

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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

OIL CONS. DIV DIST. 3

FEB 12 2018

Form C-141
Revised August 8, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit 1 Copy to appropriate District Office to
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☒ Subsequent Report ☐ Final Report

Name of Company Hilcorp Energy Company	Contact Lindsay Dumas
Address 1111 Travis St. Houston, TX 77002	Telephone No. (281)794-9159
Facility Name: SJ 27-5 110N	Facility Type: Gas

Surface Owner State	Mineral Owner State	API No. 3003927767
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LOCATION OF RELEASE

Unit Letter A	Section 02	Township 27N	Range 05W	Feet from the 920'	North/South Line North	Feet from the 855	East/West Line East	County Rio Arriba
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Latitude **36.6067696** Longitude **-107.3215485**

NATURE OF RELEASE

Type of Release Oil & Produced Water	Volume of Release 33 bbls/ 17 bbls	Volume Recovered 0 bbls
Source of Release Production Tank	Date and Hour of Occurrence 11/29/17 12:50pm	Date and Hour of Discovery 11/29/2017 12:50pm
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? NMOCD	
By Whom? Lisa Hunter	Date and Hour 11/30/2017 7:40AM	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. N/A	

If a Watercourse was Impacted, Describe Fully.*
N/A

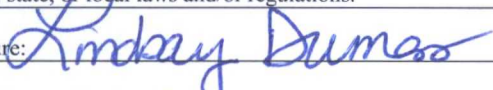
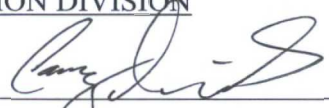
Describe Cause of Problem and Remedial Action Taken.*

The release as a result of corrosion on the bottom of the production tank. There was no standing product to recover.

Describe Area Affected and Cleanup Action Taken.*

Please see attached remediation plan.

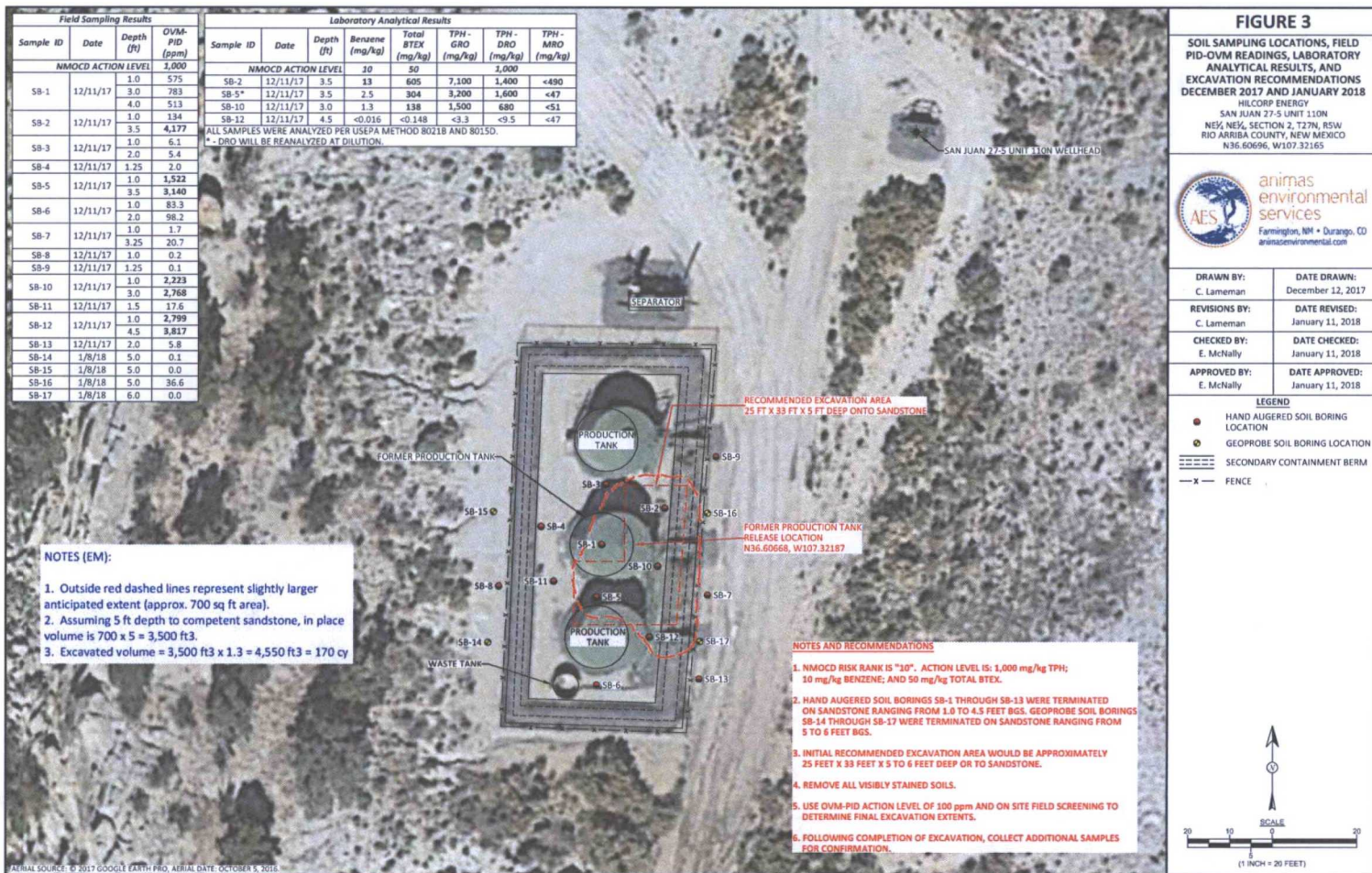
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: 	OIL CONSERVATION DIVISION	
Printed Name: Lindsay Dumas	Approved by Environmental Specialist: 	
Title: Environmental Specialist	Approval Date: 4/10/18	Expiration Date:
E-mail Address: Ldumas@hilcorp.com	Conditions of Approval: SAMPLE FOR TPH, BTEX, BENZENE	Attached <input type="checkbox"/>
Date: 2/8/2018 Phone: (281)794-9159	Each 100' stock pile must be sampled	

* Attach Additional Sheets If Necessary

With 6 weeks of Excavation piles that
Fail must be Removed Any Amendments must
Be Approved By OGD prior to use.
Sample vadose zone after Remediation is
complete.

5



Based on the attached final delineation report, Hilcorp plans to excavate approximately 170 cy of soil, confirmation sampling of excavation walls will occur and NMOCD & SLO will receive 48 hour notification to witness.

Hilcorp plans to remediate the soil onsite by using bioremediation piles. The release was 17 bbls of light end condensate, the soil is not super saturated. Bioremediation piles are the best path forward for this particular location due to transportation logistics. Groundwater is >100ft, there is no issue of contaminating the vadose zone. The piles will not be lined, but will be bermed. The bioremediation piles will be turned weekly and sampled 6 weeks from 1/29/2018. Approximately 150 lbs of 20-10-5 fertilizer has been mixed with the bioremediation pile. This was determined based on the following assumptions:

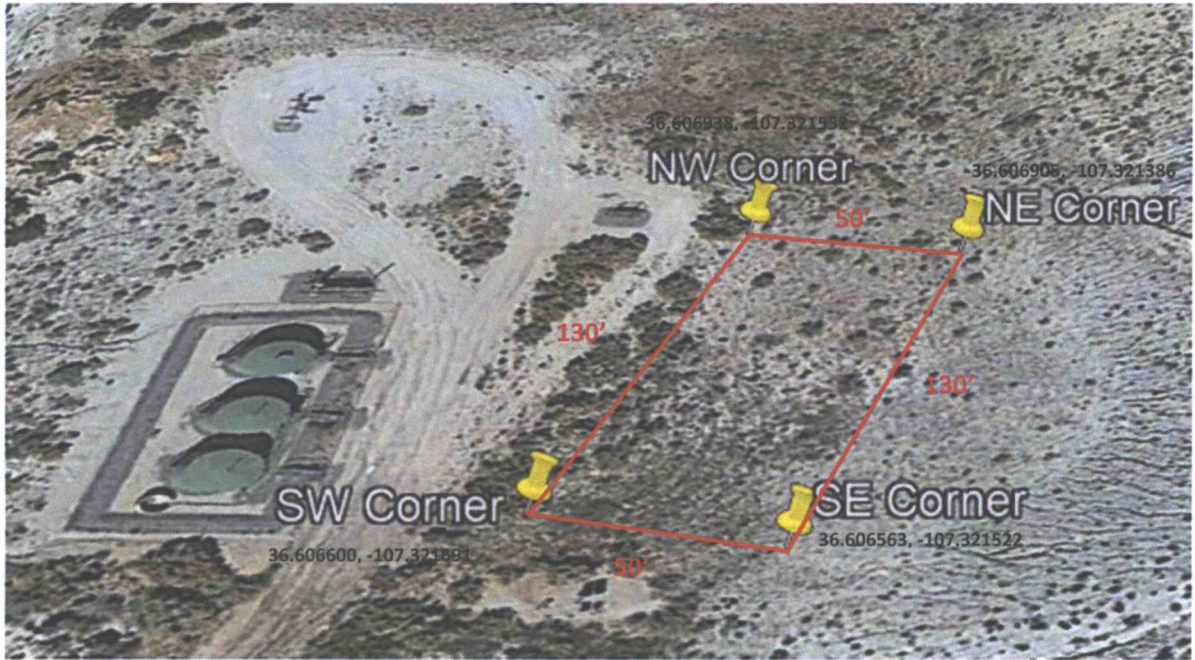
- TPH concentration of 8500 mg/kg
- 150:1 carbon to nitrogen ratio
- 4:1:1 nitrogen to phosphorous to potassium ratio

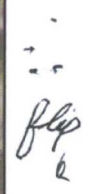
Sampling

On 3/12/18 1 – 5 pt composite per 100 cubic yards will be collected from the bioremediation piles. The soil samples will be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by Method 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C₆ thru C₃₆), and for chloride by Method 300.

Closure

Once laboratory analyses confirm nominal detection limits, the bioremediation pile will be used to backfill the current excavation. The surface below the piles will then be sampled with 2 – 5 pt composites, the area will be split in a north and a south area. The soil samples will be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by Method 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C₆ thru C₃₆), and for chloride by Method 300.





TPH - 1180 mg/kg (30)
23-34

