

Location:	PLU 22 Dog Town Draw CVB	
Spill Date:	1/17/2024	
Area 1		
Approximate Area =	7283.00	sq. ft.
Average Saturation (or depth) of spill =	1.25	inches
Average Porosity Factor =	0.03	
VOLUME OF LEAK		
Total Crude Oil =	10.05	bbls
Total Produced Water =	0.00	bbls
TOTAL VOLUME OF LEAK		
Total Crude Oil =	10.05	bbls
Total Produced Water =	0.00	bbls
TOTAL VOLUME RECOVERED		
Total Crude Oil =	6.00	bbls
Total Produced Water =	0.00	bbls



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NUMBER (WELL NUMBER) PLU Lease CP Bed			OSE FILE NUMBER(S) C-3893		
	WELL OWNER NAME(S) BOPCO, L.P.			PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS 201 MAIN STREET			CITY FORT WORTH	STATE TX	ZIP 76102
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 12	SECONDS 32.88	* ACCURACY REQUIRED: ONE TENTH OF A SECOND	
		LONGITUDE 103	53	2.88	* DATUM REQUIRED: WGS 84	
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SE 1/4 OF NW 1/4 OF NW 1/4 OF NE 1/4 OF SECTION 21, TOWNSHIP 24S, RANGE 30E						

2. DRILLING & CASING INFORMATION	LICENSE NUMBER WD-1261	NAME OF LICENSED DRILLER R. DARRELL CRASS			NAME OF WELL DRILLING COMPANY DARRELL CRASS DRILLING COMPANY			
	DRILLING STARTED 8/19/15	DRILLING ENDED 8/26/15	DEPTH OF COMPLETED WELL (FT) 600	BORE HOLE DEPTH (FT) 600	DEPTH WATER FIRST ENCOUNTERED (FT) N/A			
	COMPLETED WELL IS: <input type="radio"/> ARTESIAN <input checked="" type="radio"/> DRY HOLE <input type="radio"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A			
	DRILLING FLUID: <input type="radio"/> AIR <input checked="" type="radio"/> MUD ADDITIVES - SPECIFY: SUPER GEL X							
	DRILLING METHOD: <input checked="" type="radio"/> ROTARY <input type="radio"/> HAMMER <input type="radio"/> CABLE TOOL <input type="radio"/> 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	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	40	8"	SCH 40 PVC BLANK	GLUE, SCREWS	8"		

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				
	10	425	8"	BENTONITE HOLE PLUG	145 CUBIC FEET	POUR
	0	10	8"	PORTLAND CEMENT	7 CUBIC FEET	POUR


FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/08/2012)

FILE NUMBER	C-3893	POD NUMBER	1	TRN NUMBER	571438
LOCATION	2-1-1 24S. 30E. 21				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	5	5	TOPSOIL	<input type="radio"/> Y <input checked="" type="radio"/> N	
	5	75	70	SAND	<input type="radio"/> Y <input checked="" type="radio"/> N	
	75	90	15	CLAY	<input type="radio"/> Y <input checked="" type="radio"/> N	
	90	100	10	SANDSTONE	<input type="radio"/> Y <input checked="" type="radio"/> N	
	100	180	80	SANDY CLAY	<input type="radio"/> Y <input checked="" type="radio"/> N	
	180	240	60	SAND	<input type="radio"/> Y <input checked="" type="radio"/> N	
	240	280	40	SAND & GRAVEL	<input type="radio"/> Y <input checked="" type="radio"/> N	
	280	400	120	SANDY CLAY	<input type="radio"/> Y <input checked="" type="radio"/> N	
	400	520	120	SAND	<input type="radio"/> Y <input checked="" type="radio"/> N	
	520	600	80	SANDY CLAY	<input type="radio"/> Y <input checked="" type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="radio"/> PUMP					TOTAL ESTIMATED WELL YIELD (gpm): N/A	
<input type="radio"/> AIR LIFT <input type="radio"/> BAILER <input type="radio"/> OTHER - SPECIFY:						

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: THIS IS THE WELL LOG FOR A CATHODIC PROTECTION GROUNDBED	
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:	

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 20 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 SIGNATURE OF DRILLER / PRINT SIGNEE NAME	8.27.15 DATE

STATE ENGINEER
FOR THE STATE OF TEXAS
MAY 12 2014

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 06/08/2012)	
FILE NUMBER	C-3893	POD NUMBER	1
LOCATION	2-1-1 245.30E.21	TRN NUMBER	571438
			PAGE 2 OF 2



Layer List

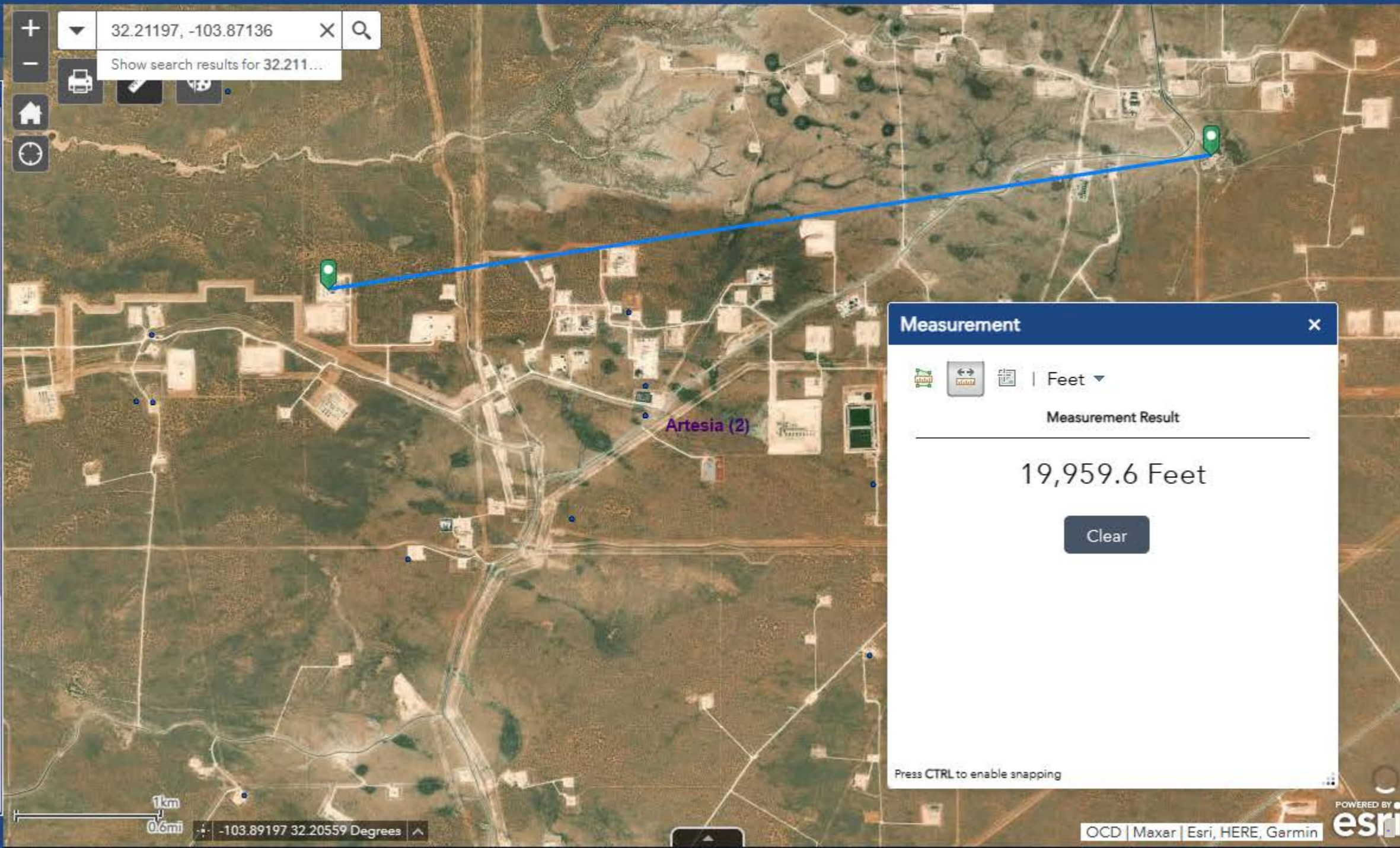
Layers

- OSE Water PODs ...
- M2.5+ Earthquakes (USGS 30-day) ...
- NM Oil and Gas Wells ...
- USGS Groundwater wells ...
- Induced Seismicity Area ...
- Permian Basin Karst Areas ...
- BLM Oil Gas Leases Case Disp ...
- BLM Oil Gas Leases Production Status ...
- BLM Fluid Minerals Case ...
- BLM FM Agreements Case Disp ...
- BLM FM Agreements Production Status ...
- BLM FM Participating Areas Case Disp ...
- NM SLO Oil and Gas Leases ...
- NM SLO Participating Area and Unit Agreement Boundaries ...

+ 32.21197, -103.87136 X Q

Show search results for 32.211...

Home Refresh



Measurement X

Units: Feet

Measurement Result

19,959.6 Feet

Clear

Press CTRL to enable snapping



Show search results for 32.211...



32-211-103525501
2/1/1983
DTW = 344.83

Measurement [X]

[Icons] | Feet [v]

Measurement Result

4,662.5 Feet

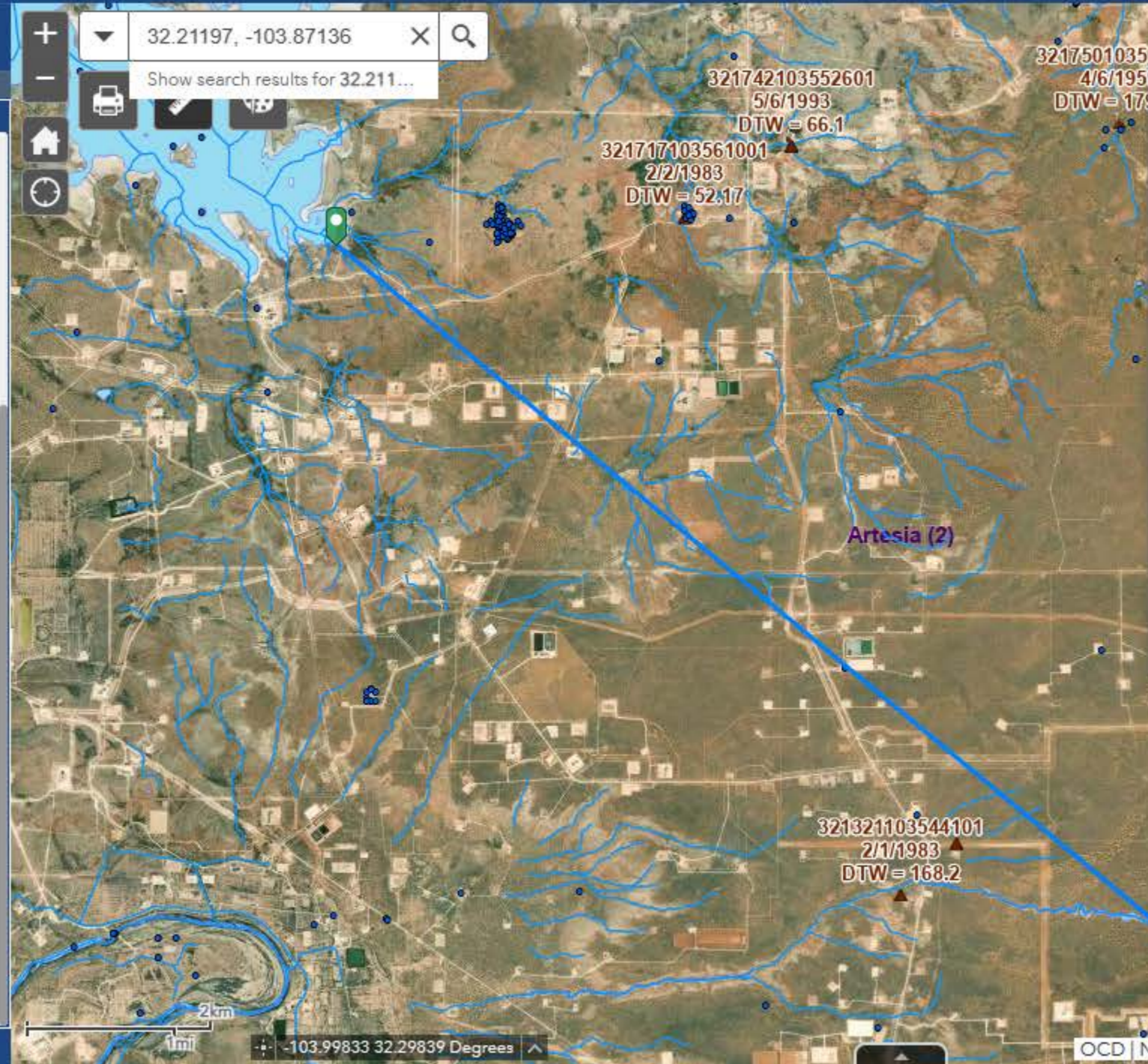
[Clear]

Press CTRL to enable snapping

0.4km



- Layer List
- Permian Basin Karst Areas ...
 - BLM Oil Gas Leases Case Disp ...
 - BLM Oil Gas Leases Production Status ...
 - BLM Fluid Minerals Case ...
 - BLM FM Agreements Case Disp ...
 - BLM FM Agreements Production Status ...
 - BLM FM Participating Areas Case Disp ...
 - NM SLO Oil and Gas Leases ...
 - NM SLO Participating Area and Unit Agreement Boundaries ...
 - Political Boundaries and Transportation ...
 - Mineral and Surface Ownership ...
 - Hydrology ...
 - OCD Districts ...
 - NM Oil and Gas Production Areas ...
 - Public Land Survey System (PLSS) ...



Measurement

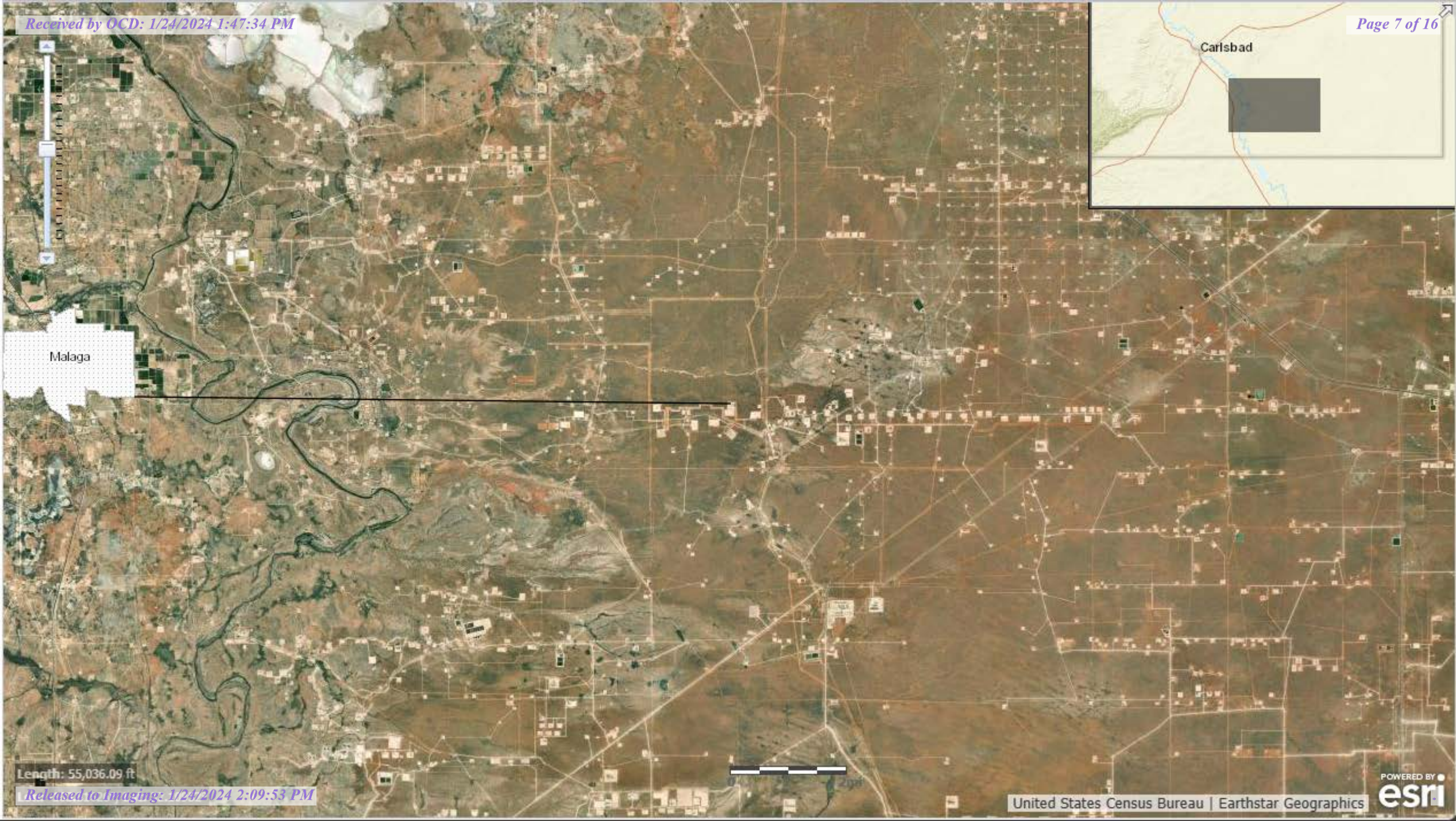
Feet

Measurement Result

42,168.9 Feet

Clear

Press CTRL to enable snapping



Length: 55,036.09 ft



32.21197, -103.87136 X Q
Show search results for 32.21197, -10...

Measurement X

Feet

Measurement Result

2,804.2 Feet

Clear

Press CTRL to enable snapping



App State X

Click to restore the map extent and layers visibility where you left off.



32.21197, -103.87136

Show search results for 32.211...

Map navigation controls: Home, Refresh, Print, Measure, and a search icon.

Legend

Permian Basin Karst Areas

Critical Karst Resource Area

Karst Occurrence Potential

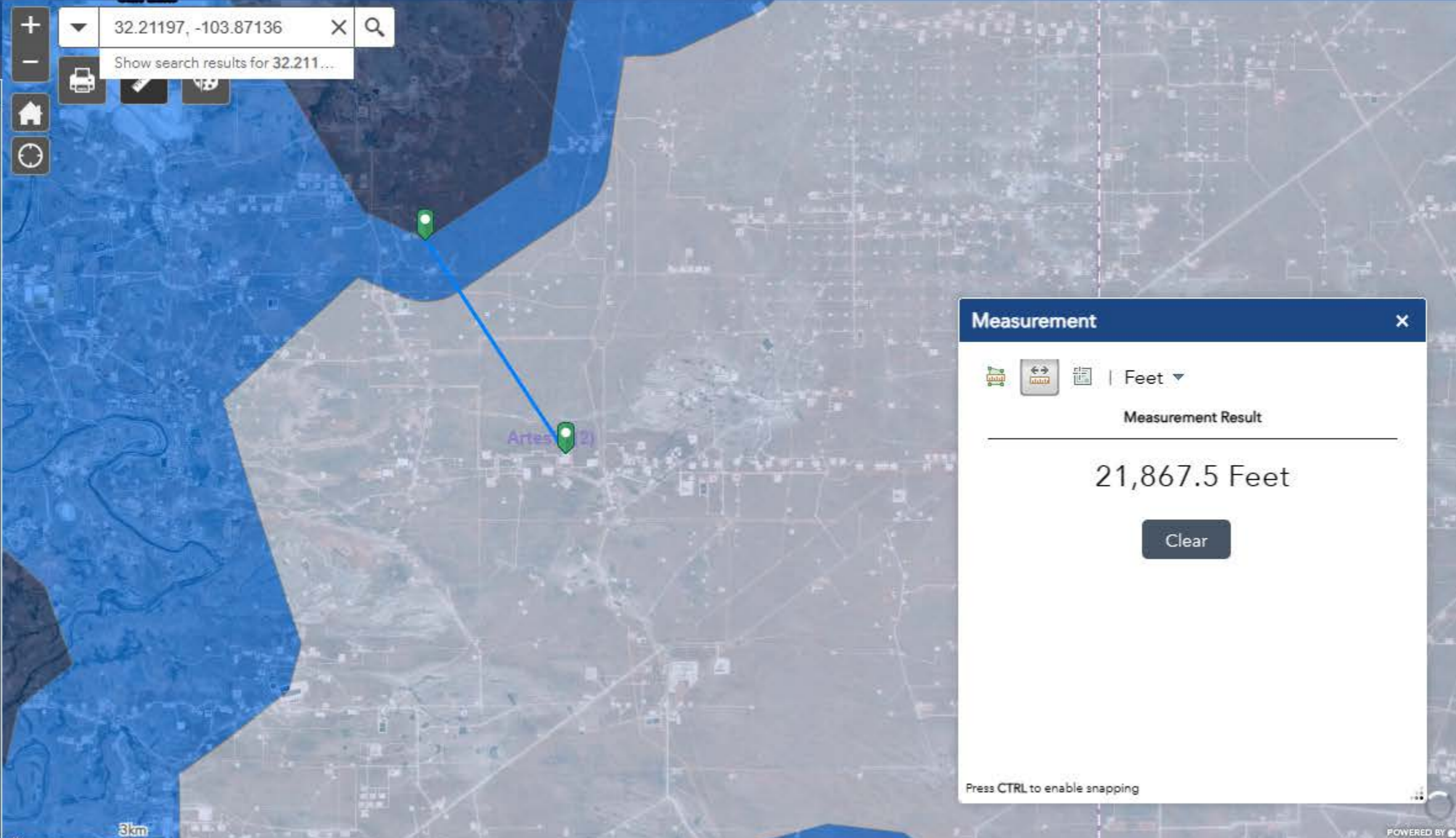
Potential

- High
- Medium
- Low

OCD Districts

OCD District Offices

OCD Districts



Measurement

Feet

Measurement Result

21,867.5 Feet

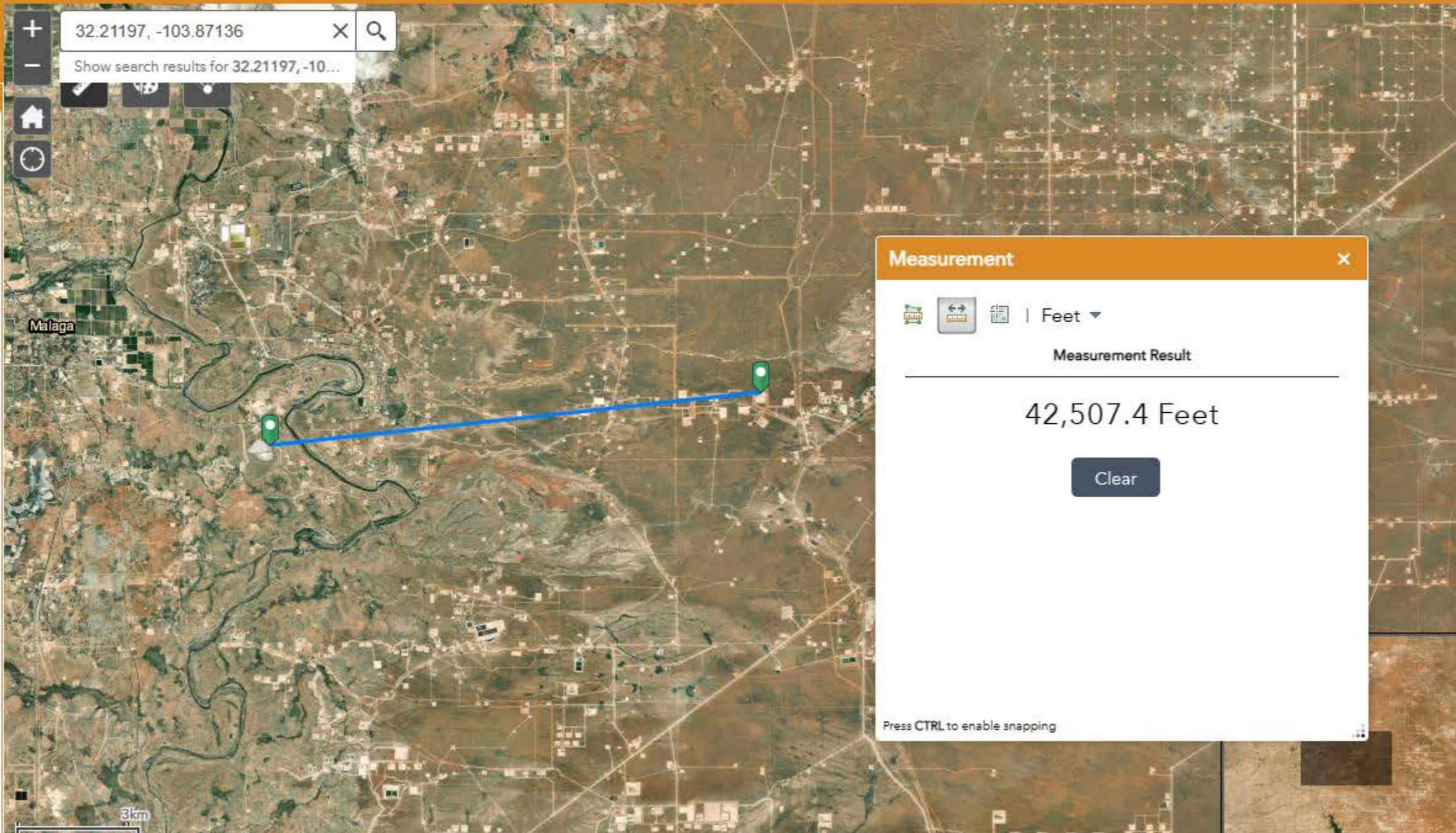
Clear

Press CTRL to enable snapping



Legend

- Registered Mines**
- Aggregate, Stone etc.
 - Coal
 - Gypsum
 - Humate
 - Industrial Minerals (Other)
 - Metals
 - Perlite
 - Potash
 - PM Pumice
 - Red Dog, Scoria
 - Salt
 - Uranium
 - ZE Zeolites



Measurement [Close]

| Feet ▾

Measurement Result

42,507.4 Feet

Clear

Press CTRL to enable snapping



Legend

OSE Water PODs

USGS Groundwater wells

USGS Active Monitoring GW Wells

USGS Historical GW Wells

Hydrology

NMED Drinking Water Systems

OSE Streams

OSE Probable Playas

OSW Water Bodys

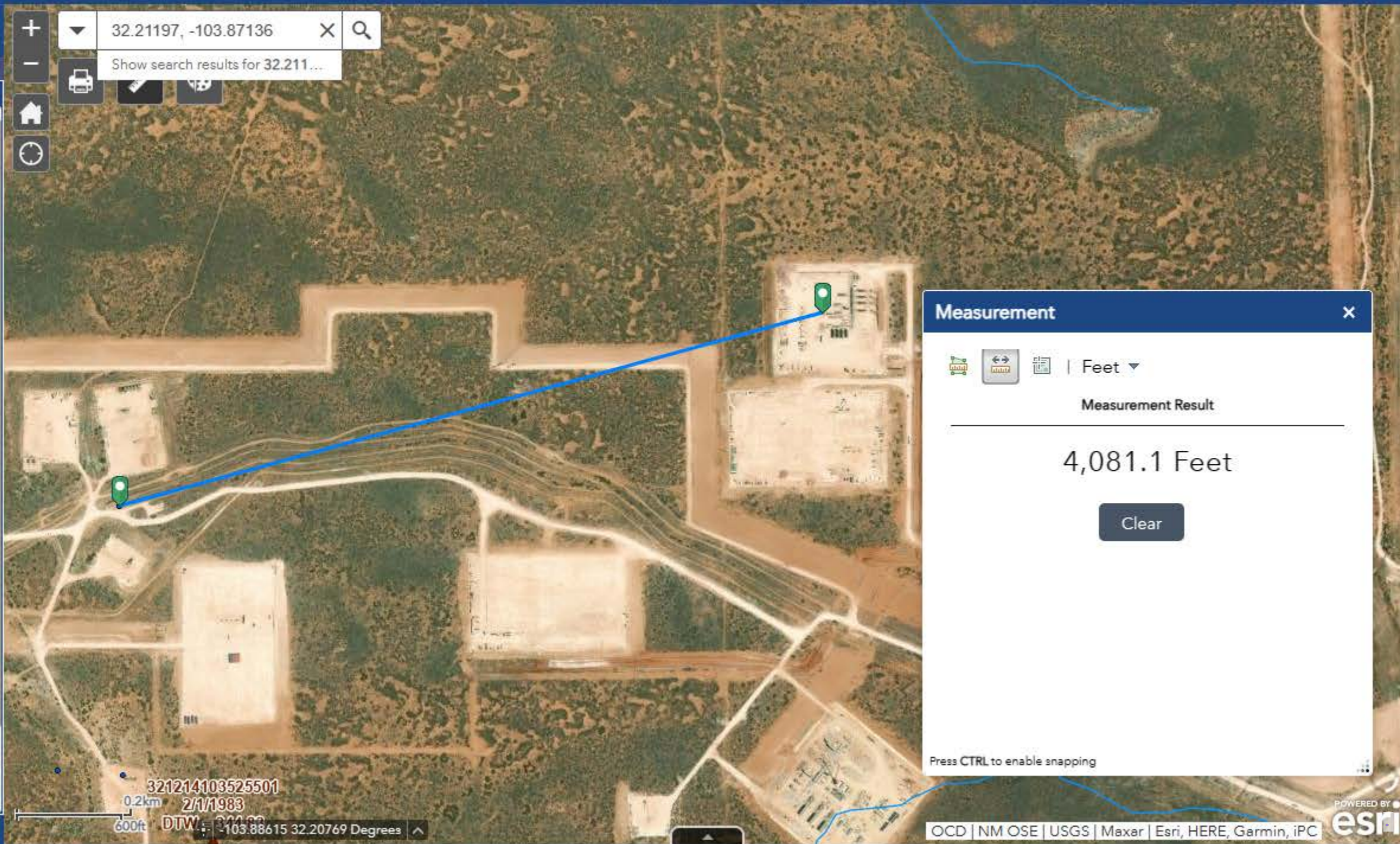
OCD Districts

OCD District Offices

Released to Imaging: 1/24/2024 2:09:53 PM

32.21197, -103.87136

Show search results for 32.211...



Measurement

Feet

Measurement Result

4,081.1 Feet

Clear

Press CTRL to enable snapping

321214103525501

0.2km 2/1/1983

600ft DTW: -103.88615 32.20769 Degrees

Show search results for 32.211...

Measurement [X]

[Icons] | Feet [v]

Measurement Result

6,372.6 Feet

[Clear]

Press CTRL to enable snapping

32121410352
2/1/1989
DTW = 344

321203103511801
3/26/1959
DTW = 423.1

0.4 km

District I
 1625 N. French Dr., Hobbs, NM 88240
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District IV
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 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 307387

QUESTIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 307387
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2402449008
Incident Name	NAPP2402449008 PLU 22 DOG TOWN DRAW CVB @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Received

Location of Release Source

Please answer all the questions in this group.

Site Name	PLU 22 Dog Town Draw CVB
Date Release Discovered	01/17/2024
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Cause: Freeze Separator Crude Oil Released: 10 BBL Recovered: 6 BBL Lost: 4 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)	Not answered.

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QUESTIONS, Page 2

Action 307387

QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
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	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

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	<i>Unavailable.</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.

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	<i>Not answered.</i>

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: Melanie Collins Title: Regulatory Analyst Email: Melanie.Collins@exxonmobil.com Date: 01/24/2024
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QUESTIONS, Page 3

Action 307387

QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 307387
	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 500 and 1000 (ft.)
What method was used to determine the depth to ground water	OCD Imaging Records Lookup
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (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	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 ½ and 1 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	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	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 307387

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CONDITIONS

Created By	Condition	Condition Date
scwells	None	1/24/2024