

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	nAPP2300953706
District RP	
Facility ID	
Application ID	

Release Notification

Initial Form

Responsible Party

Responsible Party: SIMCOE, LLC	OGRID: 329736
Contact Name: Sabre Beebe	Contact Telephone (970) 852-5172
Contact email: sabre.beebe@ikavenergy.com	Incident # (assigned by OCD)nAPP2300953706
Contact mailing address: 1199 Main Ste., Suite 101, Durango, CO 81301	

Location of Release Source

Latitude 36.803298 Longitude -107.552129
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Sims Mesa CDP Tank Battery	Site Type: Compressor station
Date Release Discovered: 01/09/2023 1:41 PM	API# (if applicable)

Unit Letter	Section	Township	Range	County
A	22	30N	07W	Rio Arriba County

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name: _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) Approx. 200 bbl	Volume Recovered (bbls) Approx. 131 bbl
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: Upon arrival onto location fluids and layer of ice were noted within the lined secondary containment of the tank battery. Further investigation noted there had been a freeze in the load line that appears to have pushed the plug out of the line. Equipment was shut in and LOTO performed. A water truck was dispatched to location to recover standing fluids from within the containment and drain the remainder of fluids from the tank. The water truck recovered 131 bbls of fluid. Layer of ice remains in containment.

All impacts are contained in secondary containment which is metal ring lined with poly liner.
Remediation if needed will be determined upon receipt and review of soil analytics.

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Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Volume of release is greater than 25 bbls.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Notice provided by filing notification form on OCD permitting site on 01/09/2023 @ 2:45 pm. Received email response @ 2:55 pm.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why: 	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
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.	
Printed Name: <u>Sabre Beebe</u>	Title: <u>Environmental Coordinator</u>
Signature: _____	Date: <u>01/19/2023</u>
email: <u>sabre.beebe@ikavenergy.com</u>	Telephone: <u>970-852-5172</u>
<u>OCD Only</u> Received by: <u>Jocelyn Harimon</u> Date: <u>01/23/2023</u>	

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Site Assessment/Characterization

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?	<u>255</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data N/A
- ☐ Data table of soil contaminant concentration data Sample results not received at time of form submission
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs N/A
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☐ Laboratory data including chain of custody Sample results not received at time of form submission

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico
Oil Conservation Division

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Printed Name: Sabre Beebe Title: Environmental Coordinator

Signature: _____ Date: 01/20/2023

email: sabre.beebe@ikavenergy.com Telephone: 970-852-5172

OCD Only

Received by: Jocelyn Harimon Date: 01/23/2023

Site Characterization Information



Sims Mesa CDP tank spill

nAPP2300953706

FIGURE

1

Sims Mesa CDP tank spill #nAPP2300953706

Aerial Map



Sims Mesa CDP tank spill

nAPP2300953706

FIGURE

1

Spill Map



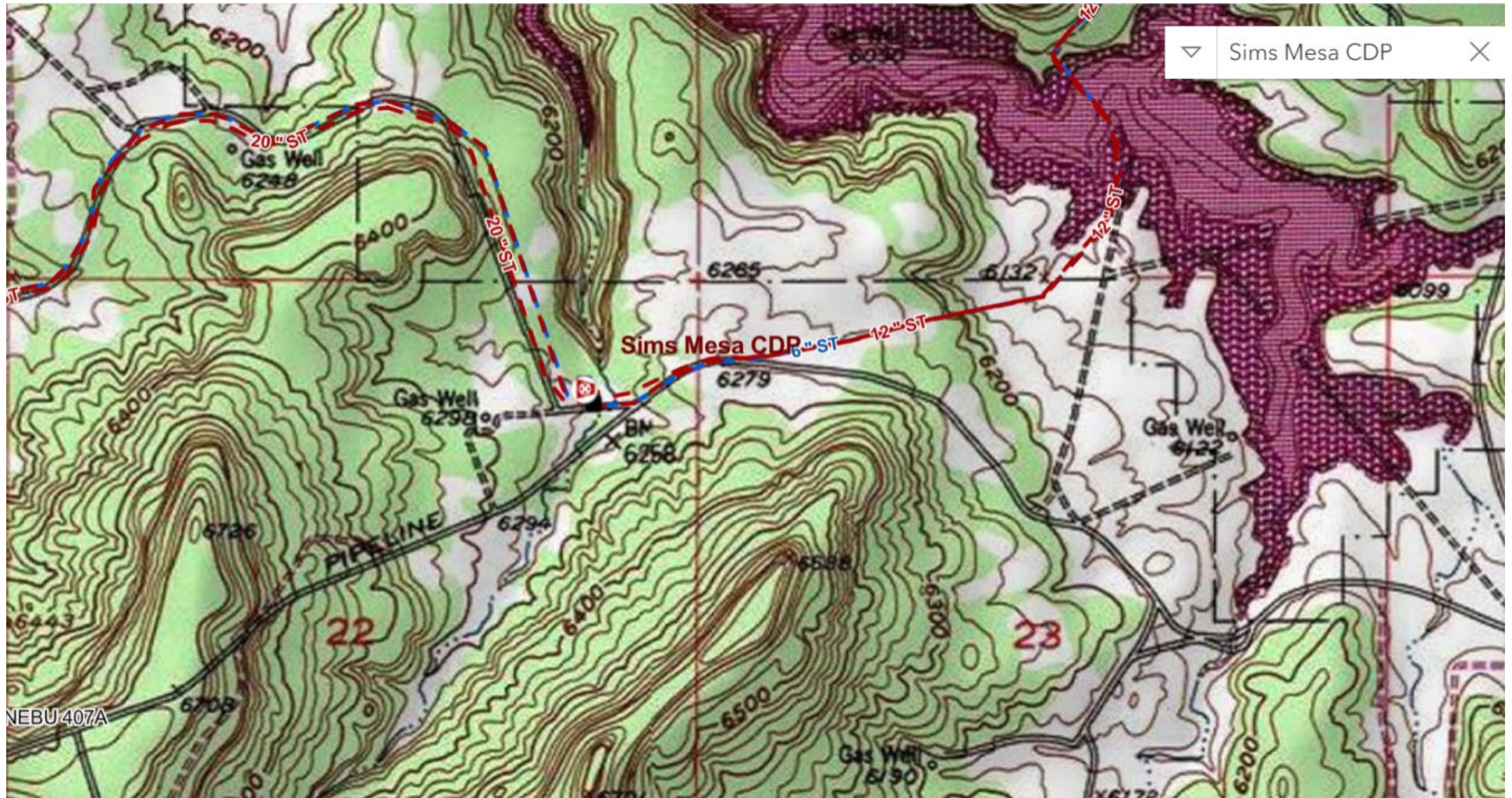
Sims Mesa CDP tank spill

nAPP2300953706

FIGURE

1

USA Topo Map



Sims Mesa CDP tank spill

nAPP2300953706

FIGURE

1

OSE Pod Map

OCD Well Locations



1/20/2023, 7:53:47 AM



- | | | | |
|---------------------|------------------------------|----------|--------------------------|
| Override 1 | Gas, Cancelled | OSE PODs | Changed Location of Well |
| Wells - Large Scale | Gas, Plugged | Active | Capped |
| Miscellaneous | Gas, Temporarily Abandoned | Inactive | Plugged |
| Gas, Active | Salt Water Injection, Active | Pending | Unknown |

1:36,112
0 0.25 0.5 1 mi
0 0.38 0.75 1.5 km

Esri, HERE, Garmin, OSE GIS, Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department, Maxar, BLM

New Mexico Oil Conservation Division

NM OCD Oil and Gas Map. <http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017d2306164de291d2fb9f835ca75> New Mexico Oil Conservation Division



Sims Mesa CDP tank spill

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FIGURE

1



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)				(NAD83 UTM in meters)			
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	SJ 02698		1	3	15	30N	07W	271173	4076962* 
Driller License:	1374	Driller Company:		GLOVER, PAUL A					
Driller Name:	GLOVER, PAUL A.								
Drill Start Date:	05/02/1996	Drill Finish Date:		05/18/1996		Plug Date:			
Log File Date:	05/31/1996	PCW Rcv Date:				Source:		Shallow	
Pump Type:		Pipe Discharge Size:				Estimated Yield:		10 GPM	
Casing Size:	5.00	Depth Well:		402 feet		Depth Water:		255 feet	
Water Bearing Stratifications:				Top	Bottom	Description			
				250	260	Other/Unknown			
				385	402	Sandstone/Gravel/Conglomerate			
Casing Perforations:				Top	Bottom				
				365	384				

*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.

1/20/23 8:04 AM

POINT OF DIVERSION SUMMARY



Sims Mesa CDP tank spill

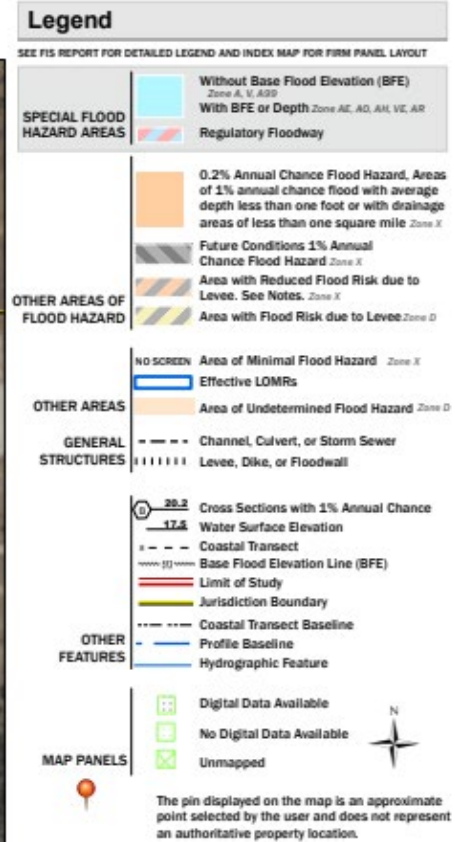
nAPP2300953706

FIGURE

1

FEMA Flood map

National Flood Hazard Layer FIRMette



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 1/20/2023 at 10:35 AM 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 unmoderized areas cannot be used for regulatory purposes.



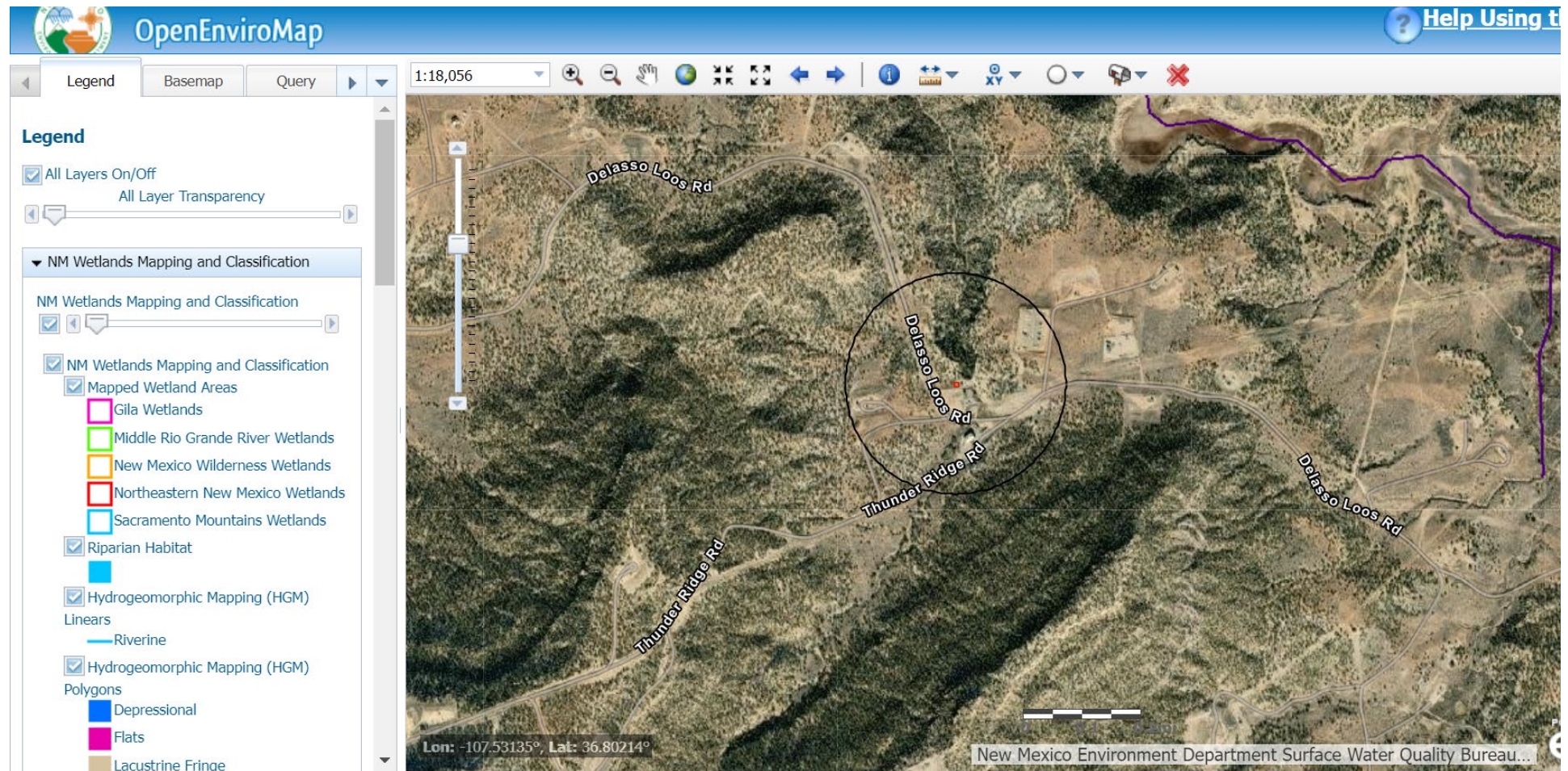
Sims Mesa CDP tank spill

nAPP2300953706

FIGURE

1

Wet land map 1000-foot buffer marked



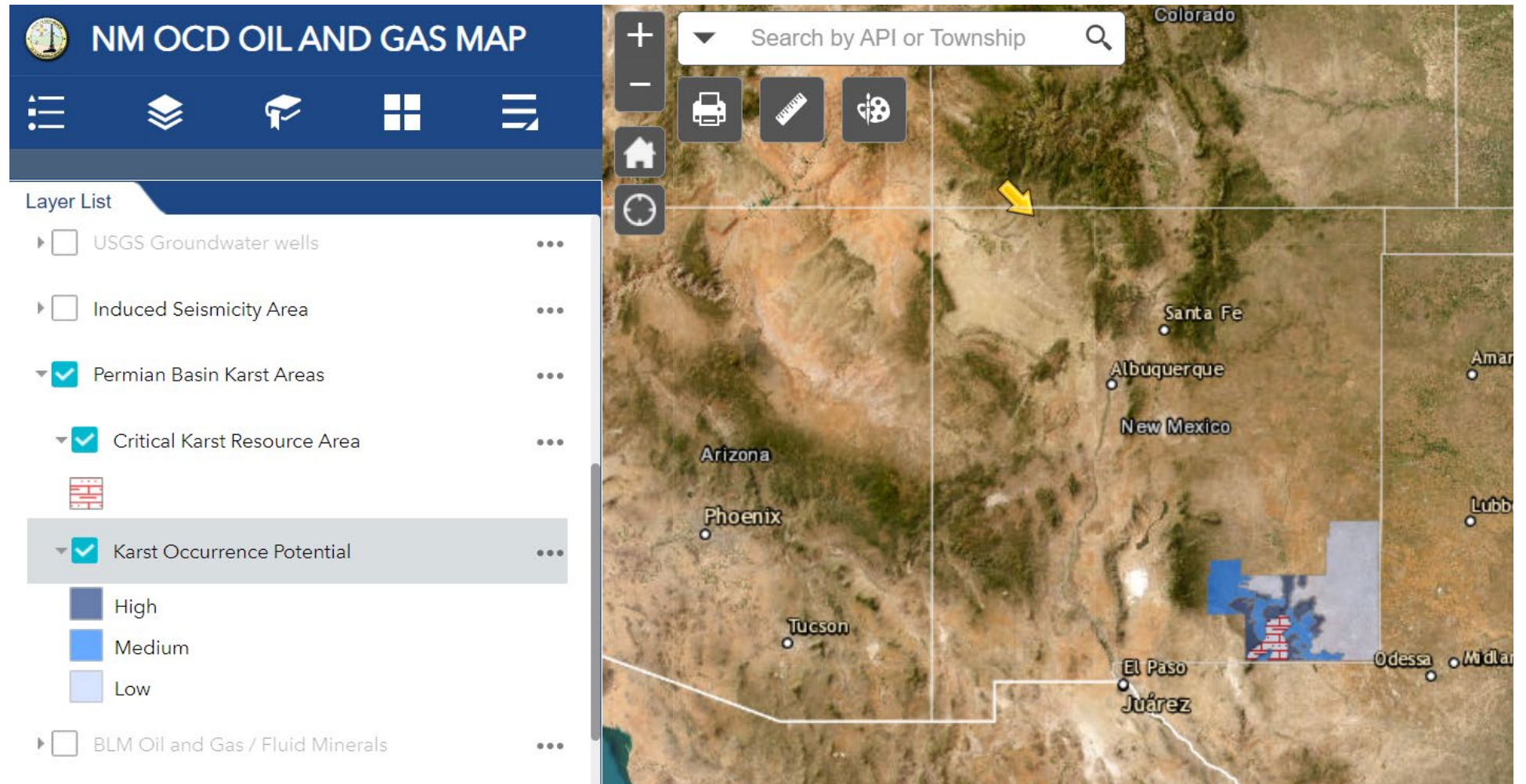
Sims Mesa CDP tank spill

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FIGURE

1

Karst Area Map



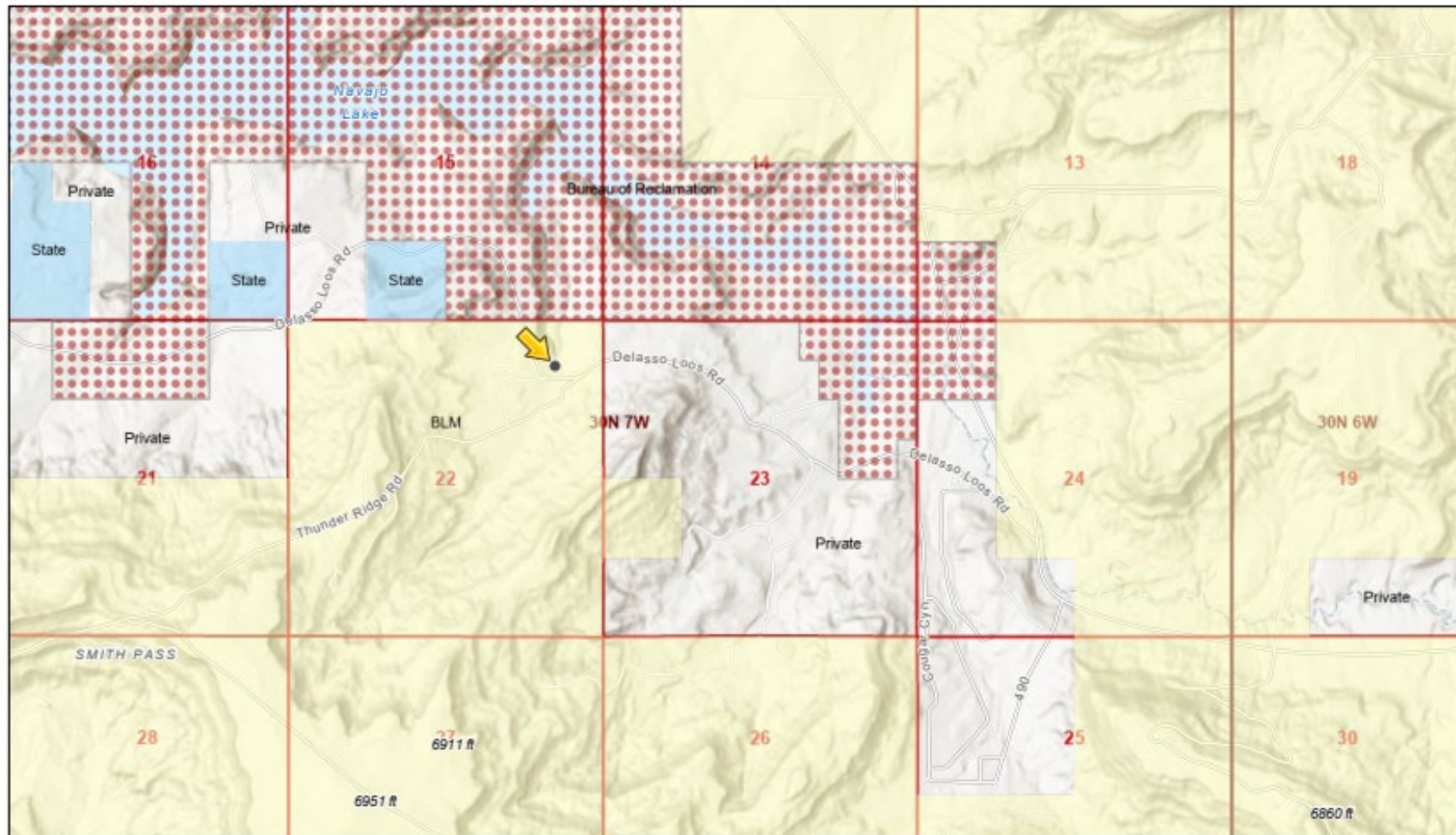
Sims Mesa CDP tank spill

nAPP2300953706

FIGURE

1

Active Mines in New Mexico



1/20/2023, 8:48:45 AM

Land Ownership

BLM

BOR

P



PLSS First Division

S



PLSS Townships

1:33,433

0 0.23 0.45 0.9 mi

0 0.35 0.7 1.4 km

U.S. BLM, Esri, NASA, NGA, USGS, FEMA, San Juan County, NM, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METINASA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USDA, BLM

EMNRD MMD GIS Coordinator

NM Energy, Minerals and Natural Resources Department (<http://itm-emnrn.maps.arcgis.com/apps/webappviewer/index.html?id=1b5e577974664b89b47790897ca2795>)

Sims Mesa CDP tank spill

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FIGURE

1





Sims Mesa CDP Hydrogeology

Regional:

The San Jose Formation of Eocene age occurs in New Mexico and Colorado. The formation outcrop forms the land surface over much of the eastern half of the central basin. It overlies the Nacimiento Formation in the area generally south of the Colorado-New Mexico State line and overlies the Animas formation in the area generally north of the state line.

The San Jose Formation was deposited in various fluvial-type environments. In general, the unit consists of an interbedded sequence of sandstone, siltstone, and variegated shale. Thickness of the San Jose Formation generally increases from west to east (200 feet in the west and south to almost 2700 feet in the center of the structural basin). Ground water is associated with alluvial and fluvial sandstone aquifers. Thus, the occurrence of ground water is mainly controlled by the distribution of sandstone in the formation. The distribution of such sandstone is the result of original depositional extent plus any post-depositional modifications, namely erosion and structural deformation. Transmissivity data for San Jose Formation are minimal. Values of 40 and 120 feet squared per day were determined from two aquifer tests (Stone et al, 1983, table 5). The reported or measured discharge from 46 water wells completed in San Jose Formation range from 0.15 to 61 gallons per minute and the median is 5 gallons per minute. Most of the wells provide water for livestock and domestic use.

The San Jose Formation is a very suitable unit for recharge from precipitation because soils that form on the unit are sandy and highly permeable and therefore readily absorb precipitation. However, low annual precipitation, relatively high transpiration and evaporation rates, and deep dissection of the San Jose Formation by the San Juan River and its tributaries all tend to reduce the effective recharge to the unit.

Stone et al., Hydrogeology and Water Resources of the San Juan Basin, New Mexico: Socorro, New Mexico Bureau of Mines and Mineral Resources Hydrologic Report 6, 70 p.

Site characterization:

Ground water depth is estimated to be greater than 100 feet reference SJ-02698 water well depth 402' and depth to water 255' is the closest water well at 4484.2 feet to the NW of the CDP location.

The release was contained in the secondary containment that has metal containment with poly liner.

Therefore, the release did not impact groundwater or surface water.

There is no continuously flowing water courses or significant watercourses within 300 feet.

There are no lakebeds, sinkholes, or playa lakes within 200 feet.

Location is not within 300 feet of an occupied permanent residence, school, hospital, institution, or church.

Location is not within 500 horizontal feet of a spring or a private domestic fresh water well.

Location is not within 1000 feet of any other fresh water well or spring.

Location is not within incorporated municipal boundaries or defined municipal fresh water well field.

Location is not within 300 feet of a wetland.



Location is not overlying a subsurface mine.

There are no karst geological areas in the northwest area of the state of New Mexico.

Location is not within a 100-year flood plain.

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

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
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Santa Fe, NM 87505

CONDITIONS

Action 178304

CONDITIONS

Operator: SIMCOE LLC 1199 Main Ave., Suite 101 Durango, CO 81301	OGRID: 329736
	Action Number: 178304
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Initial C-141 included site assessment/characterization with supporting documents.	3/20/2023