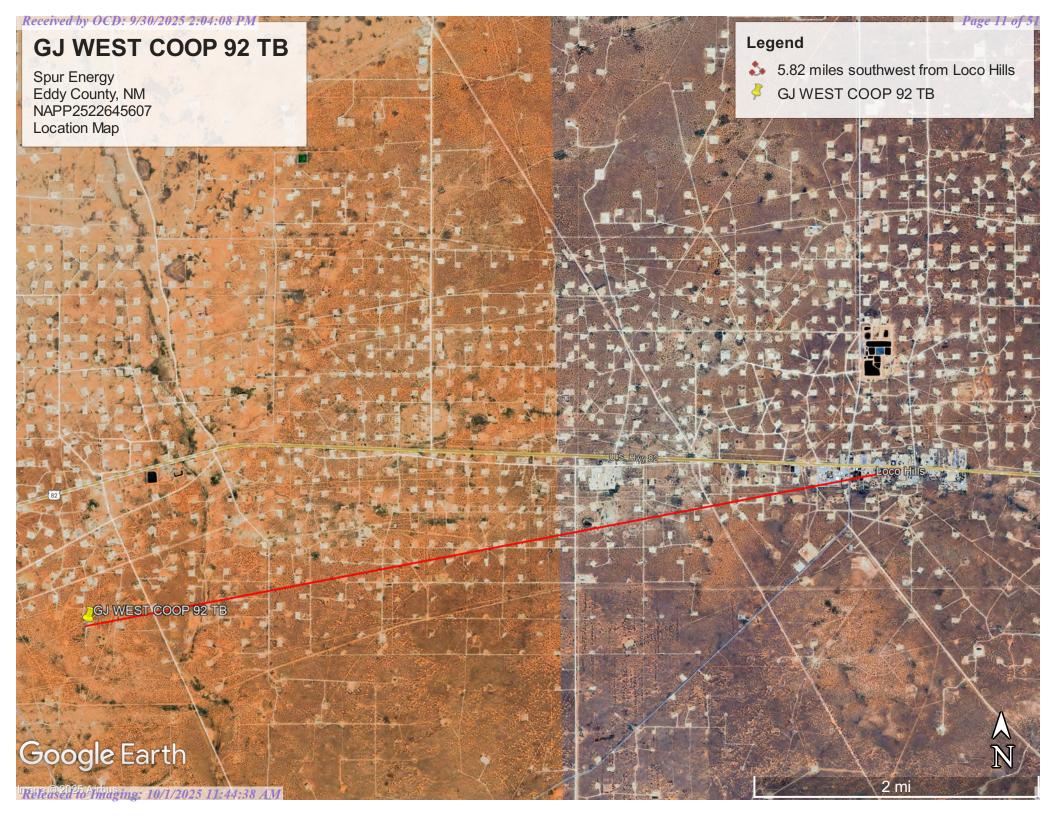
Figures:

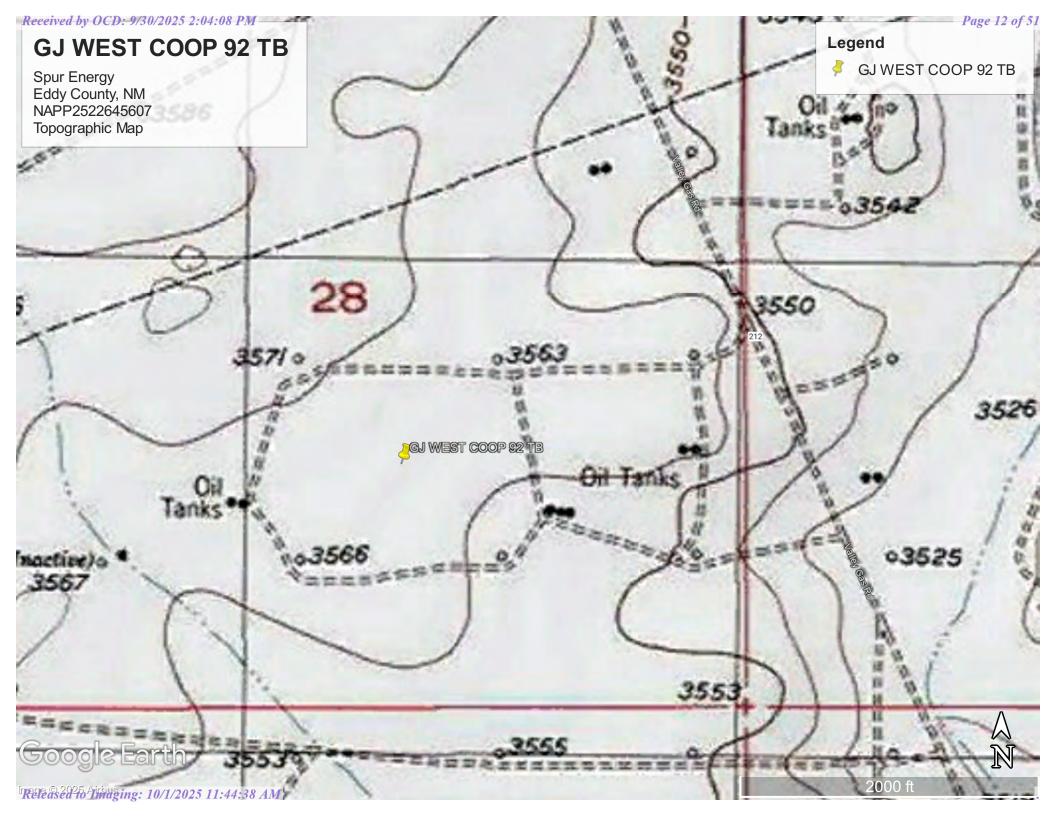
Figure 1- Location Map

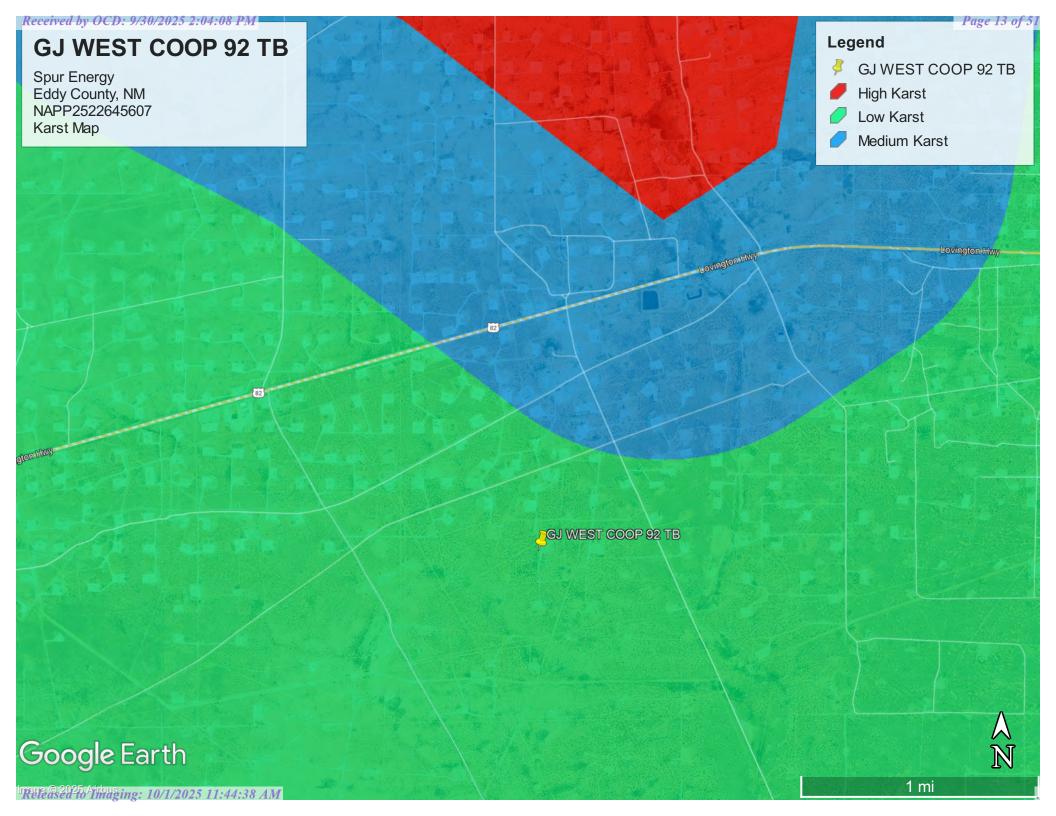
Figure 2- Topographic Map

Figure 3- Karst Map

Figure 4- Site Map











Appendix A

Water Surveys:

- OSE
- USGS
- Surface Water Map



Mike A. Hamman, P.E.

State Engineer

DISTRICT II

1900 West Second St. Roswell, New Mexico 88201 Phone: (575) 622-6521 Fax: (575) 623-8559

May 19, 2022

Spur Energy Partners 9655 Katy Freeway, Suite 5000 Houston, TX 77024

RE: Well Plugging Plan of Operations for RA-13195-POD1

Greetings:

Enclosed is your copy of the Well Plugging Plan of Operations for the above referenced project. The proposed method of operation is found to be acceptable and in accordance with the Rules and Regulations Governing Well Driller Licensing; Construction, Repair and Plugging of Wells 19.27.4 NMAC adopted June 30, 2017 by the State Engineer.

- (1) Plugging operations shall also be conducted in accordance with NMED, NMOCD, or other State or Federal agencies having oversight for the above described project.
- (2) In accordance with Subsection A of 19.27.4.29 NMAC, on-site supervision of well drilling/plugging by the holder of a New Mexico Well Driller License or a NMOSE-registered Drill Rig Supervisor is required. The New Mexico licensed Well Driller shall ensure that well drilling activities are completed in accordance with 19.27.4.29, 19.27.4.30, 19.27.4.31, 19.27.4.33 NMAC, and all specific conditions of approval. While conducting the well drilling activities, the Well Driller shall maintain a copy of the approved permit, conditions and Well Plugging Plan of Operations on-site and available for inspection upon request.
- (3) Well that encounters water Maximum 6 gallons water per 94 lb. sack Portland Cement
- (4) Any deviation from this plan <u>must</u> obtain an approved variance from this office prior to implementation.

Well Plugging Plan of Operations form (WD-08) has been updated. Current form can be found on the OSE website at the following link https://www.ose.state.nm.us/Statewide/wdForms.php.

Within 30 days after the well is plugged, the well driller is required to file a complete plugging record with the OSE and the permit holder.

Sincerely,

Kashyap Parekh

Water Resources Manager I



WELL PLUGGING PLAN OF OPERATIONS



NOTE: A Well Plugging Plan of Operations shall be filed with and accepted by the Office of the State Engineer prior to plugging. This form may be used to plug a single well, or if you are plugging multiple monitoring wells on the same site using the same plugging methodology.

Alert! Your well may be eligible to participate in the Aquifer Mapping Program (AMP)-NM Bureau of Geology geoinfo.nmt.edu/resources/water/ cgmn/ if within an area of interest and meets the minimum construction requirements, such as there is still water in your well, and the well construction reflected in a well record and log is not compromised, contact AMP at 575-835-5038 or -6951, or by email nmbg-waterlevels@nmt.edu, prior to completing this prior form. Showing proof to the OSE that your well was accepted in this program, may delay the plugging of your well until

Exist	of well owner: Spur En	gineer POD Nur ergy Partners	mber (Well	Number)	for well	to be pl	ugged:	RF	7-13	195
	ng address: 9655 Katy Fro		0			Cour	nty:	Houston		
City:	Houston		Stat	te <u>:</u>	Т	exas			Zip code	77024
Phone	number: 713-264-2517			_ E-mail	: bmould	er@spur	eplic.om	í		
	VELL DRILLER INFOR		ces: HCI Dri	lling						
New I	Mexico Well Driller Licens	se No.: 1731				Expirati	ion Date	2/23		
Note:	A copy of the existing We GPS Well Location:	—	form WD-08m well(s) to be	and skip to e plugged	o #2 in this sold be	section.			on the sam	e site and att
Note:	A copy of the existing We GPS Well Location:	Latitude: Longitude:	form WD-08m well(s) to be 32	and skip to	o #2 in this sold be	section. e attached	d to this	plan.		e site and att
Note:	A copy of the existing We	Latitude: Longitude: well(s):	well(s) to be 32	and skip to e plugged _deg, _deg,	o #2 in this s I should be 48 5	e attached min, min,	d to this 4.91 15.24	plan. sec _sec, N	AD 83	
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WD-08 Well Plugging Plan Version: July 31, 2019

Page 1 of 5

7)	Inside diameter of innermost casing:inches.
8)	Casing material: Sch 40 PVC
9)	The well was constructed with: an open-hole production interval, state the open interval: a well screen or perforated pipe, state the screened interval(s): 50'-150'
10)	What annular interval surrounding the artesian casing of this well is cement-grouted? No
11)	Was the well built with surface casing?NOIf yes, is the annulus surrounding the surface casing grouted or otherwise sealed?If yes, please describe:
12)	Has all pumping equipment and associated piping been removed from the well? Yes If not, describe remaining equipment and intentions to remove prior to plugging in Section VII of this form. ESCRIPTION OF PLANNED WELL PLUGGING: If plugging method differs between multiple wells on same site, a separate form must be completed for each method.
	physical logs, that are necessary to adequately describe the proposal. Attach a copy of any signed OSE variance to this plugging plan. If this planned plugging plan requires a variance to 19.27.4 NMAC, attach a detailed variance request signed by the applicant. Describe the method by which cement grout shall be placed in the well, or describe requested plugging methodology proposed for the well:
	Tremmie
2)	Will well head be cut-off below land surface after plugging?
VI. F	PLUGGING AND SEALING MATERIALS:
	The plugging of a well that taps poor quality water may require the use of a specialty cement or specialty sealant. Attach a copy of the batch mix re he cement company and/or product description for specialty cement mixes or any sealant that deviates from the list of OSE approved sealants.
1)	For plugging intervals that employ cement grout, complete and attach Table A.
2)	For plugging intervals that will employ approved non-cement based sealant(s), complete and attach Table B.
3)	Theoretical volume of grout required to plug the well to land surface: 15 gallons
4)	Type of Cement proposed: neat
5)	Proposed cement grout mix: 5.2 gallons of water per 94 pound sack of Portland cement.
6)	Will the grout be:batch-mixed and delivered to the site mixed on site USE DII MAY 18 2022 №11:09

)	Grout additives requested, and percent by	dry weight relative to cement:	
	N/A		
	A CONTRACTOR OF THE CONTRACTOR		
	Additional notes and calculations:		
	N/A		
	11.5		
II.	ADDITIONAL INFORMATION: List ad	ditional information below, or on separate sheet	(s):
		mine the depth and quality of groundwater, groun	
Jos per ngii	neer pertaining to the plugging of wells and v	, say that I have carefully read the foregoing hereof; that I am familiar with the rules and regulated the comply with them, and that each and all of the	lations of the State
rugg	ing Plan of Operations and attachments are t	rue to the best of my knowledge and belief.	545/9000
		Jay Ju	5/16/2022
		Signature of Applicant	Date
	ACTION OF THE STATE ENGINEER:		
his	Well Plugging Plan of Operations is:		
	×	OSE OII	MAY 18 2022 AM11:09
	Approved subject to the attache Not approved for the reasons pr	ed conditions.	MAY 18:2022 PM11:03
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	Not approved for the reasons pr	ed conditions. rovided on the attached letter. day of May Mike A. Hamman John R. D'Antonio Jr. P.E., New M	exico State Engineer
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	Not approved for the reasons pr	ed conditions. rovided on the attached letter. day of May Mike A. Hamman John R. D'Antonio Jr. P.E., New M	exico State Engineer
	Not approved for the reasons pr	day of May	exico State Engineer

TABLE A - For plugging intervals that employ cement grout. Start with deepest interval.

	Interval 1 – deepest	Interval 2	Interval 3 – most shallow
			Note: if the well is non-artesian and breaches only one aquifer, use only this column.
Top of proposed interval of grout placement (ft bgl)	0		
Bottom of proposed interval of grout placement (ft bgl)	150'		
Theoretical volume of grout required per interval (gallons)	15		
Proposed cement grout mix gallons of water per 94-lb. sack of Portland cement	5.2		
Mixed on-site or batch- mixed and delivered?	onsite		
Grout additive 1 requested	N/A		
Additive 1 percent by dry weight relative to cement	N/A		
Grout additive 2 requested	N/A		
Additive 2 percent by dry weight relative to cement	N/A		

OSE DII MAY 18 2022 M11:10

WD-08 Well Plugging Plan Version: July 31, 2019 Page 4 of 5

TABLE B - For plugging intervals that will employ approved non-cement based sealant(s). Start with deepest interval.

	Interval 1 – deepest	Interval 2	Interval 3 – most shallow
			Note: if the well is non-artesian and breaches only one aquifer, use only this column.
Top of proposed interval of sealant placement (ft bgl)	N/A		
Bottom of proposed sealant of grout placement (ft bgl)	N/A		
Theoretical volume of sealant required per interval (gallons)	N/A		
Proposed abandonment sealant (manufacturer and trade name)	N/A		

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WD-08 Well Plugging Plan Version: July 31, 2019

Page 5 of 5

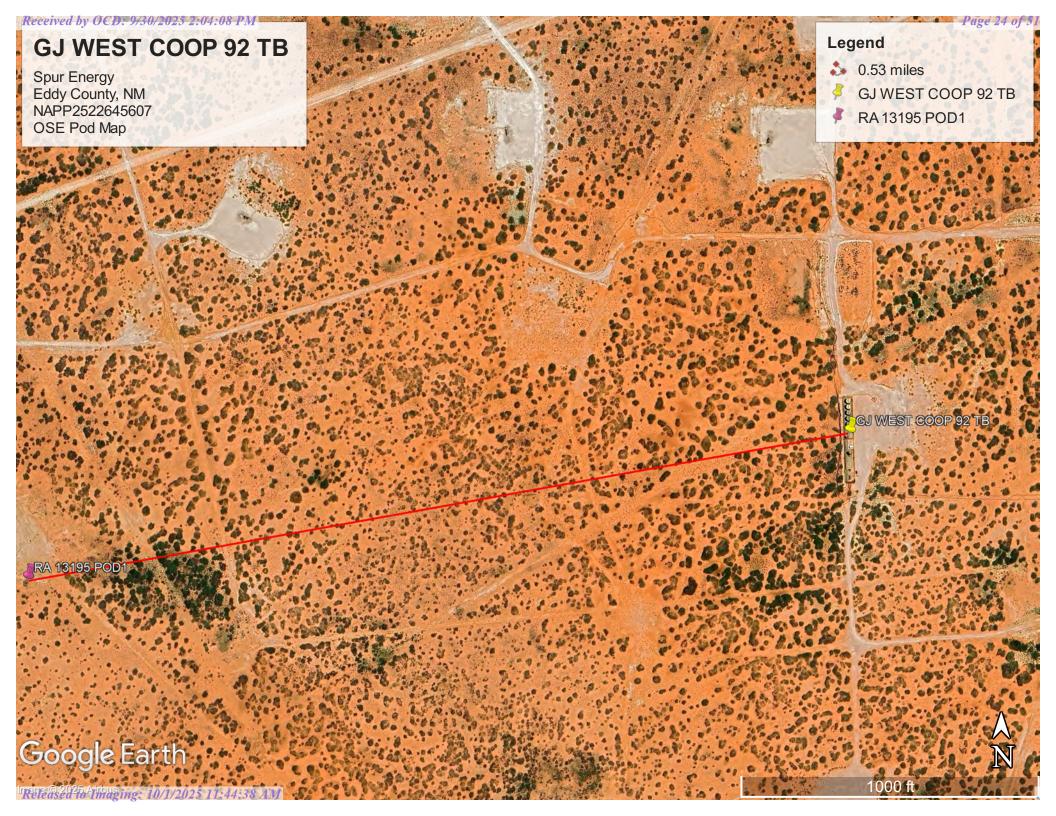
Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE NAD83 UTM in meters quarters are smallest to largest **Well Tag POD Nbr** Q64 Q16 Q4 Tws Rng Χ Map Sec 17S NA RA 13195 POD1 NW SW SW 28 29E 585427.7 3629635.0 * UTM location was derived from PLSS - see Help **Driller License: Driller Company: Driller Name: Drill Start Date: Drill Finish Date:** Plug Date: Log File Date: **PCW Rcv Date:** Source: **Pump Type: Pipe Discharge Size: Estimated Yield:** Casing Size: **Depth Well: Depth Water:**

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.

8/14/25 2:12 PM MST Point of Diversion Summary

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USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources	Data Category:	Geographic Area:	
0303 Water Resources	Groundwater ~	United States	∨ GO

Click to hideNews Bulletins

 Explore the NEW <u>USGS National Water Dashboard</u> interactive map to access realtime water data from over 13,500 stations nationwide.

Groundwater levels for the Nation

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

Search Results -- 1 sites found

Agency code = usgs site_no list =

325122104151001

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

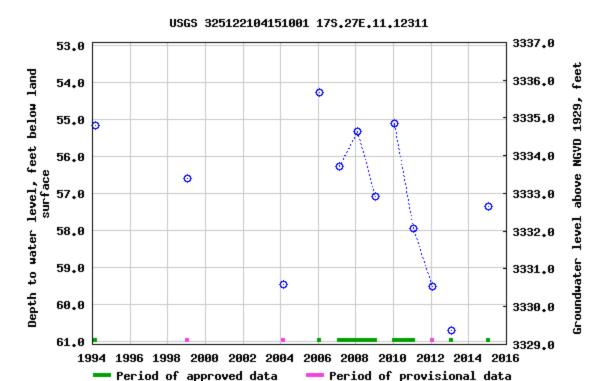
USGS 325122104151001 17S.27E.11.12311

Available data for this site	Groundwater:	Field measurements	~][[GO]
Eddy County, New Mexico				
Hydrologic Unit Code 1306	0011			
Latitude 32°51'22", Longi	tude 104°1!	5'10" NAD27		
Land-surface elevation 3,3	90 feet abo	ve NGVD29		
The depth of the well is 10	0.00 feet be	elow land surface	<u> </u>	
This well is completed in the	ne Other aq	uifers (N9999OT	HER)) national aquife

This well is completed in the Artesia Group (313ARTS) local aquifer.

Output formats

Table of data	
Tab-separated data	
Graph of data	
Reselect period	



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

Questions or Comments
Help
Data Tips
Explanation of terms
Subscribe for system changes

Accessibility

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

Title: Groundwater for USA: Water Levels

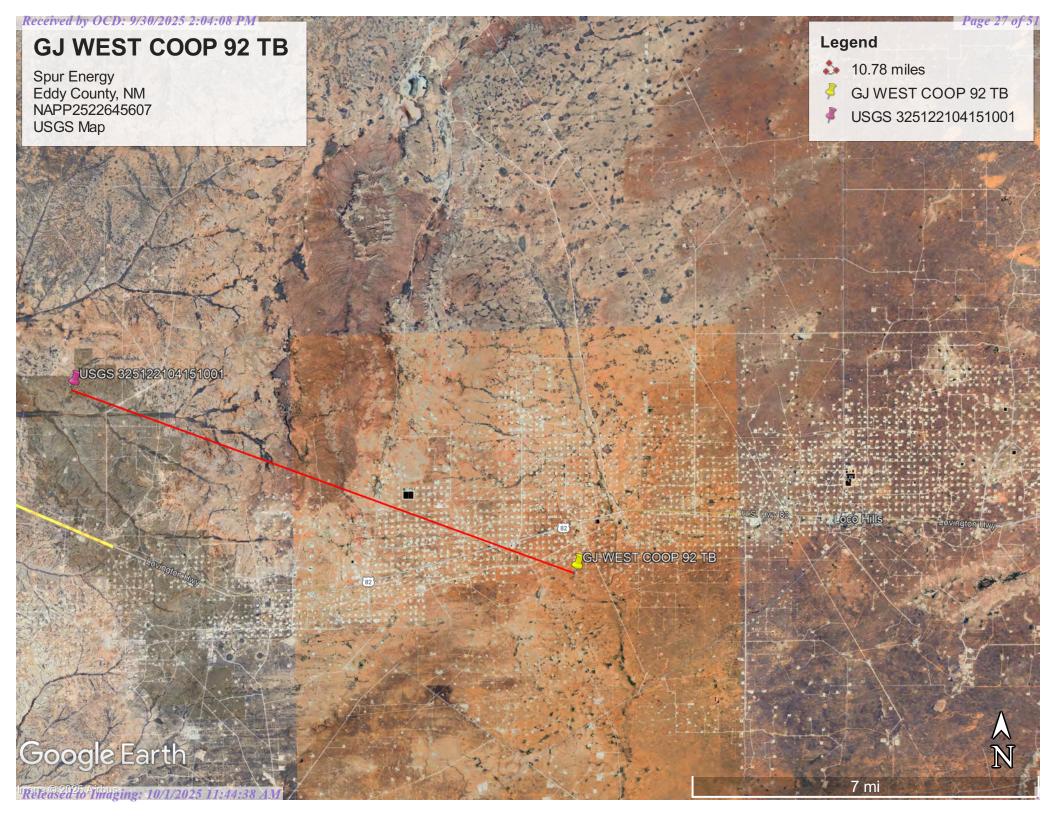
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

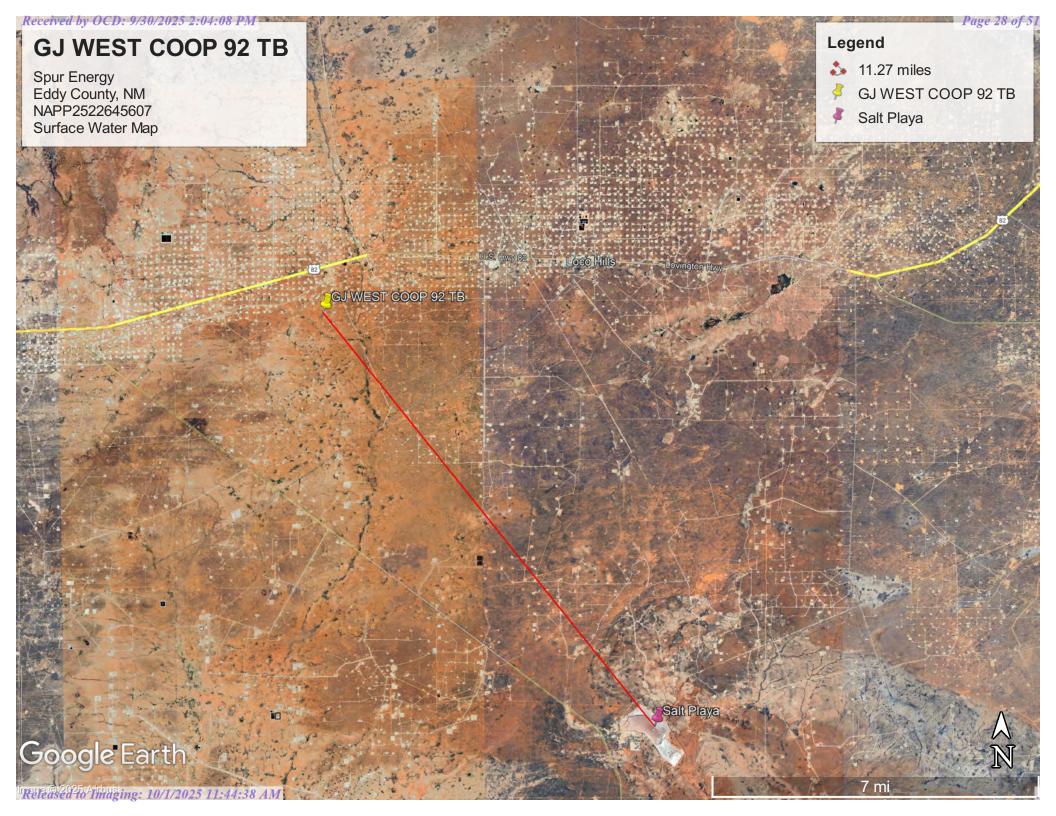
Page Contact Information: <u>USGS Water Data Support Team</u>

Page Last Modified: 2025-08-14 16:38:54 EDT

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Appendix B

- Soil Survey & Soil Maps
- Geological Data
- FEMA Flood Map
- Wetlands Map

Eddy Area, New Mexico

BD—Berino-Dune land complex, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w44 Elevation: 2,450 to 5,500 feet

Mean annual precipitation: 8 to 15 inches

Mean annual air temperature: 57 to 70 degrees F

Frost-free period: 180 to 230 days

Farmland classification: Not prime farmland

Map Unit Composition

Berino and similar soils: 45 percent

Dune land: 40 percent

Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of

the mapunit.

Description of Berino

Setting

Landform: Plains, fan piedmonts

Landform position (three-dimensional): Riser

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

Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 17 inches: fine sandy loam H2 - 17 to 50 inches: sandy clay loam H3 - 50 to 60 inches: loamy sand

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 40 percent

Maximum salinity: Very slightly saline to slightly saline (2.0 to 4.0

mmhos/cm)

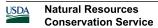
Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Moderate (about 7.7)

inches)

Interpretive groups

Land capability classification (irrigated): 3e



Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: B

Ecological site: R070BC007NM - Loamy

Hydric soil rating: No

Description of Dune Land

Setting

Landform: Dune fields

Landform position (two-dimensional): Shoulder, backslope,

footslope

Landform position (three-dimensional): Talf

Down-slope shape: Convex, linear Across-slope shape: Convex, linear

Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 6 inches: sandy loam H2 - 6 to 60 inches: sandy loam

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7e

Hydric soil rating: No

Minor Components

Active dune land

Percent of map unit: 5 percent

Hydric soil rating: No

Cacique

Percent of map unit: 5 percent

Ecological site: R070BD004NM - Sandy

Hydric soil rating: No

Kermit

Percent of map unit: 5 percent

Ecological site: R070BD005NM - Deep Sand

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico Survey Area Data: Version 20, Sep 3, 2024

Conservation Service



Soil Map—Eddy Area, New Mexico

MAP LEGEND

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Map Unit Polygons



Soil Map Unit Lines



Soil Map Unit Points

Special Point Features

Blowout \odot

Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



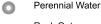
Marsh or swamp



Mine or Quarry



Miscellaneous Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot

Spoil Area Stony Spot



Very Stony Spot



Wet Spot Other



Special Line Features

Water Features

Streams and Canals

Transportation

Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

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

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

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

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

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

Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Eddy Area, New Mexico Survey Area Data: Version 20, 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: Nov 12, 2022—Dec 2, 2022

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
BD	Berino-Dune land complex, 0 to 3 percent slopes	5.5	100.0%
Totals for Area of Interest		5.5	100.0%

(https://www.usgs.gov/)

Mineral Resources (https://www.usgs.gov/energy-and-minerals/mineral-resources-program)

- / Online Spatial Data (/) / Geology (/geology/) / by state (/geology/state/)
- / New Mexico (/geology/state/state.php?state=NM)

Eolian and piedmont deposits

XML (/geology/state/xml/NMQep;0)	JSON (/geology/state/json/NMQep;0)
Shapefile (/geology/state/unit-shape.p	php?unit=NMQep;0)

Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits.

State	New Mexico (/geology/state/state.php?state=NM)		
Name	Eolian and piedmont deposits		
Geologic age	Holocene to middle Pleistocene		
Lithologic constituents	Major Unconsolidated (Eolian) Interlayered eolian sands and piedmont-slope deposits		
References	New Mexico Bureau of Geology and Mineral Resources, 2003, Geologic Map of New Mexico, scale 1:500,000 (includes some new polygons, faults, and attributes not in NM001 - heads up digitizing by JHorton).		

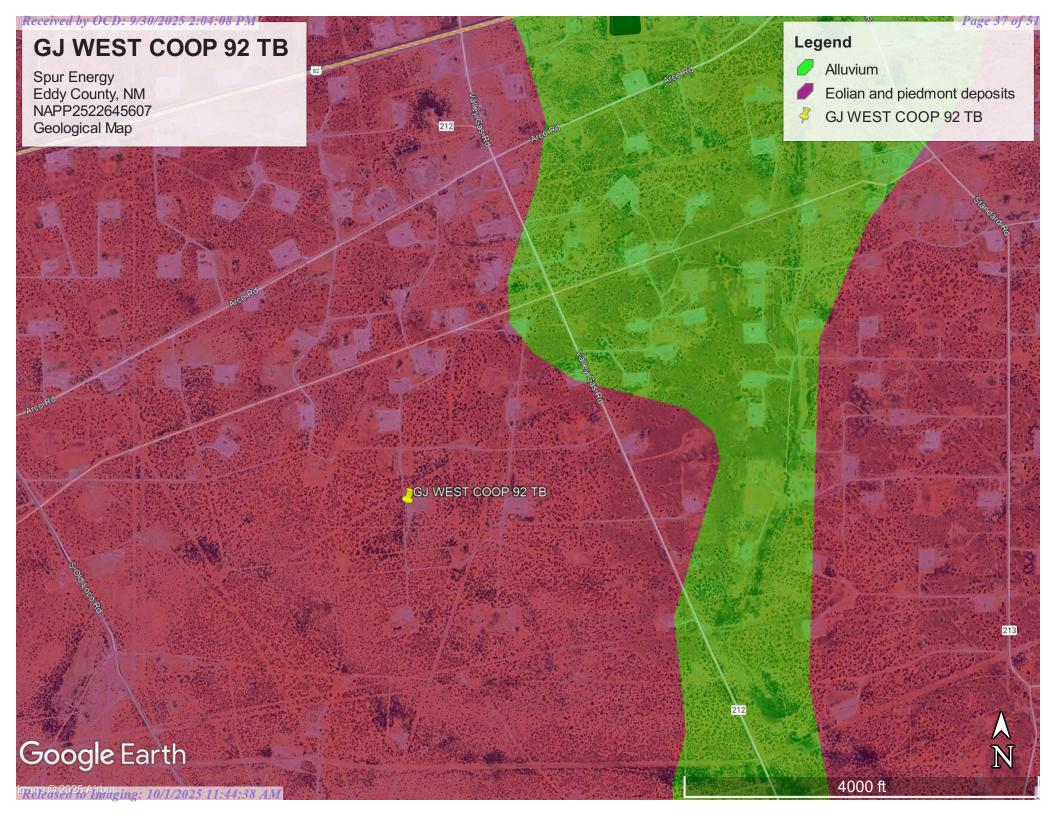
NGMDB	NGMDB product page for 22974
product	(https://ngmdb.usgs.gov/Prodesc/proddesc_22974.htm)
Counties	Chaves (/geology/state/fips-unit.php?code=f35005) - DeBaca (/geology/state/fips-unit.php?code=f35011) - Eddy (/geology/state/fips-unit.php?code=f35015) - Lea (/geology/state/fips-unit.php?code=f35025) - Roosevelt (/geology/state/fips-unit.php?code=f35041)

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Contact USGS (https://answers.usgs.gov/)

U.S. Department of the Interior (https://www.doi.gov/) | DOI Inspector General (https://www.doioig.gov/) |

White House (https://www.whitehouse.gov/) | E-gov (https://www.whitehouse.gov/omb/management/egov/) |

No Fear Act (https://www.doi.gov/pmb/eeo/no-fear-act) | FOIA (https://www2.usgs.gov/foia)



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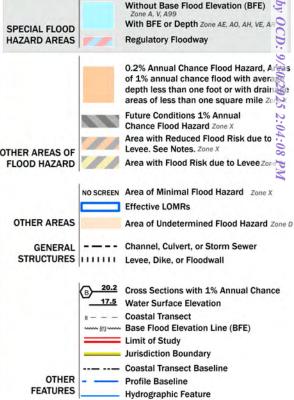
500

1,000

1,500

Legend

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



MAP PANELS

No Digital Data Available Unmapped

Digital Data Available

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

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 flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 8/14/2025 at 8:10 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.

1:6,000

2,000

Received by OCD: 9/30/2025 2:04:08 PM



U.S. Fish and Wildlife Service

National Wetlands Inventory

Wetlands



August 14, 2025

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond



Other



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.



Appendix C

- 48-Hour Notification
- Liner Inspection Form

Sebastian@pimaoil.com

From: OCDOnline@state.nm.us

Sent: Wednesday, August 20, 2025 4:40 PM

To: sebastian@pimaoil.com

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

497926

To whom it may concern (c/o Sebastian Orozco for Spur Energy Partners LLC),

The OCD has received the submitted *Notification for Liner Inspection for a Release* (C-141L), for incident ID (n#) nAPP2522645607.

The liner inspection is expected to take place:

When: 08/25/2025 @ 13:00

Where: J-28-17S-29E 0 FNL 0 FEL (32.80263,-104.07863)

Additional Information: Andrew Franco

806-200-0054

Additional Instructions: 32.802670,-104.078611

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



Liner Inspection Form

Company Name:	Spur Energy					
Site:	GJ WEST COOP 92 TB					
Lat/Long:	32.802670,-104.078611					
NMOCD Incident ID & Incident Date:						
2-Day Notification Sent:						
Inspection Date:	08/25	/2025				
Liner Type:	Earthen w/liner Earthen no liner			er	Polystar	
	Steel w/	poly line	er	Steel w/spray	epoxy	No Liner
Other:						
Visualization	Yes	No		Coi	nments	
Is there a tear in the liner?		X				
Are there holes in the liner?	;	X				
Is the liner retaining any fluids?		X				
Does the liner have integrity to contain a leak?	X					
Comments:						
Inspector Name: <u>Andrew Franco</u> Inspector Signature: <u>Andrew Franco</u>						



Appendix D

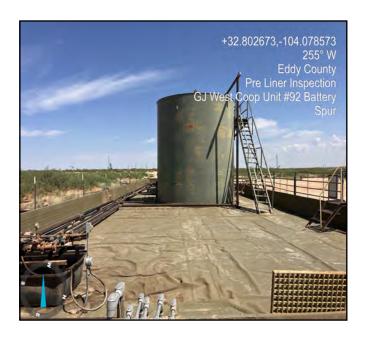
Photographic Documentation

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PHOTOGRAPHIC DOCUMENTATION

SITE NAME: GJ West Coop 92 TB

Liner Inspection:



Photos taken post Liner Inspection facing west.



Photos taken post Liner Inspection facing northwest.



Photos taken post Liner Inspection facing south.



Photos taken post Liner Inspection facing northwest.

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PHOTOGRAPHIC DOCUMENTATION

SITE NAME: GJ West Coop 92 TB

Aerial Photos:



Aerial photos.

Aerial photos.



Aerial photos.



Aerial photos.

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 510797

QUESTIONS

Operator:	OGRID:
Spur Energy Partners LLC	328947
9655 Katy Freeway	Action Number:
Houston, TX 77024	510797
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites		
Incident ID (n#)	nAPP2522645607	
Incident Name	NAPP2522645607 GJ WEST COOP 92 TB @ J-28-17S-29E	
Incident Type	Produced Water Release	
Incident Status	Remediation Closure Report Received	

Location of Release Source		
Please answer all the questions in this group.		
Site Name	GJ WEST COOP 92 TB	
Date Release Discovered	08/12/2025	
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	

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	Not answered.		
Produced Water Released (bbls) Details	Cause: Other Fitting Produced Water Released: 12 BBL Recovered: 10 BBL Lost: 2 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)	HAMMER UNION ON WATER LINE TO TANKS WAS LOOSE AND RELEASED PW INTO LINED CONTAINMENT		

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 2

Action 510797

QUESTI	IONS (continued)
Operator:	OGRID:
Spur Energy Partners LLC	328947
9655 Katy Freeway	Action Number:
Houston, TX 77024	510797
	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	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
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	safety hazard that would result in injury.
The source of the release has been stopped	True
	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	N/A
	idation 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 evaluation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releate 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 it does not relieve the operator of responsibility for compliance with any other federal, state, or
	Name: Katherine Purvis
I hereby agree and sign off to the above statement	Title: EHS Coordinator
Thoroby agree and sign on to the above statement	Email: katherine.purvis@spurenergy.com Date: 09/30/2025

General Information Phone: (505) 629-6116

QUESTIONS

storage site

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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 3

Action 510797

QUESTIONS (continued)

Operator:	OGRID:
Spur Energy Partners LLC	328947
9655 Katy Freeway	Action Number:
Houston, TX 77024	510797
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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 What is the shallowest depth to groundwater beneath the area affected by the Between 100 and 500 (ft.) release in feet below ground surface (ft bgs) What method was used to determine the depth to ground water NM OSE iWaters Database Search Did this release impact groundwater or surface water 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 Greater than 5 (mi.) Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) Greater than 5 (mi.) An occupied permanent residence, school, hospital, institution, or church Greater than 5 (mi.) A spring or a private domestic fresh water well used by less than five households Between ½ and 1 (mi.) for domestic or stock watering purposes 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.) Between ½ and 1 (mi.) 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 A 100-year floodplain

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	08/25/2025	
On what date will (or did) the final sampling or liner inspection occur	08/25/2025	
On what date will (or was) the remediation complete(d)	08/25/2025	
What is the estimated surface area (in square feet) that will be remediated	8500	
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

No

Between 500 and 1000 (ft.)

Released to Imaging: 10/1/2025 11:44:38 AM

Did the release impact areas not on an exploration, development, production, or

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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 510797

QUESTIONS (continued)

Operator:	OGRID:
Spur Energy Partners LLC	328947
9655 Katy Freeway	Action Number:
Houston, TX 77024	510797
	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	No		
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: Katherine Purvis Title: EHS Coordinator

Email: katherine.purvis@spurenergy.com

Date: 09/30/2025

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.

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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 510797

	Fe, NM 87505
QUESTI	IONS (continued)
Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID:
11005(01), 17/1024	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	
Liner Inspection Information	
Last liner inspection notification (C-141L) recorded	497926
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	08/25/2025
Was all the impacted materials removed from the liner	Yes
What was the liner inspection surface area in square feet	8500
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	emediation steps have been completed. 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	8500
What was the total volume (cubic yards) remediated	0
Summarize any additional remediation activities not included by answers (above)	LINER WAS POWERWASHED AND INSPECTED AND FOUND TO HAVE THE ABILITY TO CONTAIN SPILLS
	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 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 to 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 no notification to the OCD when reclamation and re-vegetation are complete.
I hereby agree and sign off to the above statement	Name: Katherine Purvis Title: EHS Coordinator Email: katherine.purvis@spurenergy.com Date: 09/30/2025

General Information Phone: (505) 629-6116

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CONDITIONS

Action 510797

CONDITIONS

Operator:	OGRID:
Spur Energy Partners LLC	328947
9655 Katy Freeway	Action Number:
Houston, TX 77024	510797
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created B		Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2522645607 GJ WEST COOP 92 TB, thank you. This Remediation Closure Report is approved.	10/1/2025