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-144 Revised April 3, 2017

Page 1 of 23

For temporary pits, below-grade tanks, and multi-well fluid management pits, submit to the appropriate NMOCD District Office. For permanent pits submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

<u>Pit, Below-Grade Tank, or</u> Proposed Alternative Method Permit or Closure Plan Application
Type of action:       X       Below grade tank registration         Permit of a pit or proposed alternative method         BGT1       Closure of a pit, below-grade tank, or proposed alternative method         Modification to an existing permit/or registration
Closure plan only submitted for an existing permitted or non-permitted pit, below-grade tank, or proposed alternative method
Instructions: Please submit one application (Form C-144) per individual pit, below-grade tank or alternative request Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.
1.     Operator: Harvest Four Corners     OGRID # 837388
Address: 1755 Arroyo Dr., Bloomfield, NM 874133
Facility or well name: Hillstrom #1 Drip
API Number: OCD Permit Number: Facility ID: fJMB2220060217
U/L or Qtr/Qtr SE/NE (H) Section 2 Township 31N Range 12W County : San Juan Center of Proposed Design: Latitude 36.92949 N Longitude 108.05755 W NAD Surface Owner Federal State Private Tribal
2. □ <u>Pit</u> : Subsection F, G or J of 19.15.17.11 NMAC Temporary: □ Drilling □ Workover
Permanent Emergency Cavitation P&A Multi-Well Fluid Management Low Chloride Drilling Fluid yes no
Lined Unlined Liner type: Thicknessmil LLDPE HDPE PVC Other
String-Reinforced
Liner Seams: Welded Factory Other Volume: bbl Dimensions: L x W x D
3. Below-grade tank: Subsection I of 19.15.17.11 NMAC Volume: <u>11.9</u> bbl Type of fluid: <u>Condensate/Produced</u> <u>Water</u> Tank Construction material: <u>metal</u>
<ul> <li>Secondary containment with leak detection</li> <li>Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off</li> <li>Visible sidewalls and liner</li> <li>Visible sidewalls only</li> <li>Other</li> <li>Other</li> <li>Single-Walled and Single-Bottomed</li> </ul>
4.     D     Alternative Method:     Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.
<ul> <li>5.</li> <li>Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pits, temporary pits, and below-grade tanks)</li> <li>Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, hospital, institution or church)</li> </ul>

 $\Box$  Four foot height, four strands of barbed wire evenly spaced between one and four feet

X Alternate. Please specify 4' fence: 3' of hog wire + 2 strands of barbed wire at top

**<u>Netting</u>**: Subsection E of 19.15.17.11 NMAC (*Applies to permanent pits and permanent open top tanks*)

Monthly inspections (If netting or screening is not physically feasible)

### Signs: Subsection C of 19.15.17.11 NMAC

X 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers

□ Signed in compliance with 19.15.16.8 NMAC

### Variances and Exceptions:

Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.

Please check a box if one or more of the following is requested, if not leave blank:

□ Variance(s): Requests must be submitted to the appropriate division district for consideration of approval.

Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

### <sup>9.</sup> <u>Siting Criteria (regarding permitting)</u>: 19.15.17.10 NMAC *Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below.* Siting criteria does not apply to drying pads or above-grade tanks.

General siting	
<u>Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank.</u> - X NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes X No ☐ NA
Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit. NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No X NA
<ul> <li>Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. (Does not apply to below grade tanks)</li> <li>Written confirmation or verification from the municipality; Written approval obtained from the municipality</li> </ul>	🗌 Yes 🗌 No
<ul> <li>Within the area overlying a subsurface mine. (Does not apply to below grade tanks)</li> <li>Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division</li> </ul>	🗌 Yes 🗌 No
<ul> <li>Within an unstable area. (Does not apply to below grade tanks)</li> <li>Engineering measures incorporated into the design; NM Bureau of Geology &amp; Mineral Resources; USGS; NM Geological Society; Topographic map</li> </ul>	🗌 Yes 🗌 No
<ul> <li>Within a 100-year floodplain. (Does not apply to below grade tanks)</li> <li>FEMA map</li> </ul>	🗌 Yes 🗌 No
Below Grade Tanks	
<ul> <li>Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark).</li> <li>Topographic map; Visual inspection (certification) of the proposed site</li> </ul>	Yes X No
<ul> <li>Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;.</li> <li>NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site</li> </ul>	Yes X No
Temporary Pit using Low Chloride Drilling Fluid (maximum chloride content 15,000 mg/liter)	
<ul> <li>Within 100 feet of a continuously flowing watercourse, or any other significant watercourse or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.)</li> <li>Topographic map; Visual inspection (certification) of the proposed site</li> </ul>	🗌 Yes 🗌 No
Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial application.	🗌 Yes 🗌 No
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	
Within 200 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 300feet of any other fresh water well or spring, in existence at the time of the initial application. NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	🗌 Yes 🗌 No

Received by OCD: 12/3/2020 9:57:27 AM	Page 3 of 2				
<ul> <li>Within 100 feet of a wetland.</li> <li>US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site</li> </ul>	🗌 Yes 🗌 No				
Temporary Pit Non-low chloride drilling fluid					
<ul> <li>Within 300 feet of a continuously flowing watercourse, or any other significant watercourse, or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).</li> <li>Topographic map; Visual inspection (certification) of the proposed site</li> </ul>					
<ul> <li>Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.</li> <li>Visual inspection (certification) of the proposed site; Aerial photo; Satellite image</li> </ul>	🗌 Yes 🗌 No				
<ul> <li>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, or 1000 feet of any other fresh water well or spring, in the existence at the time of the initial application;</li> <li>NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site</li> </ul>	🗌 Yes 🗌 No				
<ul> <li>Within 300 feet of a wetland.</li> <li>US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site</li> </ul>	🗌 Yes 🗌 No				
Permanent Pit or Multi-Well Fluid Management Pit					
<ul> <li>Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).</li> <li>Topographic map; Visual inspection (certification) of the proposed site</li> </ul>	🗌 Yes 🗌 No				
<ul> <li>Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.</li> <li>Visual inspection (certification) of the proposed site; Aerial photo; Satellite image</li> </ul>	🗌 Yes 🗌 No				
<ul> <li>Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of initial application.</li> <li>NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site</li> </ul>					
<ul> <li>Within 500 feet of a wetland.</li> <li>US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site</li> </ul>					
<ul> <li>10.</li> <li>Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 N Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the doc attached.</li> <li>X Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Design Plan - based upon the appropriate requirements of 19.15.17.10 NMAC Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19. and 19.15.17.13 NMAC</li> <li>Previously Approved Design (attach copy of design) API Number: or Permit Number: or Permit Number:</li> </ul>	cuments are NMAC 15.17.9 NMAC				
11. <u>Multi-Well Fluid Management Pit Checklist</u> : Subsection B of 19.15.17.9 NMAC					
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the doc attached.	.15.17.9 NMAC				
Previously Approved Design (attach copy of design) API Number: or Permit Number:					

12.         Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC         Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the attached.         Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC         Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC         Climatological Factors Assessment         Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC         Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC         Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC         Quality Control/Quality Assurance Construction and Installation Plan         Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC         Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC         Emergency Response Plan         Oil Field Waste Stream Characterization         Monitoring and Inspection Plan         Erosion Control Plan         Closure Plan - based upon the appropriate requirements of 19.15.17.9 NMAC and 19.15.17.13 NMAC	documents are
13.       Proposed Closure:       19.15.17.13 NMAC         Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.         Type:       Drilling       Workover       Emergency       Cavitation       P&A       Permanent Pit       Below-grade Tank       Multi-well F         Alternative       Alternative         Proposed Closure Method:       Waste Excavation and Removal         Waste Removal (Closed-loop systems only)         On-site Closure Method (Only for temporary pits and closed-loop systems)         In-place Burial       On-site Trench Burial         Alternative Closure Method	luid Management Pit
<ul> <li>14.</li> <li>Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be a closure plan. Please indicate, by a check mark in the box, that the documents are attached.</li> <li>Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC</li> <li>Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.13 NMAC</li> <li>Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)</li> <li>Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC</li> <li>Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC</li> </ul>	
15. <u>Siting Criteria (regarding on-site closure methods only)</u> : 19.15.17.10 NMAC Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable sour provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. F 19.15.17.10 NMAC for guidance.	
Ground water is less than 25 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	Yes No NA
Ground water is between 25-50 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
<ul> <li>Ground water is more than 100 feet below the bottom of the buried waste.</li> <li>NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells</li> </ul>	□ Yes □ No □ NA
<ul> <li>Within 100 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).</li> <li>Topographic map; Visual inspection (certification) of the proposed site</li> </ul>	🗌 Yes 🗌 No
<ul> <li>Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.</li> <li>Visual inspection (certification) of the proposed site; Aerial photo; Satellite image</li> </ul>	🗌 Yes 🗌 No
<ul> <li>Within 300 horizontal feet of a private, domestic fresh water well or spring used for domestic or stock watering purposes, in existence at the time of initial application.</li> <li>NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site</li> </ul>	🗌 Yes 🗌 No
Written confirmation or verification from the municipality; Written approval obtained from the municipality	🗌 Yes 🗌 No
Within 300 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	🗌 Yes 🗌 No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance	
Form C-144 Oil Conservation Division Page 4 o	f6

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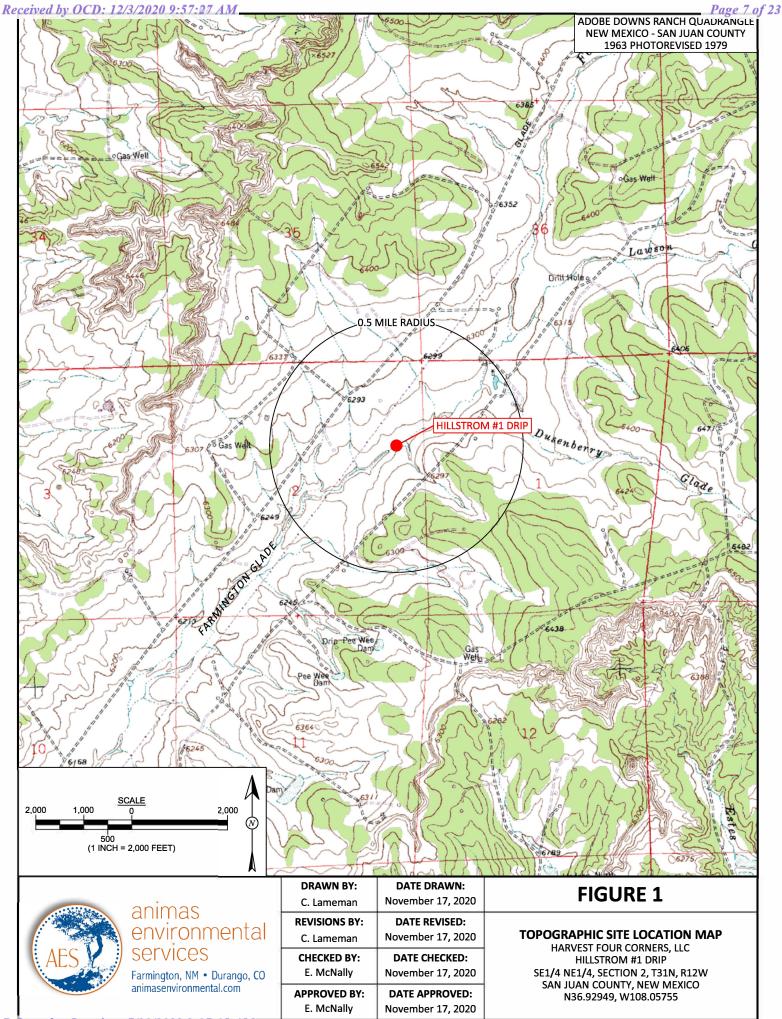
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adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	🗌 Yes 🗌 No
<ul> <li>Within the area overlying a subsurface mine.</li> <li>Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division</li> </ul>	🗌 Yes 🗌 No
<ul> <li>Within an unstable area.</li> <li>Engineering measures incorporated into the design; NM Bureau of Geology &amp; Mineral Resources; USGS; NM Geological Society; Topographic map</li> </ul>	
Within a 100-year floodplain. FEMA map	☐ Yes ☐ No ☐ Yes ☐ No
<ul> <li>16.</li> <li>On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure play a check mark in the box, that the documents are attached.</li> <li>Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC</li> <li>Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection E of 19.15.17.13 NMAC</li> <li>Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K of 19.15.17.</li> <li>Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.</li> <li>Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC</li> <li>Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC</li> <li>Waste Material Sampling Plan - based upon the appropriate requirements of 19.15.17.13 NMAC</li> <li>Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cann</li> <li>Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC</li> <li>Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC</li> </ul>	11 NMAC 15.17.11 NMAC
17.         Operator Application Certification:         I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and best and best of my knowledge and best of my knowl	
18.	
OCD Approval:       X       Permit Application (including closure plan)       Closure Plan (only)       OCD Conditions (see attachment)         OCD Representative Signature:       Jaclyn Burdine       Approval Date: 07/20/	2022
Title:       Environmental Specialist-A         OCD Permit Number:       Facility ID: fJMB2	
19. Closure Report (required within 60 days of closure completion): 19.15.17.13 NMAC Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not section of the form until an approved closure plan has been obtained and the closure activities have been completed. Closure Completion Date:	
20.         Closure Method:         Waste Excavation and Removal         On-Site Closure Method         Alternative Closure Method         If different from approved plan, please explain.	oop systems only)
21.         Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please in mark in the box, that the documents are attached. <ul> <li>Proof of Closure Notice (surface owner and division)</li> <li>Proof of Deed Notice (required for on-site closure for private land only)</li> <li>Plot Plan (for on-site closures and temporary pits)</li> <li>Confirmation Sampling Analytical Results (if applicable)</li> <li>Waste Material Sampling Analytical Results (required for on-site closure)</li> <li>Disposal Facility Name and Permit Number Not Applicable - no soil disposal</li> <li>Soil Backfilling and Cover Installation</li> <li>Re-vegetation Application Rates and Seeding Technique</li> <li>Site Reclamation (Photo Documentation)</li> </ul>	dicate, by a check

	(Photo L	ocumentation
On-site Closure I	ocation:	Latitude

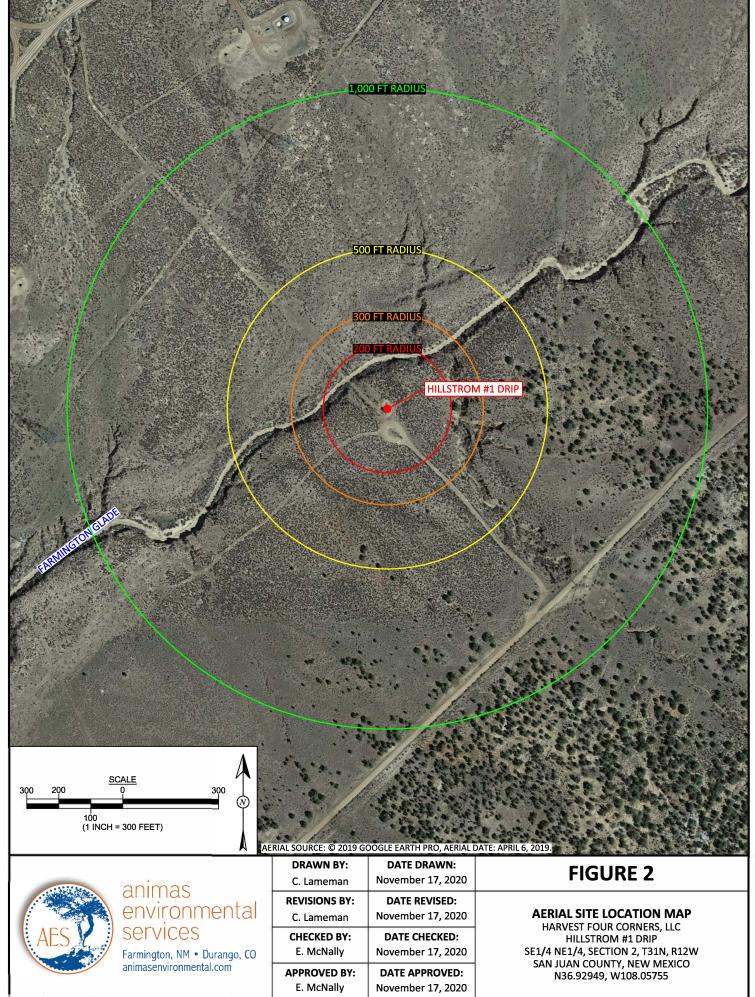
Longitude

NAD: 1927 1983

22. <u>Operator Closure Certification</u> :							
I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.							
Name (Print):	Title:						
Signature:	Date:						
email address:	Telephone:						



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BGT Siting Criteria - Summary Information Shee 19.15.17.10 NMAC	et
Site Name:	Hillstrom 1 Drip
Pit Identifier:	BGT
API #:	: none
Lat/Long:	: N36.92949 W108.05755
Qtr/Qtr-Section-Township-Range:	: SE/NE-2-31N-12W
Land Jurisdiction:	: Private
County:	: San Juan
Determination made by:	: David Reese (Environmental Scientist)
Date:	: 11/16/2020
Depth	to Groundwater Determination
Is groundwater less than 25 feet below the bot	ttom of below grade tank? Yes 🗌 No 🗹
Cathodic Report/Site Specific Hydrogeology	none
Elevation Differential	l approx. 20' higher than Farmington Glade
Water Wells	s 50' at both SJ 03987 and SJ 03995 (both are 15' higher than site)
Cathodic Report Nearby Wells	s
	Distance to Waterbodies
Is the BGT within 100 feet of a continuously flo watercourse, lake bed, sinkhole, wetland or pla	
Nearest continuously flowing watercourse, sign watercourse, lake bed, sinkhole, wetland or pla (measured from the ordinary high-water mark)	laya lake Farmington Glade is 140' to the northwest
	Distance to Water Sources
Is the BGT within 200 horizontal feet of a spring or livestock consumption?	ng or fresh water well used for public Yes 🗌 No 🗹
Springs or wells within 200 feet:	No wells registered within 1/2 mile.

### **Hillstrom 1 Drip**

### Site Specific Hydrogeology

This particular site is located within the Adobe Downs Ranch 7.5' USGS topographic quadrangle. This location is in section 2 of Township 31 North Range 12 West of the Public Land Survey System (New Mexico Principal Meridian) in San Juan County, New Mexico. The nearest town is La Plata, located 7.2 miles to the west. The nearest large town (population greater than 10,000) is Farmington, located 13.5 miles to the southwest. The nearest highway is State Highway 574, located 2.1 miles to the southwest. The location is on Private land and is 660 feet from the edge of the parcel as notated in the ArcGIS Land Ownership – New Mexico layer. This location is in the Middle San Juan. Arizona, Colorado, New Mexico, Sub-basin. This location is located 1914 meters or 6277 feet above sea level and receives 14 inches of rain each year. The vegetation at this location is classified as Inter-Mountain Basins Big Sagebrush Shrubland as per the Southwest Regional Gap Analysis Program.

The estimated depth to ground water at this point is 25 to 50 feet. This estimation is based on the data published on the NMOSE New Mexico Water Rights Reporting System. Groundwater data available from that database for wells near the proposed site are attached. The nearest stream is 140 feet to the northwest and is classified by the USGS as an intermittent stream. The nearest perennial stream is the Animas River 6.5 miles to the southeast. The nearest water body is a stock pond 0.46 miles to the northeast. The nearest water well is 0.49 miles to the northeast. There are no wetlands designated on the US Fish & Wildlife Service National Wetlands Inventory. The slope at this location is to the northwest. This information is discerned from Google Earth and the included topographic map. The surface geology at this location is NACIMIENTO FORMATION--Shale and sandstone with a Shale dominated formations of all ages substrate. The soil at this location is 'Blancot-Notal association, gently sloping' and is well drained and not hydric with moderate erosion potential as taken from the NRCS Web Soil Survey accessed November 16, 2020.

### **Regional Geological Context:**

The Nacimiento Formation is of Paleocene age (Baltz, 1967, p. 35). It crops out in a broad band inside the southern and western margins of the central basin and in a narrow band along the west face of the Nacimiento Uplift. The Nacimiento is a nonresistant unit and typically erodes to low, rounded hills or forms badland topography.

The Nacimiento Formation occurs in approximately only the southern two-thirds of the San Juan Basin where it conformably overlies and intertongues with the Ojo Alamo Sandstone (Fassett, 1974, p. 229). The Nacimiento Formation grades laterally into the main part of the Animas Formation (Fassett and Hinds, 1971, p. 34); thus, in this area, the two formations occupy the same stratigraphic interval. Strata of the Nacimiento Formation were deposited in lakebeds in the central basin area with lesser deposition in stream channels (Brimhall, 1973, p. 201). In general, the Nacimiento consists of drab, interbedded black and gray shale with discontinuous, white, medium- to very coarse grained arkosic sandstone (Stone e al., 1983, p.30). Stone et al. indicated that the formation may contain more sandstone than commonly reported because some investigators assume the slope-forming strata in the unit area shales, whereas in many places the strata actually are poorly consolidated sandstones.

Total thickness of the Nacimiento Formation ranges from about 500 to 1,300 feet. The unit generally thickens from the basin margins toward the basin center (Steven et al., 1974). The sandstone deposits within the Nacimiento Formation are much thinner than the total thickness of the formation because

their environment of deposition was localized stream channels (Brimhall, 1973, p. 201). The thickness of the combined San Jose, Animas, and Nacimiento Formations ranges from 500 to more than 3.500 feet.

### Hydraulic Properties:

Reported well yields for 53 wells completed in either the Animas or Nacimiento Formations range from 2 to 90 gallons per minute and the median yield is 7.5 gallons per minute. The primary use of water from Nacimiento and Animas Formations is domestic and livestock supplies. There are no known aquifer tests for the Animas or Nacimiento Formations, but specific capacities reported for six wells range from 0.24 to 2.30 gallons per minute per foot of drawdown (Levings et al., 1990). The Animas and Nacimiento Formations are in many ways hydrologically similar to the San Jose Formation because sands in both units produce approximately the same quantities of water. However, the greater percentage of fine materials in the Animas and Nacimiento Formations may restrict downward vertical leakage to the Ojo Alamo Sandstone or Kirtland Shale. The poorly cemented fine material is highly erodible, forms a badland terrain and supports only spotty vegetation. These conditions are more conductive to runoff than retention of precipitation.

### References:

Baltz, E.H., 1967, Stratigraphy and regional tectonic implications of part of Upper Cretaceous rocks, east central San Juan Basin, New Mexico: USGS Professional Paper 552, 101 p.

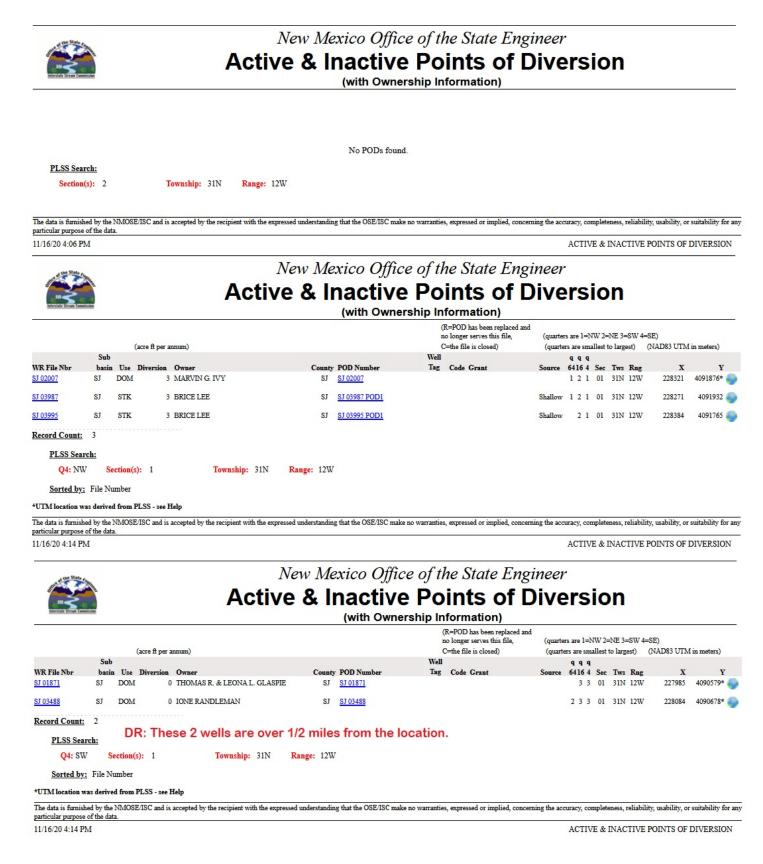
Brimhall, R.M., 1973, Ground-water hydrology of Tertiary rocks of the San Juan Basin, New Mexico, in Fassett, J.E., ed., Cretaceous and Tertiary rocks of the Southern Colorado Plateau: Four Corners Geological Society Memoir, p. 197-207.

Fassett, J.E., 1974, Cretaceous and Tertiary rocks of the eastern San Juan Basin, New Mexico and Colorado, in Guidebook of Ghost Ranch, central-northern New Mexico: New Mexico Geological Society, 25th Field Conference, p. 225-230.

Fassett, J.E., and Hinds, J.S., 1971, Geology and fuel resources of the Fruitland Formation and Kirtland Shale of the San Juan Basin, New Mexico and Colorado: USGS Professional Paper 676, 76 p.

Levings, G.W., Craigg, S.d., Dam, W.L., Kernodle, J.M., and Thorn, C.R., 1990, Hydrogeology of the San Jose, Nacimiento, and Animas Formations in the San Juan structural basin, New Mexico, Colorado, Arizona, and Utah: USGS Hydrologic Investigations Atlas HA-720-A, 2 sheets.

Stone, W.J., Lyford, F.P., Frenzel, P.F., Mizell, N.H., and Padgett, E.T., 1983, Hydrogeology and water resources of San Juan Basin, New Mexico: New Mexico Bureau of Mines and Mineral Resources, Hydrologic Report 6.





## WELL RECORD & LOG OFFICE OF THE STATE ENGINEER



<u>www.ose.state.nm.us</u>

LiziL-8 Fill: Cz

NO	POD NUMBER (WELL NUMBER)						OSE FILE NUI SJ-3987	MBER(S)				
GENERAL AND WELL LOCATION	well owner Name(s) Brice Lee							PHONE (OPTIONAL) 970-588-3369				
WELLI	WELL OW 940 CR	DWNER MAILING ADDRESS CR 119						crrv Hesperus		STATE CO	81	zip 1326
(ND	WEL	L.			DEGREES	MINUTES SECO						
AL. V	LOCAT	ION	LAT	TUDE	36	56	.03 N		REQUIRED: ONE TEN	TH OF A SEC	COND	
ER,	(FROM (	GPS)	LON	IGITUDE	108	13	.30 W	* DATUM RE	OUIRED: WGS 84			
L. GEN	DESCRUT	ION REL	ATIN	G WELL LOCATI	ON TO STREET ADDRE	SS AND COMMON LAND	IARKS					
	(2.5 AC	RIE)		(10 ACRE)	(40 ACRE)	(160 ACRE)	SECTION		TOWNSHIP	NORTH	RANGE	EAST
AI.	1	/4	N١	W %.	NE ¼	NW ¼		01	31	SOUTH	12	
OPTIONAL	SUBDIVIS	ON NAM	Æ			· · · · · · · · · · · · · · · · · · ·	LOT NUM	BER	BLOCK NUMBER		UNIT/TRA	CT
2. 0	HYDROGR	APHIC S	URVE	EY					MAPNUMBER		TRACT N	JMBER
	LICENSE NUMBER NAME OF LICENSED DRILLER WD 1357 Mark Bailey							NAME OF WELL DR Bailey Drilling				
3. DRILLING INFORMATION		DRILLING STARTED         DRILLING ENDED         DEPTH OF COMPLETED WELL (FT)         BORE HO           1-22-12         1-22-12         90         100						ле depth (ft) 90	) DEITH WATER FIRST ENCOUNTERED (FT) 70			
	COMPLETI	APLETED WELL IS: ARTESIAN DRY HOLE SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) 50			LL (FT)		
0.1	DRILLING	DRILLING FLUID: AIR MUD ADDITIVES - SPECIFY:										
U E	DRILLING	METHOR	);	ROTARY	HAMMER	CABLE TOOL	отне	R - SPECIFY:		_		
111	DEPTH (FT) BORE HOLE		E (	CASING CON		ECTION	INSIDE DIA.	CASING	WALL	SLOT		
DRI	FROM	ТО		DIA. (IN)	M	ATERIAL	TYPE	(CASING)	CASING (IN)	THICKN	ESS (IN)	SIZE (IN)
J.	0	70		10 5/8		PVC	9	lued	8	sch	40	
	0	60		7 7/8		PVC		lued	5	sch		
	60	90	$\rightarrow$	7 7/8		PVC	<u> </u>	lued	5	sch	40	1/16X4
		H (FT)		THEOLOGY		ANATION DESCRIPT	FION OF D	DISCUDAT W		<u> </u>		
⊴∣	FROM	<u>то</u>	$\neg$	THICKNES (FT)	5   "	ORMATION DESCRIP (INCLUDE WATER-					I	YIELD (GPM)
LR.V.	70	90		20		sand				- <u> </u>		1
S O												
Ĩ							<u>_</u>		· <u> </u>			
- BE			_		·							
WATER BEARING STRATA												
4. WA	air lift	SED TO	ESTIN	ATE YIELD OF	VATER-BEARING STRA	.TA			TOTAL ESTIMATED	well yiel 1	D (GPM)	

FOR OSE INTERNAL USE	WELL RECORD & LOG (Version 6/9/08)		
FILE NUMBER SI-3987	POD NUMBER	TRN NUMBER	
LOCATION 31N. 19W. OI 191	·····		PAGE 1 OF 2

	TYPE O	F PUMP:	SUBMER		☐ JET □ CYLINDER	✓ NO PUMP - WELL NOT EQUIPPED ☐ OTHER - SPECIFY;			
SEAL AND PUMP	ANNULAR		DEPTH		BORE HOLE DIA. (IN)	MATERIAL TYPE AND SIZE	AMOUNT (CUBIC FT)		OD OF EMENT
N.	ANNI SEAL		0	70	8	cement	2	hand	pour
S. SE	GRAVEL PACK		50	90	7 7/8	3/8 pea gravel	9		pour
4.									
	DEPT	H (FT)	THICK			COLOR AND TYPE OF MATERIAL ENCOUN'			
	FROM         TO         (FT)         (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)					TER UNG?			
1	0	90	90	)		sandy fill	<u> </u>	🖸 YES	ON D
				<b></b>		······································	·	U YES	ОИ 🔲
								🗋 YES	ON 🗌
								🔲 YES	D NO
1.1						· · · · · · · · · · · · · · · · · · ·		U YES	ON 🗌
GEOLOGIC LOG OF WELL		<u></u> .				·····		□ YES	DNO
40 C								TYES 1	ON 🗌
ŊŎŢ								U YES	ON 🗖
GIC							<b></b>	S YES	ON 🗌
010		<u> </u>	 					The Yes	
6. G E			ļ			······	<b>.</b>	T YES	
9					<u> </u>		<u>.                                    </u>	The second secon	□ NO
			=		<b></b>			U YES	ON 🗖
								□ YES	
							<u></u>	T YES	□ NO
					·			☐ YES	NO
								T YES	
]			ATTACH .	ADDITION.	AL PAGES AS NE	EDED TO FULLY DESCRIBE THE GEOLOGIC	LOG OF THE WELL		
<u></u>		INDON	METHOD:	🗌 BAILEI		AIR LIFT OTHER – SPECIFY:			
ADDITIONAL INFO	WELL	TEST	TEST RESUL AND A TABI	LTS - ATTA LE SHOWIN	CH A COPY OF D. SG DISCHARGE A	ATA COLLECTED DURING WELL TESTING, ND DRAWDOWN OVER THE TESTING PERI	INCLUDING START TE DD.	ME, END TI	ME,
NO.	ADDITION	AL STATEN	IENTS OR EXPLA	NATIONS:					
DIT									
									]
TEST &								20i2	10
7. TE								i. T	2
				•				Ľ.	
JRE	CORREC	T RECORI	D OF THE ABC	IVE DESCR	IBED HOLE AND	ST OF HIS OR HER KNOWLEDGE AND BELIE THAT HE OR SHE WILL FILE THIS WELL RI	EF, THE FOREGOING IS ECORD WITH THE STA	A TRUE A FE ÉNGINE	ND- ER AND
LLV.	THE PER	MEI HOLI	JER WITHIN 2	w DAYS AF	TER COMPLETIC	ON OF WELL DRILLING:		-	
SIGNATURE			Mark	Br.	Jan	1-26-2012			<u>R</u>
×			SIGNATURE	OF DRILL	ER	DATE		C C	8월
			<del></del>					<u></u>	

FOR OSE INTERNAL USE		WELL RECORD & LOC	i (Version 6/9/08)
FILE NUMBER SU - 3987	POD NUMBER	TRN NUMBER	
LOCATION 31N.12N.01.12		······································	PAGE 2 OF 2



# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

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STATE ELCONTROCOFFICE AZTEO, ELEVIDEXICO

2012 FEU - 8 Fr. 12: 13

POD NUM	BER (WE	LL NU	JMBER)						OSE FILE NUI SJ-3995	MBER(S)			
1		-1E(S)											
		LING	ADDRESS	_				-	Hesperus	·	state CO	8	zip 1326
WEL	L.			Ð	GREES	MINUTES							
		LAT	TTUDE		36	56					TH OF A SEC	COND	
(FROM 0	GPS)	LON	GITUDE	_	108	25		.80 <sup>W</sup>	* DATUM REG	QUIRED: WGS 84		_	
DESCRIPT	TON REL	ATIN.	G WELL LOCATI	ON TO	STREET ADDRE	SS AND COMMON	LANDM	ARKS					
(2.5 AC	RE)		(10 ACRE)	··	(40 ACRE)	(160 ACRE)	)	SECTION		TOWNSHIP		RANGE	EAST
1	4		1/4	٨	IE ¼	NW 1/4			01	31		12	west
SUBDIVIS	ION NAM	E			_			LOT NUM	BER	BLOCK NUMBER		UNIT/TRA	CT
HYDROGR	APHIC S	URVE	EY MAP NUMBER TRACT NUMBER					JMBER					
1	LICENSE NUMBER NAME OF LICENSED DRILLER NAME OF WELL DRILLING COMPANY Bailey Drilling Company												
		D			DEPTH OF COM		5	BORE HOL	E DEPTH (FT)	60			
1-2	5-12		1-25-12			160			160				
COMPLET	ED WELL	IS:	ARTESIAN	!	DRY HOLE	Shallow	V (UNCO)	VFINED)	STATIC WATER LEVEL IN COMPLETED WELL (FT) 50				LL (FT)
DRILLING	FLUID:		🖌 AIR				IS – SPEC	IFY:					
DRILLING	METHOR	D:		_	HAMMER	CABLE TO	oot.	OTHE	R ~ SPECIFY:				
<b>}</b>	<u> </u>		BORE HOL DIA. (1N)	E						INSIDE DIA. CASING (IN)			SLOT SIZE (IN)
0	160	5	7 7/8	-+	. <u> </u>	PVC		g	lued	5	sch	40	1/16X4
								<u> </u>			<u> </u>		
				s	FC								YIELD
				$ \rightarrow $		(INCLUDE WA	ATER-B			R FRACTURE ZON	ES)		(GPM)
- 0	80	-+	80					sand	and clay				
				-+									
				$\rightarrow$									
метнор ( air lift	ISED TO I	ESTIN	ATE YIELD OF V	NATE	R-BEARING STRA	TA				TOTAL ESTIMATED	well yiel 1	D (GPM)	
	WELL OW Brice Lo WELL OW 940 CR WELL OW 940 CR CR WELLOW 1000000000000000000000000000000000000	WELL OWNER NAM Brice Lee WELL OWNER MAI 940 CR 119 UELL LOCATION (FROM GPS) DESCRIPTION REL (2.5 ACRE) // SUBDIVISION NAM HYDROGRAPHIC S LICENSE NUMBER WD 1357 DRILLING STARTE 1-25-12 COMPLETED WELL DRILLING FLUID. DRILLING FLUID. DRILLING FLUID. DRILLING FLUID. DRILLING FLUID. DRILLING FLUID. DRILLING FLUID. DRILLING METHOF DEPTH (FT) FROM TO 0 160 0 80 0 80 0 80	WELL OWNER NAME(S)         Brice Lee         WELL OWNER MAILING         940 CR 119         WELL         LOCATION         LAT         (FROM GPS)         LO         DESCRIPTION RELATING         (2.5 ACRE)         ¼         SUBDIVISION NAME         HYDROGRAPHIC SURVE         LICENSE NUMBER         WD 1357         DRILLING STARTED         1-25-12         COMPLETED WELL IS:         DRILLING FLUID:         DRILLING METHOD:         DEPTH (FT)         FROM       TO         0       160         DEPTH (FT)         FROM       TO         0       80         METHOD USED TO ESTIN	WELL OWNER MAILING ADDRESS         940 CR 119         WELL         LOCATION         (FROM GPS)         LONGITUDE         DESCRIPTION RELATING WELL LOCATION         (2.5 ACRE)       (10 ACRE)         1/4       1/4         SUBDIVISION NAME         HYDROGRAPHIC SURVEY         LICENSE NUMBER       NAME OF LICE         WD 1357       Mark Baile         DRILLING STARTED       DRILLING ENE         1-25-12       1-25-12         COMPLETED WELL IS:       ARTESIAN         DRILLING FLUID:       ✓ AIR         DRILLING FLUID:       ✓ AIR         DRILLING FLUID:       ✓ AIR         DRILLING FLUID:       ✓ AIR         DRILLING METHOD:       ✓ ROTARY         DEPTH (FT)       BORE HOL         FROM       TO         DIA. (IN)       0         160       7 7/8	WELL OWNER NAME(S)         Brice Lee         WELL OWNER MAILING ADDRESS         940 CR 119         WELL         UCATION         LATITUDE         (FROM GPS)         LONGITUDE         DESCRIPTION RELATING WELL LOCATION TO         (2.5 ACRE)       (10 ACRE)         1/2       1/2         VD DESCRIPTION RELATING WELL LOCATION TO         (2.5 ACRE)       (10 ACRE)         1/4       1/4         SUBDIVISION NAME         HYDROGRAPHIC SURVEY         LICENSE NUMBER       NAME OF LICENSED         WD 1357       Mark Bailey         DRILLING STARTED       DRILLING ENDED         1-25-12       DRILLING ENDED         1-25-12       AIR         DRILLING FLUID:       AIR         DRILLING FLUID:       AIR         DRILLING METHOD:       ROTARY         DEPTH (FT)       BORE HOLE         FROM       TO         DIA. (IN)       0         160       7 7/8         DEPTH (FT)       THICK NESS         FROM       TO         O       80         BO       BO         DEPTH (FT)       THICK N	WELL OWNER NAME(S)         Brice Lee         WELL OWNER MAILING ADDRESS         940 CR 119         WELL         LOCATION         LATITUDE         36         (FROM GPS)         LONGITUDE         108         DESCRIPTION RELATING WELL LOCATION TO STREET ADDRES         (2.5 ACRE)       (10 ACRE)         (4       12         V4       14         SUBDIVISION NAME         HYDROGRAPHIC SURVEY         LICENSE NUMBER       NAME OF LICENSED DRILLER         WD 1357       Mark Bailey         DRILLING STARTED       DRILLING ENDED       DEPTH OF COMITICIPITOR STARTED         DRILLING STARTED       DRILLING ENDED       DEPTH OF COMITICIPITOR METHOD:         PART OF DIAL (IN)       MUD         DRILLING FLUID       AIR       MUD         DRILLING FLUID       AIR       MUD         DRILLING METHOD:       ROTARY       HAMMER         DEPTH (FT)       BORE HOLE       C         FROM       TO       (FT)       MUD         DEPTH (FT)       THICK NESS       FC         FROM       TO       (FT)       C         DEPTH (FT)       THICK N	WELL OWNER NAME(S)         Brice Lee         WELL OWNER MAILING ADDRESS         940 CR 119         WELL CONTON         LATITUDE         36         56         (FROM GPS)         LONGITUDE         108         25         DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON         (2.5 ACRE)       (10 ACRE)         (40 ACRE)       (160 ACRE)         (2.5 ACRE)       (10 ACRE)         (40 ACRE)       (160 ACRE)         (2.5 ACRE)       (10 ACRE)         (40 ACRE)       (160 ACRE)         (10 ACRE)       (40 ACRE)         (10 ACRE)       (160 ACRE)         (10 ACRE)       (40 ACRE)         (10 ACRE)       (160 ACRE)         (11 CENSE NUMBER       NAME OF LICENSED DRILLER         WD 1357       Mark Bailey         DRILLING STARTED       DRILLING ENDEL         O 160       7 7/8 </td <td>WELL OWNER NAME(S)         Brice Lee         WELL OWNER MAILING ADDRESS         940 CR 119         WELL       DEGREES         LOCATION       LATITUDE       36         LOCATION       LATITUDE       36         LOCATION       LATITUDE       108       25         DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDAL       (40 ACRE)       (160 ACRE)         (2.5 ACRE)       (10 ACRE)       (40 ACRE)       (160 ACRE)         1/4       1/4       1/4       NW       1/4         SUBDIVISION NAME       HYDROGRAPHIC SURVEY       ILICENSE NUMBER       NAME OF LICENSED DRILLER         WD 1357       Mark Bailey       DEPTH OF COMPLETED WELL (FT)       160         COMPLETED WELL IS:       ARTESIAN       DRIV HOLE       SHALLOW (UNCO)         DRILLING STARTED       DRILLING ENDED       DRIV HOLE       SHALLOW (UNCO)         DRILLING FLUID       ARTESIAN       DRV HOLE       SHALLOW (UNCO)         DRILLING METHOD       ROTARY       HAMMER       CABLE TOOL         DEPTH (FT)       ISORE HOLE       CASING       MATERIAL         0       160       7.7/8       PVC       PVC         DEPTH (FT)       THICKNESS       <td< td=""><td>WELL OWNER NAME(S) Brice Lee         WELL OWNER MAILING ADDRESS 940 CR 119         WELL LOCATION (FROM GPS)       LATITUDE LONGITUDE       36       56       .53 N W         DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS         (2.5 ACRE)       (10 ACRE)       (40 ACRE)       (160 ACRE)       SECTION V/A         V       V/A       NE       V/A       NW       V/A         SUBDIVISION NAME       LOT ACRE)       (40 ACRE)       (160 ACRE)       SECTION V/A         HYDROGRAPHIC SURVEY       NAME OF LICENSED DRILLER       UOT NUM         HYDROGRAPHIC SURVEY       DRILLING ENDED       DEPTH OF COMPLETED WELL (PT)       BORE HOL 1-25-12         COMPLETED WELL IS       ARTESIAN       DRY HOLE       SHALLOW (UNCONFINED)         DRILLING STARTED       DRILLING ENDED       DEPTH OF COMPLETED WELL (PT)       BORE HOL 1-25-12         DRILLING FLUID       AR       MUD       ADDITIVES - SPECIFY:         DRILLING RELING       AR       MUD       ADDITIVES - SPECIFY:         DRILLING METHOD       ROTARY       HAMMER       CABLE TOOL       OTHE         DEPTH (FT)       THECKNESS       FORMATION DESCRIPTION OF P       FROM       TO       (I/T)         DEPTH (FT)       THECKNESS       FORMATION DE</td><td>SJ-3995       WELL OWNER NAME(S) Brice Lee       WELL OWNER MARLING ADDRESS       WELL OWNER MARLING ADDRESS       WELL LOCATION LATITUDE       LATITUDE       LATITUDE       GEOREES       MINUTES       SECONDS       LATITUDE       LATITUDE       ACCURACY       LATITUDE       LATITUDE       CONTON       LATITUDE       DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDALARKS       (10 ACRE)       (100 ACRE)       NEW 1/2       NEW 1/2       NEW 1/2       NEW 1/2       NEW 1/2       NEW 1/2       NEW</td><td>SJ-3995       WELL OWNER NAMERS)       Brice Lee     970-588-3369       WELL OWNER MAILING ADDRESS     900 CR 119       WELL LOCATION     36       LOCATION     108       LOCATION     LATITUDE       108     25       LOCATION     LATITUDE       108     25       LOCATION     LATITUDE       108     25       LOCATION     LATITUDE       108     25       LOCATION TO STREET ADDRESS AND COMMON LANDIALRES</td><td>SJ-3995           WELL OWNER NAME/S0           Bride Lee           YOUNER MAILING ADDRESS           YOUNER MAILING ADDRESS AND COMMON LANDMAIRS           YOUNG MAIL CONTON TO STREET ADDRESS AND COMMON LANDMAIRS           YOUNG MAIL CONTON TO STREET ADDRESS AND COMMON LANDMAIRS           YOUNG MAIL           YOUNG MAILING ADDRESS           YOUNG MAILING A</td><td>SJ-3995           WELL OWNER NAMES)           Bride Lee           WELL OWNER NAMES)           WELL OWNER NAMEN ADDRESS           DECORTOR           LOCATION           LOCATION           LOCATION           LOCATION           LOCATION RELATING WELL CONTO STREET ADDRESS AND COMMON LANUMARKS           C2 ACRED         (ID ACRED           VIDUE         08 ACRED           VIDUE         08 ACRED           VIDUE         09 ACRED           VIDUE         09 ACRED           VIDUE         09 ACRED           VIDUE         09 ACRED           VIDUE         01           31        </td></td<></td>	WELL OWNER NAME(S)         Brice Lee         WELL OWNER MAILING ADDRESS         940 CR 119         WELL       DEGREES         LOCATION       LATITUDE       36         LOCATION       LATITUDE       36         LOCATION       LATITUDE       108       25         DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDAL       (40 ACRE)       (160 ACRE)         (2.5 ACRE)       (10 ACRE)       (40 ACRE)       (160 ACRE)         1/4       1/4       1/4       NW       1/4         SUBDIVISION NAME       HYDROGRAPHIC SURVEY       ILICENSE NUMBER       NAME OF LICENSED DRILLER         WD 1357       Mark Bailey       DEPTH OF COMPLETED WELL (FT)       160         COMPLETED WELL IS:       ARTESIAN       DRIV HOLE       SHALLOW (UNCO)         DRILLING STARTED       DRILLING ENDED       DRIV HOLE       SHALLOW (UNCO)         DRILLING FLUID       ARTESIAN       DRV HOLE       SHALLOW (UNCO)         DRILLING METHOD       ROTARY       HAMMER       CABLE TOOL         DEPTH (FT)       ISORE HOLE       CASING       MATERIAL         0       160       7.7/8       PVC       PVC         DEPTH (FT)       THICKNESS <td< td=""><td>WELL OWNER NAME(S) Brice Lee         WELL OWNER MAILING ADDRESS 940 CR 119         WELL LOCATION (FROM GPS)       LATITUDE LONGITUDE       36       56       .53 N W         DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS         (2.5 ACRE)       (10 ACRE)       (40 ACRE)       (160 ACRE)       SECTION V/A         V       V/A       NE       V/A       NW       V/A         SUBDIVISION NAME       LOT ACRE)       (40 ACRE)       (160 ACRE)       SECTION V/A         HYDROGRAPHIC SURVEY       NAME OF LICENSED DRILLER       UOT NUM         HYDROGRAPHIC SURVEY       DRILLING ENDED       DEPTH OF COMPLETED WELL (PT)       BORE HOL 1-25-12         COMPLETED WELL IS       ARTESIAN       DRY HOLE       SHALLOW (UNCONFINED)         DRILLING STARTED       DRILLING ENDED       DEPTH OF COMPLETED WELL (PT)       BORE HOL 1-25-12         DRILLING FLUID       AR       MUD       ADDITIVES - SPECIFY:         DRILLING RELING       AR       MUD       ADDITIVES - SPECIFY:         DRILLING METHOD       ROTARY       HAMMER       CABLE TOOL       OTHE         DEPTH (FT)       THECKNESS       FORMATION DESCRIPTION OF P       FROM       TO       (I/T)         DEPTH (FT)       THECKNESS       FORMATION DE</td><td>SJ-3995       WELL OWNER NAME(S) Brice Lee       WELL OWNER MARLING ADDRESS       WELL OWNER MARLING ADDRESS       WELL LOCATION LATITUDE       LATITUDE       LATITUDE       GEOREES       MINUTES       SECONDS       LATITUDE       LATITUDE       ACCURACY       LATITUDE       LATITUDE       CONTON       LATITUDE       DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDALARKS       (10 ACRE)       (100 ACRE)       NEW 1/2       NEW 1/2       NEW 1/2       NEW 1/2       NEW 1/2       NEW 1/2       NEW</td><td>SJ-3995       WELL OWNER NAMERS)       Brice Lee     970-588-3369       WELL OWNER MAILING ADDRESS     900 CR 119       WELL LOCATION     36       LOCATION     108       LOCATION     LATITUDE       108     25       LOCATION     LATITUDE       108     25       LOCATION     LATITUDE       108     25       LOCATION     LATITUDE       108     25       LOCATION TO STREET ADDRESS AND COMMON LANDIALRES</td><td>SJ-3995           WELL OWNER NAME/S0           Bride Lee           YOUNER MAILING ADDRESS           YOUNER MAILING ADDRESS AND COMMON LANDMAIRS           YOUNG MAIL CONTON TO STREET ADDRESS AND COMMON LANDMAIRS           YOUNG MAIL CONTON TO STREET ADDRESS AND COMMON LANDMAIRS           YOUNG MAIL           YOUNG MAILING ADDRESS           YOUNG MAILING A</td><td>SJ-3995           WELL OWNER NAMES)           Bride Lee           WELL OWNER NAMES)           WELL OWNER NAMEN ADDRESS           DECORTOR           LOCATION           LOCATION           LOCATION           LOCATION           LOCATION RELATING WELL CONTO STREET ADDRESS AND COMMON LANUMARKS           C2 ACRED         (ID ACRED           VIDUE         08 ACRED           VIDUE         08 ACRED           VIDUE         09 ACRED           VIDUE         09 ACRED           VIDUE         09 ACRED           VIDUE         09 ACRED           VIDUE         01           31        </td></td<>	WELL OWNER NAME(S) Brice Lee         WELL OWNER MAILING ADDRESS 940 CR 119         WELL LOCATION (FROM GPS)       LATITUDE LONGITUDE       36       56       .53 N W         DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS         (2.5 ACRE)       (10 ACRE)       (40 ACRE)       (160 ACRE)       SECTION V/A         V       V/A       NE       V/A       NW       V/A         SUBDIVISION NAME       LOT ACRE)       (40 ACRE)       (160 ACRE)       SECTION V/A         HYDROGRAPHIC SURVEY       NAME OF LICENSED DRILLER       UOT NUM         HYDROGRAPHIC SURVEY       DRILLING ENDED       DEPTH OF COMPLETED WELL (PT)       BORE HOL 1-25-12         COMPLETED WELL IS       ARTESIAN       DRY HOLE       SHALLOW (UNCONFINED)         DRILLING STARTED       DRILLING ENDED       DEPTH OF COMPLETED WELL (PT)       BORE HOL 1-25-12         DRILLING FLUID       AR       MUD       ADDITIVES - SPECIFY:         DRILLING RELING       AR       MUD       ADDITIVES - SPECIFY:         DRILLING METHOD       ROTARY       HAMMER       CABLE TOOL       OTHE         DEPTH (FT)       THECKNESS       FORMATION DESCRIPTION OF P       FROM       TO       (I/T)         DEPTH (FT)       THECKNESS       FORMATION DE	SJ-3995       WELL OWNER NAME(S) Brice Lee       WELL OWNER MARLING ADDRESS       WELL OWNER MARLING ADDRESS       WELL LOCATION LATITUDE       LATITUDE       LATITUDE       GEOREES       MINUTES       SECONDS       LATITUDE       LATITUDE       ACCURACY       LATITUDE       LATITUDE       CONTON       LATITUDE       DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDALARKS       (10 ACRE)       (100 ACRE)       NEW 1/2       NEW 1/2       NEW 1/2       NEW 1/2       NEW 1/2       NEW 1/2       NEW	SJ-3995       WELL OWNER NAMERS)       Brice Lee     970-588-3369       WELL OWNER MAILING ADDRESS     900 CR 119       WELL LOCATION     36       LOCATION     108       LOCATION     LATITUDE       108     25       LOCATION     LATITUDE       108     25       LOCATION     LATITUDE       108     25       LOCATION     LATITUDE       108     25       LOCATION TO STREET ADDRESS AND COMMON LANDIALRES	SJ-3995           WELL OWNER NAME/S0           Bride Lee           YOUNER MAILING ADDRESS           YOUNER MAILING ADDRESS AND COMMON LANDMAIRS           YOUNG MAIL CONTON TO STREET ADDRESS AND COMMON LANDMAIRS           YOUNG MAIL CONTON TO STREET ADDRESS AND COMMON LANDMAIRS           YOUNG MAIL           YOUNG MAILING ADDRESS           YOUNG MAILING A	SJ-3995           WELL OWNER NAMES)           Bride Lee           WELL OWNER NAMES)           WELL OWNER NAMEN ADDRESS           DECORTOR           LOCATION           LOCATION           LOCATION           LOCATION           LOCATION RELATING WELL CONTO STREET ADDRESS AND COMMON LANUMARKS           C2 ACRED         (ID ACRED           VIDUE         08 ACRED           VIDUE         08 ACRED           VIDUE         09 ACRED           VIDUE         09 ACRED           VIDUE         09 ACRED           VIDUE         09 ACRED           VIDUE         01           31

FOR OSE INTERNAL USE		WELL RECORD & LOG	(Version 6/9/08)
FILE NUMBER SU-3995	POD NUMBER	TRN NUMBER	
LOCATION 31N. 12W. OL. 190			PAGE 1 OF 2

≙	TYPE O	F PUMP:	SUBMEI			NO PUMP – WELL NOT EQUIPPEI	)		
5			TURBIN		CYLINDER	OTHER - SPECIFY:			
AINU GNA			DEPTI FROM	4 (FT) TO	BORE HOLE DIA. (1N)	MATERIAL TYPE AND SIZE	AMOUNT (CUBIC FT)		IOD OF EMEN'I
SEAL	ANNU SEAL		0	20	7 7/8	cement	2	hand	d pour
	GRAVE		40	160	7 7/8	3/8 pea gravel	14		d pour
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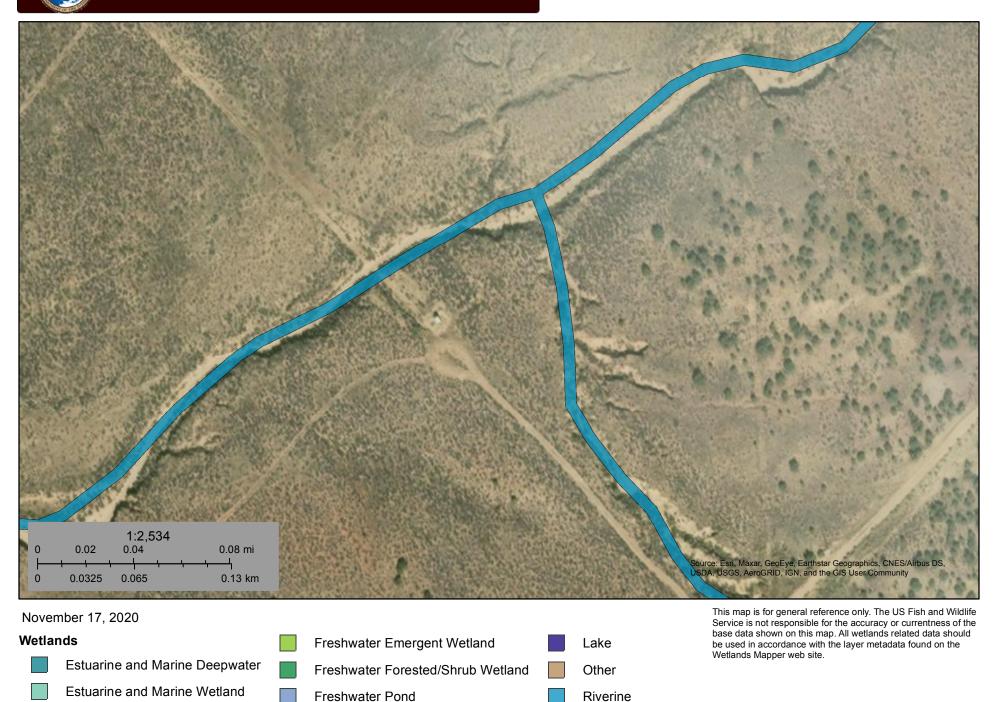
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## National Wetlands Inventory

## Hillstrom 1 Drip

Page 17 of 23



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National Wetlands Inventory (NWI) This page was produced by the NWI mapper

### Harvest Four Corners LLC

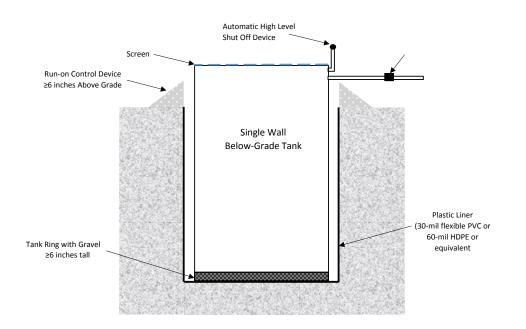
#### **Design and Construction Plan - Below Grade Tanks**

In accordance with Rule 19.15.17.11 NMAC of the New Mexico Administrative Code (NMAC), the information within this document describes the design and construction standards to be used by Harvest Four Corners LLC (Harvest) when installing Below Grade Tanks (BGTs). This is Harvest's standard procedure for all BGTs. A separate design and construction plan will be submitted for any BGT which does not conform to this plan.

Pit Rule Citation (NMAC)	Rule Requirement	Operator Requirements
19.15.17.11.A	Design	Harvest will design and construct a properly sized and approved BGT to contain liquids and solids, prevent contamination of fresh water and protect public health and environment. A solid riser pipe will be installed to facilitate liquid removal from the tank. The riser shall have a cap or cover and be positioned to prevent standing accumulation of liquids within the riser.
19.15.17.11.C	Construction	Harvest will post appropriate signage to include operator name, legal location information, and emergency telephone contact information. The sign will be at least 12-inches x 24-inches with lettering not less than 2-inches in height and be placed on the fence surrounding the BGT.
19.15.17.11.D(1)	Construction	Harvest will fence the BGT in a manner that deters unauthorized access and will maintain the fence in good repair. Harvest facilities with an exterior perimeter fence will not have a fence installed around the BGT if it is located within the facility exterior perimeter fence.
19.15.17.11.D(3)	Construction	BGT installations will be fenced to protect livestock and wildlife. Fencing will be a minimum of four feet high with four strands of barbed wire spaced in the interval between one foot and four feet above ground. As a variance (if approved with the BGT registration), the fence may be constructed using four 4 foot tall "hog wire" with 1 stand of barbed wire at the top.
19.15.17.11.E	Construction	BGTs will have one-inch (or less) steel mesh (i.e. expanded metal), solid steel covers, or otherwise be constructed to prevent migratory bird contact.
19.15.17.11.I(1)	Design/Construction	Harvest will design and construct the BGT to contain liquids associated with the dehydration and compression of natural gas, which will be resistant to the contents of the tank and resistant to damage from ultra violet light.
19.15.17.11.I(2)	Construction	The BGT foundation will be level and free of rocks, debris, sharp edges or irregularities and have a firm compacted bottom and sidewalls that are stable for the soil conditions.
19.15.17.11.I(3)	Construction	BGT installations will include an earthen berm or equivalent alternative at least 6-inches above ground to prevent surface water run-on; and install overflow monitoring device and/or monitor the tank at a frequency to prevent overflow as depicted in Figure 1.
19.15.17.11.I.4(a)	Construction	For BGTs that do not have double walls, Harvest will construct the BGT to meet the requirements listed in 19.15.17.11.1.4(a) associated with visual inspection, tank construction, liner, and overflow as depicted in Figure 1. All other BGTs, in which the side walls are not open for visible inspection shall be double walled with leak detection capability as depicted in Figure 2.
19.15.17.11.I.4.(b)	Construction	Buried BGTs will be constructed of steel with double-walls and double-bottom, welded following appropriate API and industry codes, coated with an epoxy based paint. A solid riser pipe will be installed between the space of the double-walls to allow monthly inspection to determine tank integrity.
19.15.17.11.I.4.(c)	Design/Construction	Harvest will meet with NMOCD district office before submitting application for an alternative BGT design.
19.15.17.11.1(5)	Construction	A single walled tank (installed prior to June 16, 2008) which has completely open sidewalls for visible inspection and which may or may not have a geomembrane liner, need not meet the above design and construction standards defined in Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC unless the integrity fails. If the integrity failes, the tank will then be closed pursuant to the approved Closure Plan or be retrofitted in accordance with the design drawings (see Figures 1 or 2) or NMOCD approved modification. Retrofitting actions that include changes to the BGT design and construction require an update to the BGT registration.
19.15.17.11.I(6)	Construction	All single walled BGTs must have sidewalls that are completely visible for inspection. Single walled tanks that do not meet this requirement must be retrofitted or closed persuant to the approved Closure Plan. Retrofitting actions that include changes to the BGT design and construction require an update to the BGT registration.
19.15.17.11.I(7)	Construction	A double walled tank (installed prior to June 16, 2008) need not meet the above design and construction standards defined in Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC unless the integrity fails. If the integrity fails, the tank will then be closed pursuant to the approved Closure Plan or be retrofitted in accordance with the design drawings (see Figures 1 or 2) or NMOCD approved modification. Retrofitting actions that include changes to the BGT design and construction require an update to the BGT registration.

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### Harvest Four Corners LLC Design and Construction Plan - Below Grade Tanks



### FIGURE 1. BGT DESIGN AND CONSTRUCTION – 19.15.17.11.I.(4)(a) NMAC

- 1. The BGT's bottom must be elevated a minimum of six inches above the underlying ground surface.
- 2. The BGT must be underlain with a geomembrane liner to divert leaked liquid to a location that can be visually inspected. Gravel will be contained within a tank ring and not cover the visible portion of the liner.
- 3. Geomembrane liner shall consist of 30-mil flexible PVC or 60-mil HDPE liner, or an equivalent liner material. The liner must have a hydraulic conductivity no greater than 1 x 10-9 cm/sec, be composed of an impervious, synthetic material that is resistant to petroleum hydrocarbons, salts and acidic and alkaline solutions, and resistant to ultraviolet light. The liner compatibility must comply with USEPA SW-
- 4. Equipped with a properly operating automatic high-level shut-off control device and manual controls to prevent overflows.

## Harvest Four Corners LLC

**Operations and Maintenance Plan - Below Grade Tanks** 

In accordance with Rule 19.15.17.12 NMAC of the New Mexico Administrative Code (NMAC), the information within this document describes the operations and maintenance standards to be used by Harvest Four Corners LLC (Harvest) when operating Below Grade Tanks (BGTs). This is Harvest's standard procedure for all BGTs. A separate operations and maintenance plan will be submitted for any BGT which does not conform to this plan.

Pit Rule Citation (NMAC)	Rule Requirement	Operator Requirements
19.15.17.12.A(1)	Integrity	Harvest will operate and maintain the BGT to contain liquids and solids and maintain the integrity of the liner, liner systems and secondary containment system to prevent contamination of fresh water and protect public health and environment.
19.15.17.12.A(3)	Waste Management	Willams will not discharge or store any hazardous waste in a BGT. "Hazardous waste" means non-exempt waste that exceeds the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended.
19.15.17.12.A(5)	Release Requirements	If the BGT integrity is compromised: 1. All discharges will be shut off to the BGT. 2. All liquids will be removed as soon as possible but no later than 48 hours after discovery. 3. Harvest will notify and report to NMOCD in accordance to 19.15.29 NMAC and all other applicable agencys as require.
19.15.17.12.A(7)	Surface Water Run-on	Harvest will maintain a berm or equivalent alternative at least 6-inches above ground to keep surface water run- on from entering the BGT as shown on the Design and Construction Plan.
19.15.17.12.D(1)	Surface Water Run- on and Overflow	Harvest will require and maintain an adequate freeboard to prevent overtopping of the BGT.
19.15.17.12.D(2)	Measurable Oil	Any oil or hydrocarbon collecting in the BGT will be removed. Saleable condensate will be returned to the facility or field condensate tank. Slop oil from compression will be removed and transported to an offsite recycle facility.
19.15.17.12.D(3)	Inspection	<ul> <li>Harvest will inspect the BGT for leakage and damage on a monthly basis. Harvest will document the integrity of each tank at least annually and maintain a written record for five years. Inspections may include:</li> <li>1. Containment berms adequate and no oil present</li> <li>2. Tank had no visible signs of corrosion</li> <li>3. Tank valves, flanges, and hatches had no visible leaks</li> <li>4. No evidence of significant spillage of produced liquids.</li> <li>5. BGT cover intact and no signs of dead wildlife.</li> <li>6. Sidewalls are completely visible for single walled BGTs.</li> </ul>
19.15.17.12.D(4)	Freeboard	Harvest will maintain a 10-inch freeboard to prevent overtopping of the BGT.
19.15.17.12.D(5)	Integrity	If the BGT loses integrity, Harvest will repair the damage or close the BGT pursuant to the approved Closure Plan.
19.15.17.12.D(6)	Retrofit or Replacement Requirements	While performing BGT equipment or retrofitting actions, Harvest will visually inspect the area beneath the BGT and document any areas that are wet, discolored or showing other evidence of a release on OCD Form C-141. Harvest will report the concentration of contaminants to the OCD with respect to the standards set forth in Table I of 19.15.17.13 NMAC. Harvest will proceed with the approved Closure Plan if no evidence of impacts are present or concentrations of contaminants are below the OCD standards.

### Harvest Four Corners LLC Closure Plan - Below Grade Tanks

In accordance with Rule 19.15.17.13 NMAC of the New Mexico Administrative Code (NMAC), the information within this document describes the closure requirements to be used by Harvest Four Corners LLC (Harvest) when closing Below Grade Tanks (BGTs). This is Harvest's standard procedure for all BGTs. A separate closure plan will be submitted for any BGT closure which does not conform to this plan.

Pit Rule Citation (NMAC)	Rule Requirement	Operator Requirements
19.15.17.13.A		This plan describes Harvest proposed closure methods and the proposed procedures and protocols to implement and complete BGT closure.
19.15.17.13.C(1)		Prior to commencing BGT closure, Harvest will obtain a NMOCD approved closure plan before any closure activities start. Harvest understands that the NMOCD considers the start of closure for a BGT is when the BGT is being removed from the ground.
19.15.17.13.C(2)		Harvest will remove liquids and sludge from a BGT prior to commencing closure actions and will dispose the material in a NMOCD approved facility.
19.15.17.13.C.3(a)	Closure Plan	Following removal of the tank and any liner material, Harvest will test the soils beneath the BGT in accordance with 19.15.17.13.C.3(a) NMAC. Samples will be collected from beneath the liner and/or BGT for obvious stained or wet soils, or any other evidence of contamination.
19.15.17.13.C.3(b)		If any contaminant concentration is higher than the parameters listed in Table I of 19.15.17.13 NMAC, the NMOCD may require additional delineation upon review of the results and Harvest must receive approval before proceeding with closure.
19.15.17.13.C.3(c)		Upon completion of BGT removal, if all contaminant concentrations are less than or equal to the parameters listed in Table I of 19.15.17.13 NMAC, the excavation will be backfilled with non-waste contained, uncontaminated, earthen material.
19.15.17.13.E(1)	Notification	Notice of closure will be given to the surface owner at least 72 hours, but not more than one week, prior to any closure operation via Certified mail. As a variance (if approved with the closure plan), surface owners which are public entities (State, BLM, or Tribal) will be notified by email or phone. The notification of closure will include the following: operators name, well name and API number (if applicable), and location (ULSTR).
19.15.17.13.E(2)	Notification	Notice of Closure will be given to the NMOCD office at least 72 hours, but not more than one week, prior to any closure operation via Certified mail. As a variance (if approved with the closure plan), the NMOCD district office will be notified by email or phone. The notification of closure will include the following: operators name, well name and API number (if applicable), and location (ULSTR).
19.15.17.13.F(1)	Reporting	Operator will send the NMOCD a closure report in accordance with 19.15.17.F(1) NMAC within 60 days of closure including the following items: Proof of closure notice, analytical results, backfill information, revegetation, and photo documentation of reclamation. Harvest understands that the NMOCD considers the closure date the day in which the BGT is backfilled and re-contoured. Revegetation is still required but, may be addressed in closure report.
19.15.17.13.G.4(a)		Within 60 days of cessation of operations, Harvest will remove liquids and sludge from a BGT prior to implementing a closure method and will dispose of the material in a NMOCD approved facility. Disposal facilities to be used by Harvest are listed below based on the listed waste types.
19.15.17.13.G.4(b)	Timing	Within 6 months of cessation of operations, Harvest will dispose, recycle, reuse, or reclaim the BGT in a NMOCD approved manner. If required, Harvest will provide documentation of the disposition of the BGT to the NMOCD. Liner materials will be cleaned to remove soils or contaminated material for disposal as solid waste. Disposal facilities to be used by Harvest are listed below based on the listed waste types.
19.15.17.13.H.1(a)		Harvest will reclaim the area by substantially restoring the impacted surface area to the condition that existed prior to oil and gas operations by placement of soil cover as described below for 19.15.17.13.H.2 NMAC. The location and associated areas will be recontoured that approximates the original contour and blends with the surrounding topography and revegetate as described below for 19.15.17.13.H.5 NMAC.
19.15.17.13.H.1(b)	Reclamation	Harvest will submit an alternative plan to be approved by the NMOCD and written approval from the surface owner before submitting the C-144 application.
19.15.17.13.H.1(c)		If a BGT is removed from an area where production operations will continue, the area will be reclaimed in such a way to minimize dust and erosion to the extent practicable.
19.15.17.13.H.2		Cover will include one foot of suitable material, with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, to establish vegetation at the site, or the background thickness of topsoil, whichever is greater.
19.15.17.13.H.4		Harvest will construct the soil cover to the existing grade to prevent ponding of water and erosion of the cover material.

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### Harvest Four Corners LLC Closure Plan - Below Grade Tanks

Pit Rule Citation (NMAC)	Rule Requirement	Operator Requirements
19.15.17.13.H.5(a) 19.15.17.13.H.5(b) 19.15.17.13.H.5(c) 19.15.17.13.H.5(d) 19.15.17.13.H.5(e)	Reclamation	For those portions of the former BGT area no longer in use with the exception where production operations will continue, the area will be reclaimed as nearly as practicable to their original condition or their final land use. Reclamation will begin as early as practical. The areas will be maintained to minimize dust and topsoils placed and contoured to limit erosion control, maintain stability, and preserve surface-water flow patterns. Harvest will seed the disturbed areas the first favorable growing season following closure of the BGT. Harvest will comply with obligations imposed by other applicable federal or tribal agencies in which their re-vegetation and reclamation requirements provide equal or better protection of fresh water, human health and the environment. Harvest will notify the NMOCD when reclamation and re-vegetation is complete.

Summary of Waste Materials and Disposal Facilities				
Waste Types	Disposal Facility			
Steel Tank	San Juan County Landfill; Steel Recycling			
Fiberglass Tank	San Juan County Landfill; Bondad Landfill; Re-use			
Liner (cleaned – absent soil / sludge)	San Juan County Landfill; Bondad Landfill			
Sludge	Envirotech; Industrial Ecosystems Inc.; T-N-T; Bondad Landfill			
Liquids (Water / Hydrocarbons)	Basin Disposal; Key Energy; T-N-T			
Contaminated Soil	Envirotech; Industrial Ecosystems Inc.; T-N-T; Bondad Landfill			
Fencing / Miscellaneous	Re-use or Scrap			

sure Criteria for Soils Beneath Below Grade Tanks,	Table I Drying Pads Associated wit	th Closed Loop Systems and Pits w	here contents are Remo
Depth Below Bottom of pit to ground water less than 10,000 mg/l	Constituent	Method	Limit**
	Chloride	EPA 300.0	600 mg/kg
≤50 feet	ТРН	EPA SW-846 Method 418.1	100 mg/kg
	BTEX	EPA SW-846 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 8021B or 8260B	10 mg/kg
	Chloride	EPA 300.0	10,000 mg/kg
	ТРН	EPA SW-846 Method 418.1	2,500 mg/kg
51 feet – 100 feet	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SW-846 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 8021B or 8260B	10 mg/kg
	Chloride	EPA 300.0	20,000 mg/kg
	ТРН	EPA SW-846 Method 418.1	2,500 mg/kg
≤100 feet	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SW-846 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846	10 mg/kg

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District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 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

CONDITIONS

Operator:	OGRID:
Harvest Four Corners, LLC	373888
1111 Travis Street	Action Number:
Houston, TX 77002	11411
	Action Type:
	[C-144] PIT Generic Plan (C-144)
CONDITIONS	

#### CONDITIONS

Created By		Condition Date
jburdine	None	7/20/2022

Page 23 of 23

Action 11411