

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	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party DJR Operating, LLC	OGRID 371838
Contact Name Amy Archuleta	Contact Telephone 505-632-3476 x201
Contact email aarchuleta@djrlc.com	Incident # (assigned by OCD) NVF 1900749627
Contact mailing address 1 Road 3263 Aztec, NM 87410	NMOC

Location of Release Source

Latitude **36.3694496** Longitude **-108.0731201**
(NAD 83 in decimal degrees to 5 decimal places)

DEC 20 2018
DISTRICT III

Site Name Dodd Geiger #1	Site Type Oil Well
Date Release Discovered 12-11-2018	API# (if applicable) 30-045-27234

Unit Letter	Section	Township	Range	County
I	26	25N	12W	San Juan

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 checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 7 bbls	Volume Recovered (bbls) 7 bbls
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) unknown	Volume Recovered (bbls)
	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

BGT area shows signs of contamination. We plan to close this BGT when confirmation samples pass. After the report of the BGT release the homestead occupant, that is approximately 600' from this location, was upset about the crews being on location. We believe it was the occupant that opened the valves. He left an arrow in the ground as a marker.

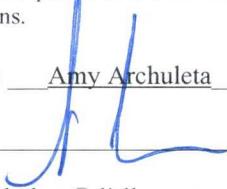
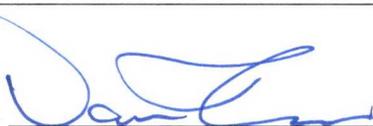
10

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Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

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>Amy Archuleta</u> Title: <u>Regulatory</u> Signature:  Date: <u>12-18-18</u> email: <u>aarchuleta@djrlc.com</u> Telephone: <u>505-632-3476 x201</u>
OCD Only Received by:  Date: <u>12/20/2018</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?	<50' (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? (630')	<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
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within 1/2-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

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: Amy Archuleta Title: Regulatory
 Signature: _____ Date: 12-18-18
 email: aarchuleta@dlc.com Telephone: 505-632-3476 x201

OCD Only

Received by: _____ Date: _____

NMOCD Site Assessment/Characterization, Remediation & Closure

Site Name:	Dodd Geiger #1
API #:	30-045-27234
Lat/Long:	36.36942 -108.07279
TRS:	NE/SE-26-25N-12W
Land Jurisdiction:	Navajo Allotment
County:	San Juan
Determination made by:	DR
Date:	12/12/2018

Wellhead Protection Area Assessment:

Determine the horizontal distance from all known water sources within 1/2 mile of the release including private and domestic water sources. Water sources are wells, springs or other sources of fresh water extraction. Private and domestic water sources are those water sources used by less than five households for domestic or stock purposes. (NMAC 19.15.29.11A.3)

Water Source Type (well/spring/stock pond)	ID (if available)	Latitude	Longitude	Distance
unregistered stock pond		36.36309	-108.07341	0.44 mi S

Distance to Nearest Significant Watercourse (NMAC 19.15.29.11A.4)

unnamed wash 0.27 miles to SE that ultimately drains to Hunter Wash then the Chaco River

Depth to Groundwater Determination (NMAC 19.15.29.11A.2)

Cathodic Report/Site Specific Hydrogeology	none available
Elevation Differential	30' higher than pond 0.45 mi W, 50' higher than pond 1.02 mi W, vegetation nearby indicates shallow groundwater
Water Wells	none visible at pen shortly to NW or elsewhere
Cathodic Report Nearby Wells	none nearby

Sensitive Receptor Determination

If a release occurs within the following areas, the RP must treat the release as if it occurred less than 50 ft to Groundwater (NMAC 19.15.29.12C.4):

	Yes	No
<300' of any continuously flowing watercourse or any other significant watercourse	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<200' of any lakebed, sinkhole or playa lake (measured from the Ordinary High Water Mark)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<300' of an occupied permanent residence, school, hospital, institution or church	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<500' of a spring or private/domestic water well used by <5 households for domestic or stock watering purposes	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<1000' of any water well or spring	<input type="checkbox"/>	<input checked="" type="checkbox"/>
within incorporated municipal boundaries or within a defined municipal fresh water well field	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<300' of a wetland	<input type="checkbox"/>	<input checked="" type="checkbox"/>
within the area overlying a subsurface mine	<input type="checkbox"/>	<input checked="" type="checkbox"/>
within an unstable area	<input type="checkbox"/>	<input checked="" type="checkbox"/>
within a 100-year floodplain	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Explain any 'Yes' Marks:

Actual Depth to Groundwater is:	≤50 <input checked="" type="checkbox"/>	50-100 <input type="checkbox"/>	>100 <input type="checkbox"/>
Treat Depth to Groundwater as if it's ≤ 50 ft?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Release Action Levels are...	≤50	50-100	>100
Benzene	10	10	10
BTEX (mg/kg)	50	50	50
8015 TPH (GRO/DRO) (mg/kg)	Not Applicable	1,000	1,000
8015 TPH (GRO/DRO/MRO) (mg/kg)	100	2,500	2,500
Chlorides (mg/kg)	600	10,000	20,000

NMAC 19.15.29.12 Table I. Release Action Levels are determined by the depth below bottom of pit to groundwater.

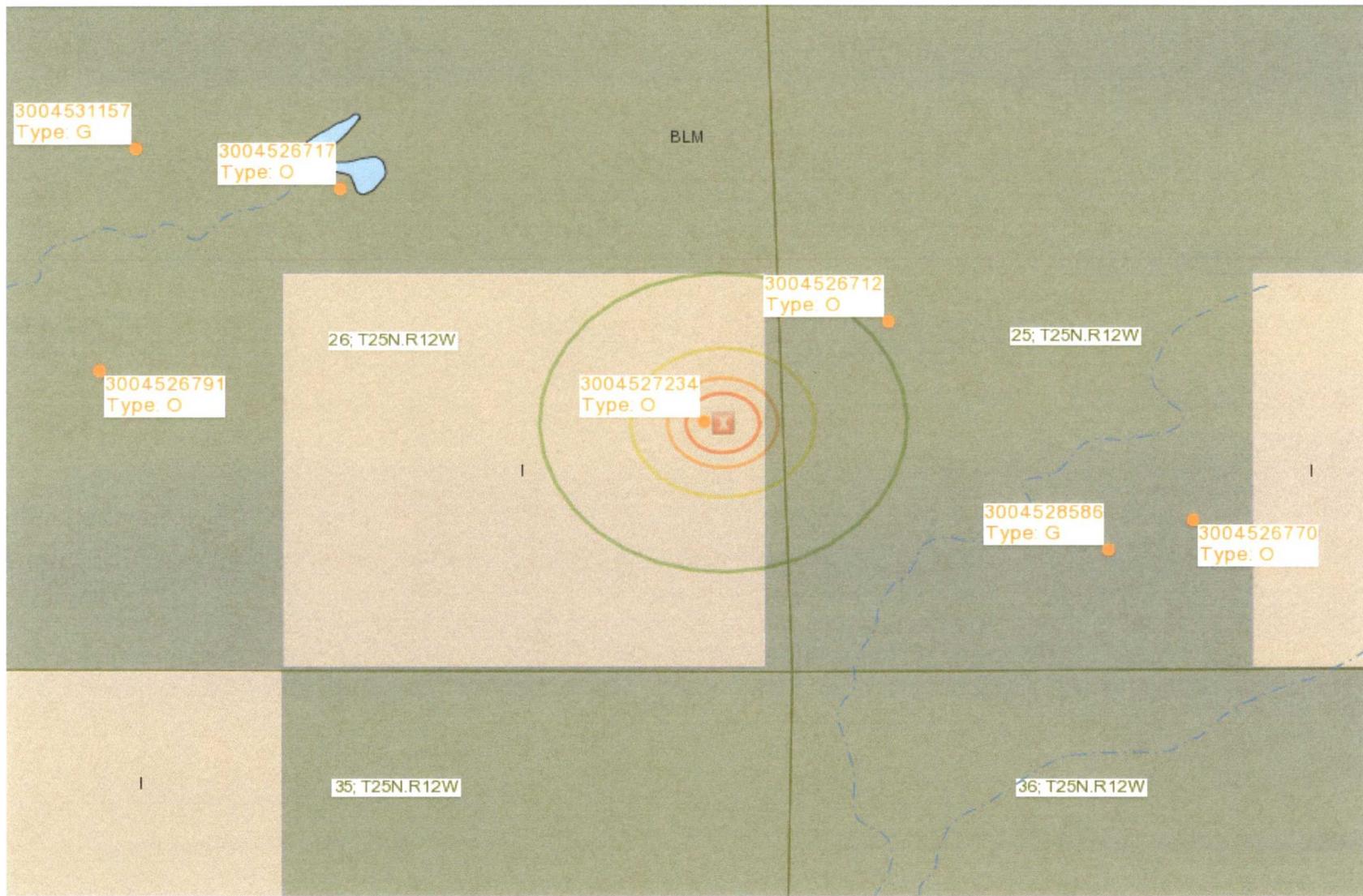


December 12, 2018

Wetlands

- | | | | | | |
|---|--------------------------------|---|-----------------------------------|---|----------|
|  | Estuarine and Marine Deepwater |  | Freshwater Emergent Wetland |  | Lake |
|  | Estuarine and Marine Wetland |  | Freshwater Forested/Shrub Wetland |  | Other |
| | |  | Freshwater Pond |  | Riverine |

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.



0 500 1000ft



Petroleum Recovery
Research Center

Dodd Geiger #1

Figure: 1

DJR Operating

Dec 12, 2018



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 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	DepthWell	DepthWater	Water Column
SJ.00079		SJ	SJ	4	13	25N	12W			225677	4032403*	2550		
SJ.01716		SJ	SJ	2	3	01	25N	12W		225189	4035835*	403	210	193

Average Depth to Water: 210 feet

Minimum Depth: 210 feet

Maximum Depth: 210 feet

Record Count: 2

PLSS Search:

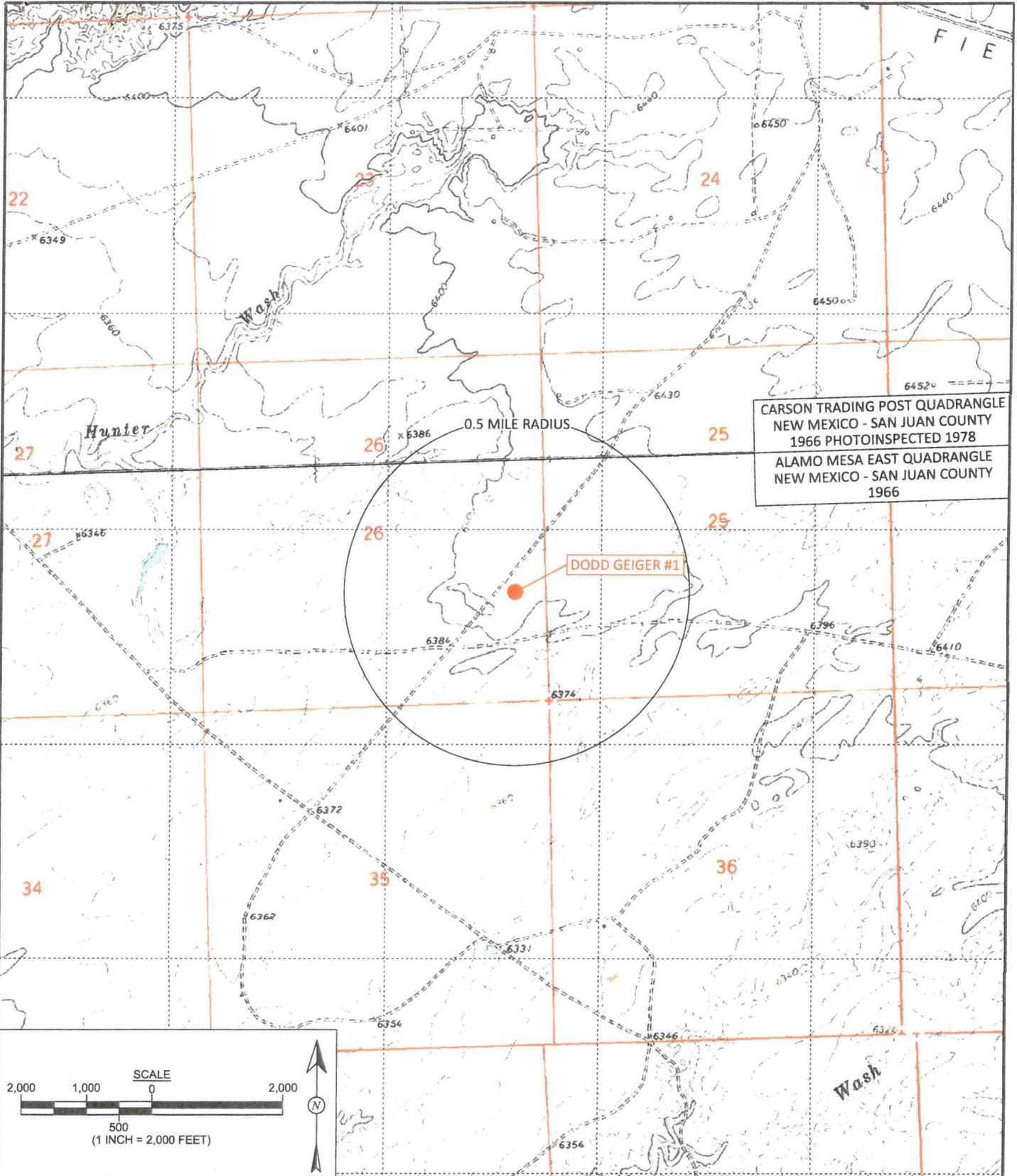
Township: 25N Range: 12W

*UTM location was derived from PLSS - see Help

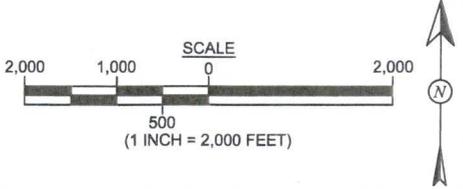
The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

12/18/18 10:58 AM

WATER COLUMN/ AVERAGE DEPTH
TO WATER



CARSON TRADING POST QUADRANGLE
 NEW MEXICO - SAN JUAN COUNTY
 1966 PHOTOINSPECTED 1978
 ALAMO MESA EAST QUADRANGLE
 NEW MEXICO - SAN JUAN COUNTY
 1966



 <p>animas environmental services Farmington, NM • Durango, CO animasenvironmental.com</p>	DRAWN BY: C. Lameman	DATE DRAWN: December 18, 2018	FIGURE 1 TOPOGRAPHIC SITE LOCATION MAP DJR OPERATING DODD GEIGER #1 API: 30-045-27234 INCIDENT NO: NE1/4 SE1/4, SECTION 26, T25N, R12W SAN JUAN COUNTY, NEW MEXICO N36.36942, W108.07279
	REVISIONS BY: C. Lameman	DATE REVISED: December 18, 2018	
	CHECKED BY: E. McNally	DATE CHECKED: December 18, 2018	
	APPROVED BY: E. McNally	DATE APPROVED: December 18, 2018	

