




					Gathering	3/7/2025	3/8/2025	3/9/2025	3/10/2025
<b>Asset</b>	<b>System</b>	<b>Counterparty</b>	<b>Data Source</b>	<b>Meter Number</b>	<b>Daily Customer Volumes</b>				
DDG	Lea	Matador	SCADA	LE100008	Big Buck 1	-	-	-	4
DDG	Lea	Matador	SCADA	LE100009	Big Buck 2	215	-	-	789
DDG	Lea	Matador	SCADA	LE100010	Big Buck 3	478	174	-	3,724
DDG	Lea	Matador	SCADA	LE100011	Big Buck 4	3,695	4,222	4,086	-
					<b>Imbalance</b>				
					<b>System Imbalance</b>				<b>321</b>
					Calculated				
					Calculated				
					% Imbalance	0.00%	0.00%	0.00%	0.25%
					Daily Total of Big Buck 1-4	4,388	4,396	4,086	4,517
					Total of Big Buck 1-4	17,387			
					4 Day Average	4,346.75			
					4 Day Average - System Imbalance	4,025.75			



### Site map

DKL Energy - Cottonwood, LLC  
Big Buck (03.11.2025)  
32.499358,-103.632389

**Legend** [Page 2 of 22](#)

-  Buried Pipeline
-  Point of Release
-  Release Area



200 ft





# PHOTOGRAPHIC LOG

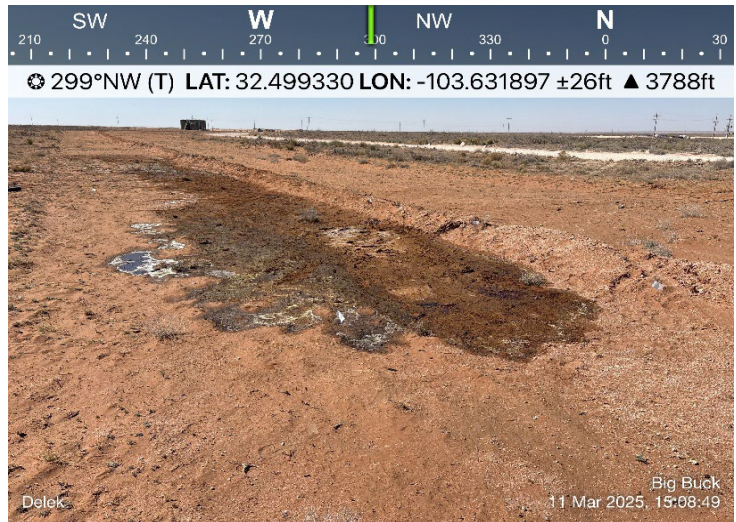
## Delek Logistics Company

### Photograph No. 1

**Facility:** Big Buck (03.11.2025)

**County:** Lea County, New Mexico

**Description:**  
View Northwest, Area of concern.



### Photograph No. 2

**Facility:** Big Buck (03.11.25)

**County:** Lea County, New Mexico

**Description:**  
View East, area of concern.



### Photograph No. 3

**Facility:** Big Buck (03.11.2025)

**County:** Lea County, New Mexico

**Description:**  
View Northeast, area of concern.





# PHOTOGRAPHIC LOG

## Delek Logistics Company

### Photograph No. 4

**Facility:** Big Buck (03.11.2025)

**County:** Lea County, New Mexico

**Description:**  
View East, Area of concern.



### Photograph No. 5

**Facility:** Big Buck (03.11.25)

**County:** Lea County, New Mexico

**Description:**  
View Northeast, Area of concern.

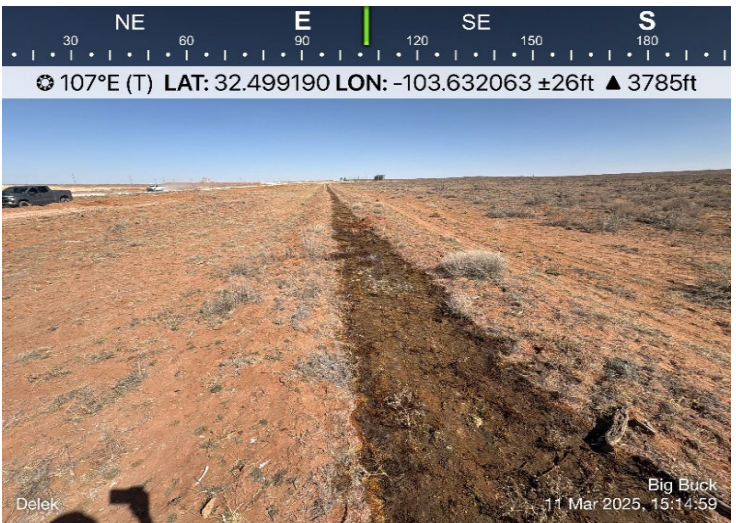


### Photograph No. 6

**Facility:** Big Buck (03.11.2025)

**County:** Lea County, New Mexico

**Description:**  
View East, area of concern.





# PHOTOGRAPHIC LOG

## Delek Logistics Company

### Photograph No. 7

**Facility:** Big Buck (03.11.2025)

**County:** Lea County, New Mexico

**Description:**  
View West, Area of concern

f

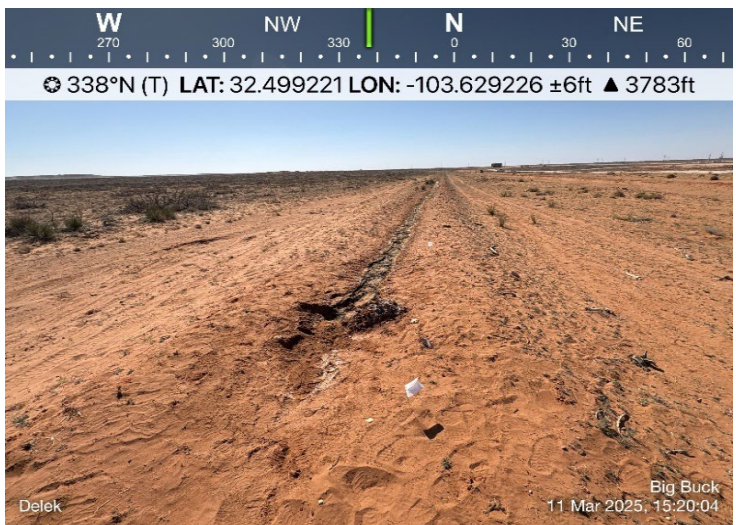


### Photograph No. 8

**Facility:** Big Buck (03.11.25)

**County:** Lea County, New Mexico

**Description:**  
View North, Area of concern.



### Photograph No. 9

**Facility:** Big Buck (03.11.2025)

**County:** Lea County, New Mexico

**Description:**  
View East, Excavated area to expose line where point of release was.



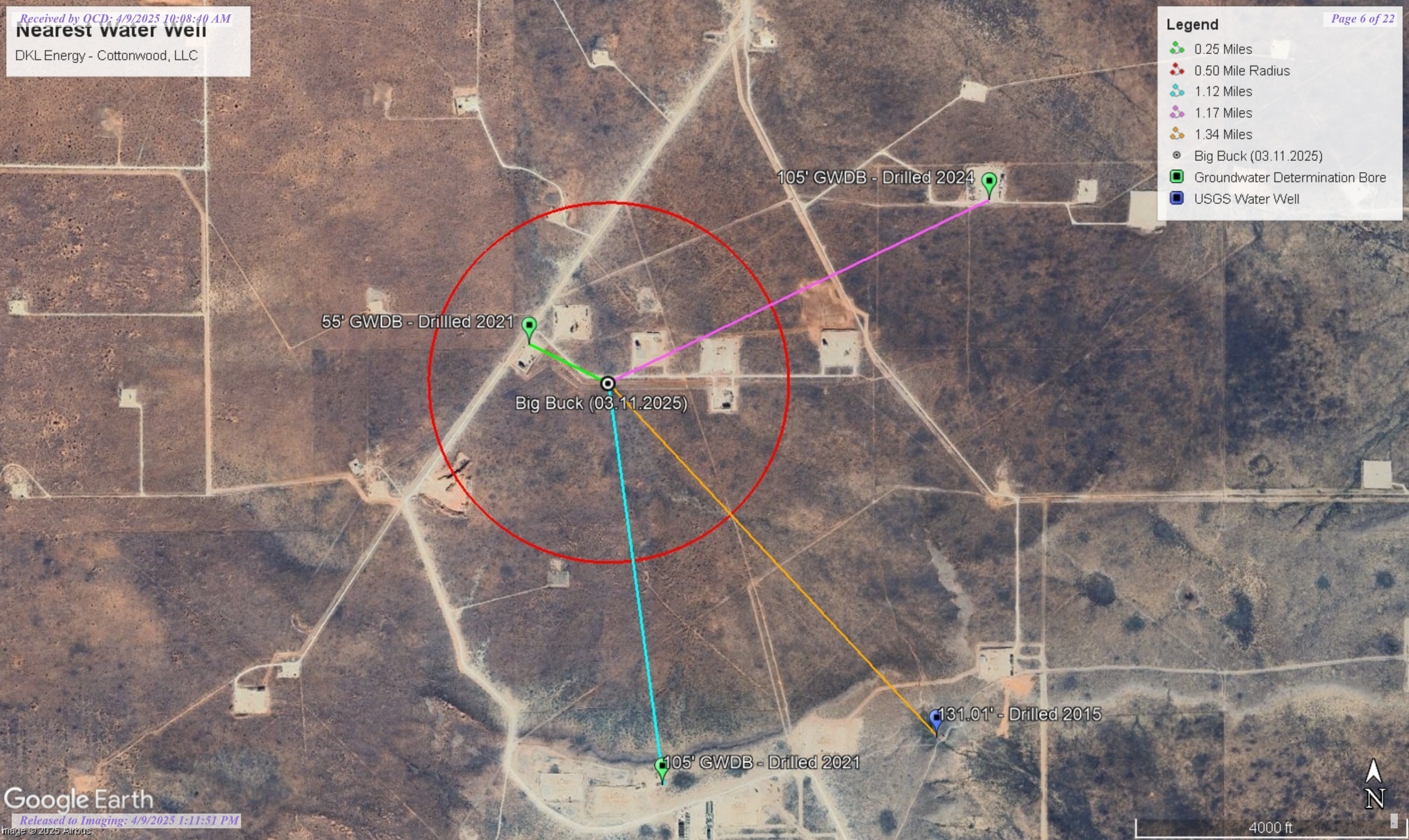


### Nearest Water Well

DKL Energy - Cottonwood, LLC

#### Legend

- 0.25 Miles
- 0.50 Mile Radius
- 1.12 Miles
- 1.17 Miles
- 1.34 Miles
- Big Buck (03.11.2025)
- Groundwater Determination Bore
- USGS Water Well



55' GWDB - Drilled 2021

105' GWDB - Drilled 2024

Big Buck (03.11.2025)

131.01' - Drilled 2015

105' GWDB - Drilled 2021



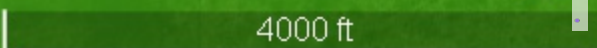


# Low Karst

DKL Energy - Cottonwood, LLC

## Legend

- Big Buck (03.11.2025)
- Low





# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

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

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

(quarters are smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
<a href="#">CP 01884 POD1</a>		CP	LE	SW	SW	SW	01	21S	32E	628120.8	3596776.5	●	393	55		
<a href="#">CP 00793 POD1</a>		CP	LE	NW	NW	NE	01	21S	32E	628932.0	3598270.0 *	●	1719	1000		
<a href="#">CP 01877 POD1</a>		CP	LE	SE	NE	NW	13	21S	32E	628739.3	3594827.3	●	1802			
<a href="#">CP 02032 POD1</a>		CP	LE	NW	NE	SW	06	21S	33E	630164.2	3597443.5	●	1880	105		
<a href="#">CP 00794 POD1</a>		CP	LE	SE	NW	NW	18	21S	33E	629976.0	3594865.0 *	●	2300	160		
<a href="#">CP 00795 POD1</a>		CP	LE	SE	NW	NW	18	21S	33E	629976.0	3594865.0 *	●	2300	170		

Average Depth to Water: **0 feet**

Minimum Depth: **0 feet**

Maximum Depth: **0 feet**

**Record Count:** 6

**UTM Filters (in meters):**

**Easting:** 628478.00

**Northing:** 3596611.00

**Radius:** 4000

\* UTM location was derived from PLSS - see Help

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





# WELL RECORD & LOG

## OFFICE OF THE STATE ENGINEER

[www.ose.state.nm.us](http://www.ose.state.nm.us)

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) <b>POD1 (BH-01)</b>		WELL TAG ID NO. <b>n/a</b>		OSE FILE NO(S). <b>CP-1884</b>		
	WELL OWNER NAME(S) <b>Ascent Energy</b>				PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS <b>P.O Box 270983</b>				CITY <b>Littleton</b>	STATE <b>CO</b>	ZIP <b>80127</b>
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE <b>32</b>		MINUTES <b>30</b>	SECONDS <b>3.18</b>	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84	
		LONGITUDE <b>103</b>		<b>38</b>	<b>10.22</b>		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE <b>SW SW SW Sec. 01 T21S R32E</b>							

2. DRILLING & CASING INFORMATION	LICENSE NO. <b>1249</b>	NAME OF LICENSED DRILLER <b>Jackie D. Atkins</b>			NAME OF WELL DRILLING COMPANY <b>Atkins Engineering Associates, Inc.</b>			
	DRILLING STARTED <b>09/08/2021</b>	DRILLING ENDED <b>09/08/2021</b>	DEPTH OF COMPLETED WELL (FT) <b>temporary well material</b>	BORE HOLE DEPTH (FT) <b>55</b>	DEPTH WATER FIRST ENCOUNTERED (FT) <b>n/a</b>			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) <b>n/a</b>			
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: <b>Hollow Stem Auger</b>							
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	<b>0</b>	<b>55</b>	<b>±6.5</b>	<b>Boring- HSA</b>	<b>-</b>	<b>--</b>	<b>--</b>	<b>-</b>

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 06/30/17)			
FILE NO. <b>CP-1884</b>	POD NO. <b>1</b>	TRN NO. <b>699871</b>			
LOCATION <b>21S-32E-01 333</b>			WELL TAG ID NO. <b>N/A</b>	PAGE 1 OF 2	




4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
	FROM	TO				
	0	9	9	Sand, Medium/fine, with some caliche, Red	Y ✓ N	
	9	14	5	Sand, Medium/fine, with some caliche, Brown	Y ✓ N	
	14	24	10	Caliche with Medium/fine sand, Off white	Y ✓ N	
	24	34	10	Sand, Medium/fine, with some caliche, Brown	Y ✓ N	
	34	55	21	Caliche with Medium/fine sand, Off white	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm): 0.00	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.	
		MISCELLANEOUS INFORMATION: Temporary well materials removed and the soil boring backfilled using drill cuttings from total depth to ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface to surface.	
		PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt and Carmelo Trevino	

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 SIGNATURE OF DRILLER / PRINT SIBNEE NAME	Jackie D. Atkins

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 06/30/2017)	
FILE NO. CP-1884	POD NO. 1	TRN NO. 699871	
LOCATION 215-32E-01 333	WELL TAG ID NO. N/A	PAGE 2 OF 2	





# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

[www.ose.state.nm.us](http://www.ose.state.nm.us)

<b>1. GENERAL AND WELL LOCATION</b>	OSE POD NO. (WELL NO.) POD1 (TW-1)		WELL TAG ID NO. n/a		OSE FILE NO(S). <del>C-1877</del> CP-1877		
	WELL OWNER NAME(S) Advanced Energy Partners				PHONE (OPTIONAL) 832.672.4700		
	WELL OWNER MAILING ADDRESS 11490 Westheimer Rd. Stuit 950				CITY Houston	STATE TX	ZIP 77077
	WELL LOCATION (FROM GPS)	DEGREES	MINUTES	SECONDS	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84		
		LATITUDE	32	28		59.64	N
	LONGITUDE	103	37	47.48	W		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SE NE NW Sec. 13 T21S R32E							

<b>2. DRILLING &amp; CASING INFORMATION</b>	LICENSE NO. 1249	NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.			
	DRILLING STARTED 09/21/2021	DRILLING ENDED 09/21/2021	DEPTH OF COMPLETED WELL (FT) temporary well material	BORE HOLE DEPTH (FT) 105	DEPTH WATER FIRST ENCOUNTERED (FT) n/a			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) n/a			
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger							
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
0	105	±6.5	Boring- HSA	--	--	--	--	

<b>3. ANNULAR MATERIAL</b>	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				

USE DIRECT 2/2/2021 #245

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/30/17)

FILE NO. CP-1877	POD NO. 1	TRN NO. 099501
LOCATION Mon 215.32E.13.124	WELL TAG ID NO. —	PAGE 1 OF 2




DEPTH (feet bgl)	THICKNESS (feet)		COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
	FROM	TO			
0	19	19	Caliche, consolidated with sand, White	Y <input checked="" type="checkbox"/> N	
19	29	10	Sand, Fine-grained, poorly graded, Tan	Y <input checked="" type="checkbox"/> N	
29	105	76	Sand, Fine-grained, poorly graded, Reddish Brown	Y <input checked="" type="checkbox"/> N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
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				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY:				TOTAL ESTIMATED WELL YIELD (gpm): 0.00	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION:	Temporary well materials removed and the soil boring backfilled using drill cuttings from total depth to ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface to surface. Logs adapted from WSP on-site geologist.
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:	Shane Eldridge, Carmelo Trevino, Cameron Pruitt

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 Jackie D. Atkins SIGNATURE OF DRILLER / PRINT SIGNEE NAME	DSE DT OCT 22 2021 PM 2:45 10-22-2021 DATE

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 06/30/2017)	
FILE NO. CP-1877	POD NO. 1	TRN NO. 699501	
LOCATION Mon 215.32E.13.124	WELL TAG ID NO.		PAGE 2 OF 2





# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

<b>1. GENERAL AND WELL LOCATION</b>	OSE POD NO (WELL NO) POD 1		WELL TAG ID NO N/A		OSE FILE NO(S) CP 02022 POD1	
	WELL OWNER NAME(S) Matador Production Company				PHONE (OPTIONAL)	
	WELL OWNER MAILING ADDRESS R347 N26th Rural Street 2nd Floor				CITY Artesia	STATE ZIP NM 88210
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 30	SECONDS 23.98	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84
LONGITUDE -103 36 51.6 W						
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE Unit K, Section 06, T 21S, R 33E, Lea, County						

<b>2. DRILLING &amp; CASING INFORMATION</b>	LICENSE NO WD1188	NAME OF LICENSED DRILLER John Scarborough			NAME OF WELL DRILLING COMPANY John Scarborough Drilling Inc.			
	DRILLING STARTED 11/12/2024	DRILLING ENDED 11/12/2024	DEPTH OF COMPLETED WELL (FT) 105	BORE HOLE DEPTH (FT) 105	DEPTH WATER FIRST ENCOUNTERED (FT) N/A			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A			
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:							
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	105	5.00	Soil Boring				

<b>3. ANNULAR MATERIAL</b>	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				
				N/A		

FOR OSE INTERNAL USE			WR-20 WELL RECORD & LOG (Version 04/30/19)		
FILE NO.	POD NO.	TRN NO.			
LOCATION	WELL TAG ID NO.	PAGE 1 OF 2			



4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
	FROM	TO				
	0	10	10	Sand with Gravel, Red, Fine grained with small to large gravel	Y ✓ N	
	10	20	10	Sand with Gravel, Red, Fine grained with small to large gravel	Y ✓ N	
	20	30	10	Silty Sand, Red, Fine grained	Y ✓ N	
	30	40	10	Silty Sand, Red, Fine grained	Y ✓ N	
	40	50	10	Silty Sand, Red, Fine grained	Y ✓ N	
	50	60	10	Silty Gravel with Sand, Red, Very fine to Medium Grained with Large Gravel	Y ✓ N	
	60	70	10	Silty Gravel with Sand, Red, Very fine to Medium Grained with Large Gravel	Y ✓ N	
	70	80	10	Silty Gravel with Sand, Red, Very fine to Medium Grained with Large Gravel	Y ✓ N	
	80	90	10	Silty Gravel with Sand, Red, Very fine to Medium Grained with Large Gravel	Y ✓ N	
	90	100	10	Fat Clay with Gravel, Red, Very fine with small to large gravel	Y ✓ N	
	100	105	5	Fat Clay with Gravel, Red, Very fine with small to large gravel	Y ✓ N	
	105	105	0	Fat Clay with Gravel, Red, Very fine with small to large gravel	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY: _____					TOTAL ESTIMATED WELL YIELD (gpm): 0.00	

5. TEST, RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
		MISCELLANEOUS INFORMATION:
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:	


6. SIGNATURE	BY SIGNING BELOW, I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED WELL. I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND THAT THIS WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLING.	
		Scott Scarborough <small>Digitally signed by Scott Scarborough Date: 2024.11.18 13:47:52 -0700</small>
	SIGNATURE OF DRILLER / PRINT SIGNEE NAME	

FOR OSE INTERNAL USE			WR-20 WELL RECORD & LOG (Version 04/30/2019)		
FILE NO.	POD NO.	TRN NO.			
LOCATION	WELL TAG ID NO.			PAGE 2 OF 2	



Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? S	
						Groundwater	New Mexico	GO

Click to hide News Bulletins

- Explore the [NEW USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
- [Full News](#) 

Groundwater levels for New Mexico

Click to hide state-specific text

**!** Important: [Next Generation Monitoring Location Page](#)

### Search Results -- 1 sites found

Agency code = usgs  
 site\_no list = 

- 322851103365201

Minimum number of levels = 1  
[Save file of selected sites](#) to local disk for future upload

### USGS 322851103365201 21S.33E.18.12314

Lea County, New Mexico  
 Latitude 32°29'06.6", Longitude 103°37'00.6" NAD83  
 Land-surface elevation 3,883 feet above NAVD88  
 This well is completed in the Other aquifers (N9999OTHER) national aquifer.  
 This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

#### Output formats

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
1965-11-16			D 62610		3764.22	NGVD29	1	Z		
1965-11-16			D 62611		3765.86	NAVD88	1	Z		
1965-11-16			D 72019	117.14			1	Z		
1968-03-21			D 62610		3764.19	NGVD29	1	Z		
1968-03-21			D 62611		3765.83	NAVD88	1	Z		
1968-03-21			D 72019	117.17			1	Z		
1971-02-04			D 62610		3763.86	NGVD29	1	Z		
1971-02-04			D 62611		3765.50	NAVD88	1	Z		
1971-02-04			D 72019	117.50			1	Z		
1972-09-12			D 62610		3764.56	NGVD29	1	Z		
1972-09-12			D 62611		3766.20	NAVD88	1	Z		
1972-09-12			D 72019	116.80			1	Z		
1976-12-16			D 62610		3766.56	NGVD29	1	Z		
1976-12-16			D 62611		3768.20	NAVD88	1	Z		
1976-12-16			D 72019	114.80			1	Z		



Date	Time	?	?	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	?
		Water-level date-time accuracy	Parameter code				S
1981-03-10		D	62610	3765.71	NGVD29	1	Z
1981-03-10		D	62611	3767.35	NAVD88	1	Z
1981-03-10		D	72019	115.65		1	Z
1986-03-20		D	62610	3766.51	NGVD29	1	Z
1986-03-20		D	62611	3768.15	NAVD88	1	Z
1986-03-20		D	72019	114.85		1	Z
1991-04-18		D	62610	3766.53	NGVD29	1	Z
1991-04-18		D	62611	3768.17	NAVD88	1	Z
1991-04-18		D	72019	114.83		1	Z
1996-02-20		D	62610	3765.61	NGVD29	1	S
1996-02-20		D	62611	3767.25	NAVD88	1	S
1996-02-20		D	72019	115.75		1	S
2015-12-17 22:00 UTC		m	62610	3750.35	NGVD29	P	S USGS
2015-12-17 22:00 UTC		m	62611	3751.99	NAVD88	P	S USGS
2015-12-17 22:00 UTC		m	72019	131.01		P	S USGS

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	P	Pumping
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

Questions or Comments

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Title: Groundwater for New Mexico: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>



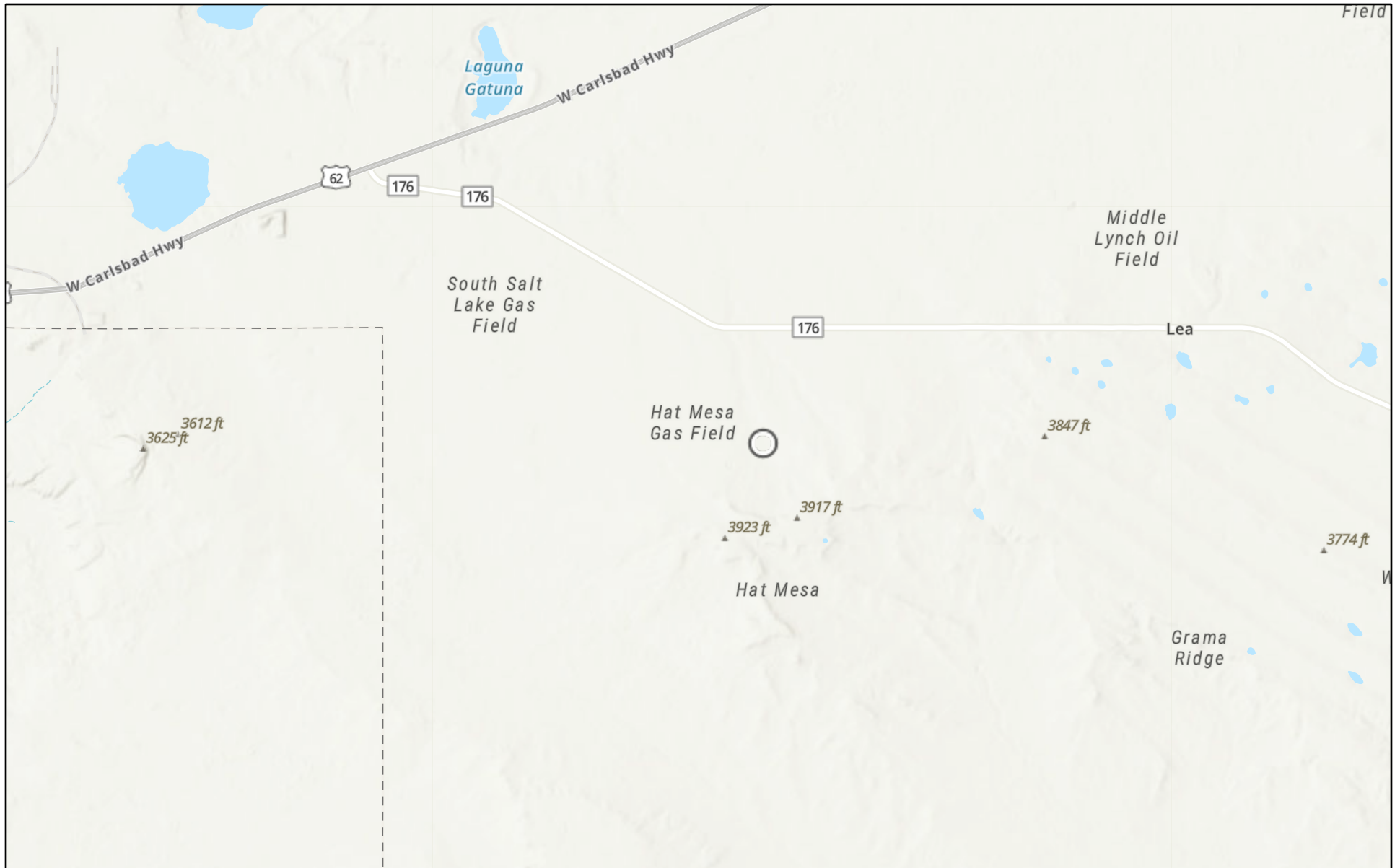
Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2024-02-09 10:17:59 EST

0.28 0.24 nadww02



# Big Buck (03.11.2025)

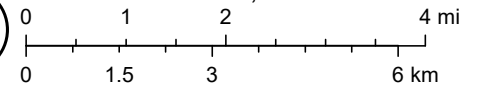


3/11/2025

World\_Hillshade



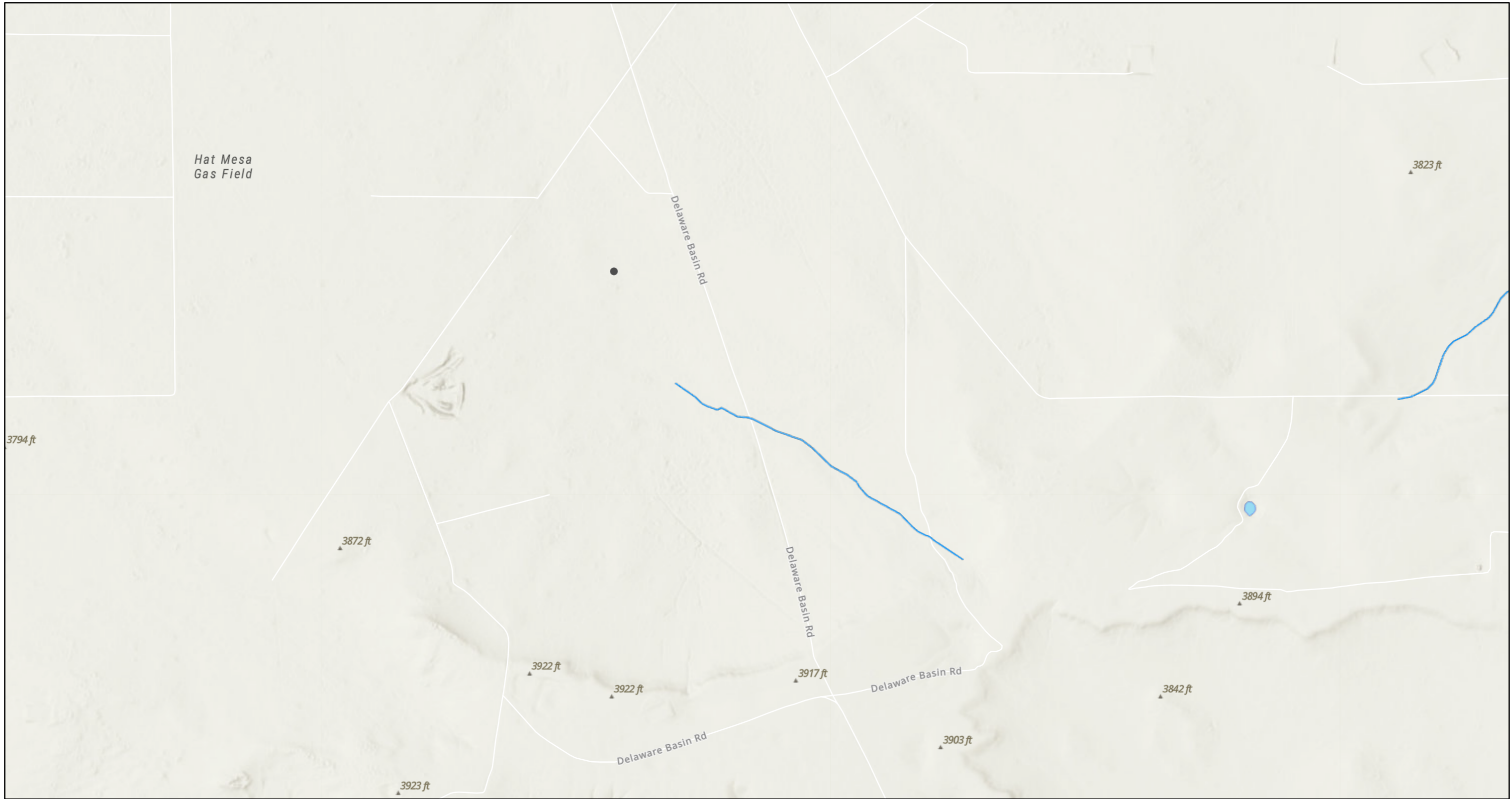
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Esri, NASA, NGA, USGS, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community



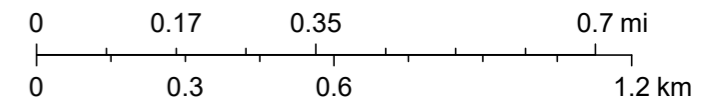
# Big Buck (03.11.2025)



3/11/2025, 8:15:41 PM

- OSW Water Bodys
- OSE Streams

1:18,056



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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 450262

**QUESTIONS**

Operator: DKL Energy - Cottonwood, LLC 5850 Granite Parkway #450 Plano, TX 75024	OGRID: 330291
	Action Number: 450262
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2507068248
Incident Name	NAPP2507068248 BIG BUCK (03.11.2025) @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	Big Buck (03.11.2025)
Date Release Discovered	03/11/2025
Surface Owner	Federal

<b>Incident Details</b>	
<i>Please answer all the questions in this group.</i>	
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

<b>Nature and Volume of Release</b>	
<i>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.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Corrosion   Pipeline (Any)   Produced Water   Released: 4,026 BBL (Unknown Released Amount)   Recovered: 0 BBL   Lost: 4,026 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)	Crack on a buried pipeline caused by possible corrosion releasing 4,025.75 bbl PW with 0 bbl recovered.

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QUESTIONS, Page 2

Action 450262

**QUESTIONS (continued)**

Operator: DKL Energy - Cottonwood, LLC 5850 Granite Parkway #450 Plano, TX 75024	OGRID: 330291
	Action Number: 450262
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**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>No, according to supplied volumes this does not appear to be a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	<b>Yes</b>
Reasons why this would be considered a submission for a notification of a major release	<b>From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.</b>
<i>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.</i>	

**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.

I hereby agree and sign off to the above statement	Name: Cassie Whitefield Email: <a href="mailto:cassie.whitefield@deleklogistics.com">cassie.whitefield@deleklogistics.com</a> Date: 04/09/2025
--	--



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QUESTIONS, Page 3

Action 450262

**QUESTIONS (continued)**

Operator: DKL Energy - Cottonwood, LLC 5850 Granite Parkway #450 Plano, TX 75024	OGRID: 330291
	Action Number: 450262
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

**QUESTIONS**

**Site Characterization**

*Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No

**What is the minimum distance, between the closest lateral extents of the release and the following surface areas:**

A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

**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	No
---	----

*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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CONDITIONS

Action 450262

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	Action Number: 450262
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

**CONDITIONS**

Created By	Condition	Condition Date
scott.rodgers	Initial C-141 is approved. Please note that the initial C-141 was due on 3/26/2025.	4/9/2025