

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	NCS1931842879
District RP	3RP-1014
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	Harvest Midstream Company	OGRID
Contact Name	Kijun Hong	Contact Telephone 505-632-4475
Contact email	khong@harvestmidstream.com	Incident # (assigned by OCD)
Contact mailing address	1755 Arroyo Dr., Bloomfield, NM 87413	NCS1931842879

Location of Release Source

Latitude 36.41189 Longitude -107.18085
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Trunk S Pipeline	Site Type	Natural Gas Pipeline
Date Release Discovered	6/25/2019	API#	(if applicable)

Unit Letter	Section	Township	Range	County
I	7	25N	3W	Rio Arriba

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

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 type="checkbox"/> Produced Water	Volume Released (bbls)	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 checked="" type="checkbox"/> Condensate	Volume Released (bbls) 25	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Natural Gas	Volume Released (Mcf) 278.5	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Natural gas pipeline leak

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
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<p>Was this a major release as defined by 19.15.29.7(A) NMAC?</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>If YES, for what reason(s) does the responsible party consider this a major release?</p> <p>25+ bbls, based on visual observations and field work</p>
<p>If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?</p> <p>Immediate notice, by Kijun Hong to Cory Smith on June 25 via email</p>	

Initial Response

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

<p><input checked="" type="checkbox"/> The source of the release has been stopped.</p> <p><input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.</p> <p><input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.</p> <p><input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.</p>	
<p>If all the actions described above have <u>not</u> been undertaken, explain why:</p>	
<p>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.</p>	
<p>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.</p>	
<p>Printed Name: <u>Kijun Hong</u></p> <p>Signature: </p> <p>email: <u>khong@harvestmidstream.com</u></p>	<p>Title: <u>Environmental Specialist</u></p> <p>Date: <u>9/13/2019</u></p> <p>Telephone: <u>505-632-4475</u></p>
<p><u>OCD Only</u></p> <p>Received by: _____ Date: _____</p>	

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District RP	
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Application ID	

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>265</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 checked="" type="checkbox"/> Yes <input 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.


<p>Characterization Report Checklist: <i>Each of the following items must be included in the report.</i></p> <p><input checked="" type="checkbox"/> Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.</p> <p><input type="checkbox"/> Field data</p> <p><input type="checkbox"/> Data table of soil contaminant concentration data</p> <p><input checked="" type="checkbox"/> Depth to water determination</p> <p><input checked="" type="checkbox"/> Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release</p> <p><input type="checkbox"/> Boring or excavation logs</p> <p><input type="checkbox"/> Photographs including date and GIS information</p> <p><input checked="" type="checkbox"/> Topographic/Aerial maps</p> <p><input type="checkbox"/> Laboratory data including chain of custody</p>

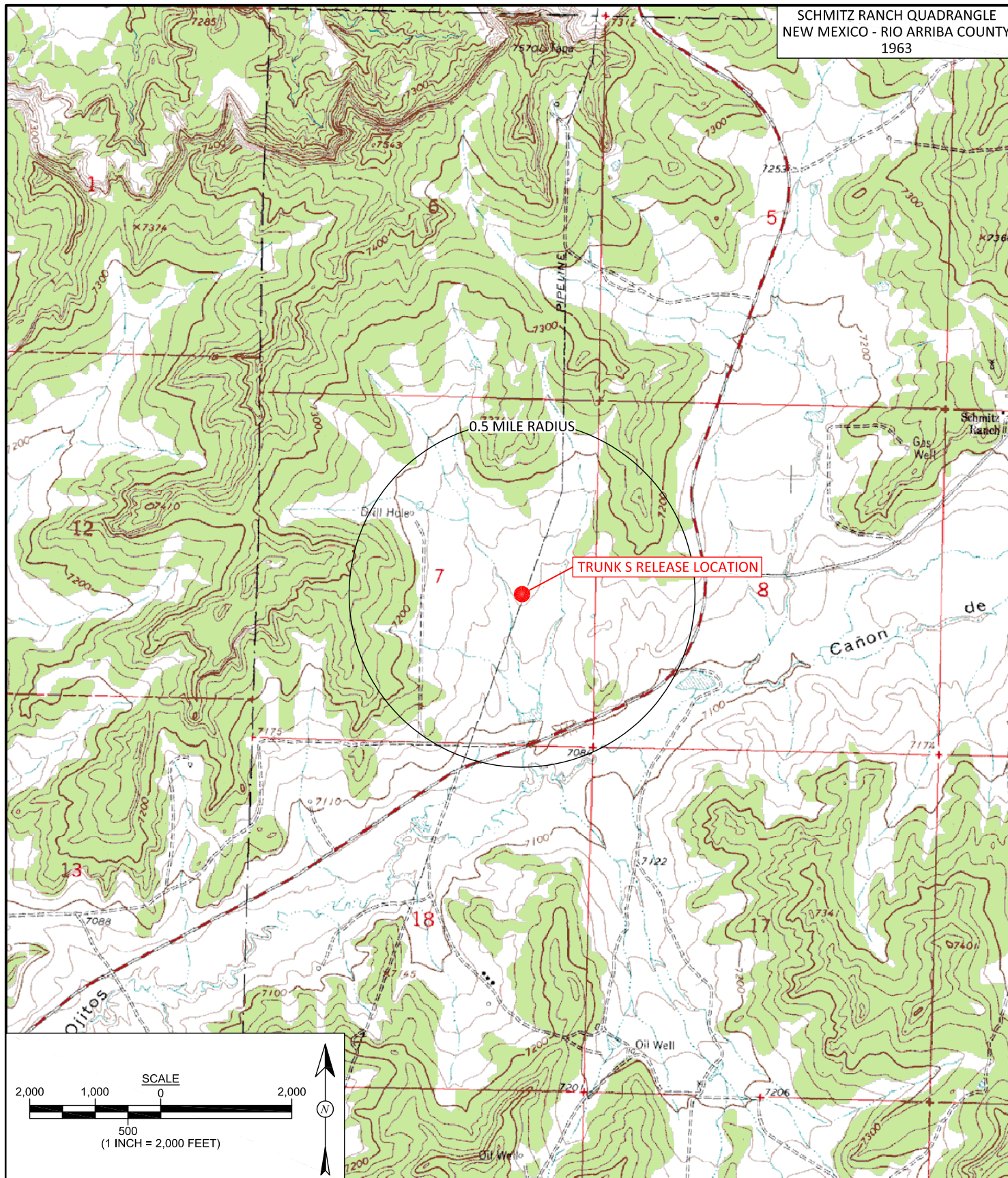
If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, 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.

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Printed Name: Kijun HongTitle: Environmental SpecialistSignature: Date: 9/13/2019email: khong@harvestmidstream.comTelephone: 505-632-4475**OCD Only**Received by: Date: 11/14/19



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DRAWN BY:
C. Lameman

DATE DRAWN:
July 22, 2019

REVISIONS BY:
C. Lameman

DATE REVISED:
July 22, 2019

CHECKED BY:
E. McNally

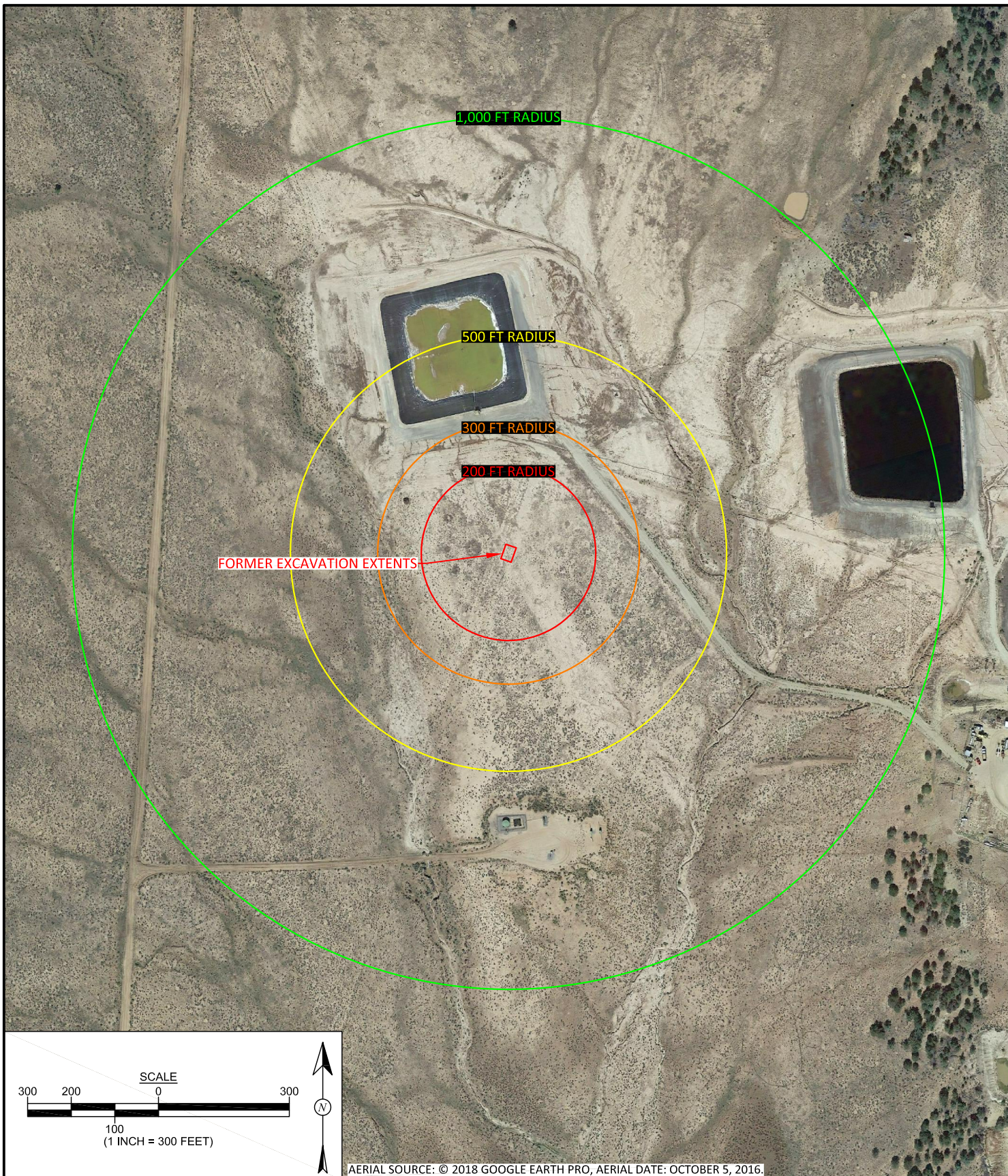
DATE CHECKED:
July 22, 2019

APPROVED BY:
E. McNally

DATE APPROVED:
July 22, 2019

FIGURE 1

TOPOGRAPHIC SITE LOCATION MAP
HARVEST MIDSTREAM
TRUNK S RELEASE LOCATION
NE $\frac{1}{4}$ SE $\frac{1}{4}$, SEC. 7, T25N, R3W
RIO ARRIBA COUNTY, NEW MEXICO
N36.41180, -107.18085



AERIAL SOURCE: © 2018 GOOGLE EARTH PRO, AERIAL DATE: OCTOBER 5, 2016.



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CHECKED BY:
E. McNally

DATE CHECKED:
July 22, 2019

APPROVED BY:
E. McNally

DATE APPROVED:
July 22, 2019

FIGURE 2

AERIAL SITE LOCATION MAP
 HARVEST MIDSTREAM
 TRUNK S RELEASE LOCATION
 NE¼ SE¼, SEC. 7, T25N, R3W
 RIO ARriba COUNTY, NEW MEXICO
 N36.41180, -107.18085



AERIAL SOURCE: © 2018 GOOGLE EARTH PRO, AERIAL DATE: OCTOBER 5, 2016.



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July 22, 2019

CHECKED BY:
E. McNally

DATE CHECKED:
July 22, 2019

APPROVED BY:
E. McNally

DATE APPROVED:
July 22, 2019

FIGURE 3

EXCAVATION DETAILS
HARVEST MIDSTREAM
TRUNK S RELEASE LOCATION
NE $\frac{1}{4}$ SE $\frac{1}{4}$, SEC. 7, T25N, R3W
RIO ARriba COUNTY, NEW MEXICO
N36.41180, -107.18085

NMOCD Site Assessment/Characterization, Remediation & Closure

Site Name:	Trunk S Pipeline Release Location
API #:	not applicable
Lat/Long:	36.41180 -107.18085
TRS:	NE/SE-7-25N-3W
Land Jurisdiction:	Private
County:	Rio Arriba
Determination made by:	DR
Date:	7/29/2019

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
NMOSE registered water well	SJ 01305	36.40979	-107.17622	0.29 mi
unregistered stock pond		36.40822	-107.17711	0.32 mi
unregistered stock pond		36.41501	-107.18651	0.38 mi
unregistered stock pond		36.41359	-107.17872	0.16 mi
unregistered stock pond		36.40696	-107.18029	0.34 mi
Distance to Nearest Significant Watercourse (NMAC 19.15.29.11A.4)				
unnamed wash 360 ft to ENE that ultimately drains to Largo Canyon wash				
Depth to Groundwater Determination (NMAC 19.15.29.11A.2)				
Cathodic Report/Site Specific Hydrogeology	none available			
Elevation Differential	approximately 10' higher than small wash 360' to ENE			
Water Wells	265' to water according to SJ 01305 well record			
Cathodic Report Nearby Wells	none available for nearby wells			

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):		
<300' of any continuously flowing watercourse or any other significant watercourse	Yes <input checked="" type="checkbox"/>	No <input 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:

"YES" marks: Although separate washes are 360' to ENE and 405' to W from lat/long listed, excavation location and initial lab results indicate the release has also occurred within 300' of significant watercourses. "No" marks: Well SJ01305 is 1,530' to SE.

Actual Depth to Groundwater is:	≤50 <input type="checkbox"/>	50-100 <input type="checkbox"/>	>100 <input checked="" type="checkbox"/>
Treat Depth to Groundwater as if it's ≤ 50 ft?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
	≤50	50-100	>100
Release Action Levels are... 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.

STATE ENGINEER OFFICE WELL RECORD

STATE ENGINEER
SANTA FE, N.M.

Section 1. GENERAL INFORMATION

(A) Owner of well Mr. John E. Schalk Owner's Well No. 82 JAN 25 AM 11 22
Street or Post Office Address P. O. Box 25825
City and State Albuquerque, N. M. 87125

Well was drilled under Permit No. SJ-1305-T and is located in the:

a. SW $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$ of Section 8 Township 25N Range 3W N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in _____ County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in
the _____ Grant.

(B) Drilling Contractor C. & C. Liquid Removers License No. WD-809

Address P. O. Box 663, Bloomfield, N. M. 87413

Drilling Began 11-28-80 Completed 12-15-80 Type tools Rotary Size of hole 7 7/8 in.

Elevation of land surface or 7,112 at well is _____ ft. Total depth of well 750 ft.

Completed well is ☐ shallow ☒ artesian. Depth to water upon completion of well 265 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			
<u>530</u>	<u>620</u>	<u>90</u>	<u>Grey & White Water Sand</u>	<u>150 gal per min</u>

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To
<u>6 5/8</u>	<u>61bs</u>	<u>Welded</u>	<u>24" above Ground</u>	<u>750'</u>	<u>752</u>	<u>Drive Shoe</u>	<u>530'</u>	<u>620'</u>

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
From	To				
<u>0</u>	<u>750</u>	<u>7 7/8</u>	<u>46</u>		<u>Setting on Bottom & Gravel Packed</u>

Section 5. PLUGGING RECORD

Plugging Contractor _____
Address _____
Plugging Method _____
Date Well Plugged _____
Plugging approved by: _____

State Engineer Representative

No.	Depth in Feet		Cubic Feet of Cement
	Top	Bottom	
<u>1</u>			
<u>2</u>			
<u>3</u>			
<u>4</u>			

82JAN21
11:24
STATE ENGINEER OFFICE
ALBUQUERQUE, N.M.

FOR USE OF STATE ENGINEER ONLY

Date Received 01-21-82

Quad _____ FWL _____ FSL _____

File No. SJ-1305-T Use Livestock Location No. 25N.03W.08 313 (RA)

Section 6. LOG OF HOLE

[illegible]

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.