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

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.

Proposed Alternative Method Permit or Closure Plan Application

Type of action: Below grade tank registration Permit of a pit or proposed alternated Closure of a pit, below-grade tank BGT 2	k, or proposed altern	ative method		
☐ Modification to an existing permi ☐ Closure plan only submitted for a		or non-permitted pit, b	oelow-grad	e tank,
or proposed alternative method	21	1 1 7	Ü	,
Instructions: Please submit one application (Form C-144) p	per individual pit, belo	ow-grade tank or alterna	tive request	
Please be advised that approval of this request does not relieve the operator of liability nvironment. Nor does approval relieve the operator of its responsibility to comply w				
1.				
Operator: Harvest Four Corners, LLC	OGRID #:	37388		
Address: 1755 Arroyo Dr., Bloomfield, NM 87413				
Facility or well name: Crandell SRC 2A				
API Number: <u>30-045-22109 Crandell SRC #002A - Hilcorp</u> OCI	D Permit Number:			
U/L or Qtr/Qtr NE/NW (C) Section 19 Township 31N Rang	e <u>10W</u> County:	San Juan		
Center of Proposed Design: Latitude36.88824 Longitude	e107.92644	1NAD83		
Surface Owner: Federal State Private Tribal Trust or Indian Allotr	ment Rohert Dingw	all/Diane Mittler 8 R	D 2651 Az	tec. NM87410
	ment robert birigw			
2. Pit: Subsection F, G or J of 19.15.17.11 NMAC	ment <u>riobert bringw</u>	,		
2.	non none none none			
2. Die: Subsection F, G or J of 19.15.17.11 NMAC				
2. Dil: Subsection F, G or J of 19.15.17.11 NMAC Temporary: Drilling Workover	anagement	Low Chloride Drilling F	iluid □ yes	□ no
2. Pit: Subsection F, G or J of 19.15.17.11 NMAC Temporary: Drilling Workover Permanent Emergency Cavitation P&A Multi-Well Fluid Ma	anagement	Low Chloride Drilling F	iluid □ yes	□ no
2. Pit: Subsection F, G or J of 19.15.17.11 NMAC Temporary: Drilling Workover Permanent Emergency Cavitation P&A Multi-Well Fluid Ma	anagement	Low Chloride Drilling F	Fluid □ yes	□ no
2. Pit: Subsection F, G or J of 19.15.17.11 NMAC Temporary: Drilling Workover Permanent Emergency Cavitation P&A Multi-Well Fluid Ma Lined Unlined Liner type: Thicknessmil LLDPE String-Reinforced Liner Seams: Welded Factory Other	anagement	Low Chloride Drilling F	Fluid □ yes	□ no
2. □ Pit: Subsection F, G or J of 19.15.17.11 NMAC Temporary: □ Drilling □ Workover □ Permanent □ Emergency □ Cavitation □ P&A □ Multi-Well Fluid Ma □ Lined □ Unlined Liner type: Thicknessmil □ LLDPE □ □ String-Reinforced Liner Seams: □ Welded □ Factory □ Other 3. □ Below-grade tank: Subsection I of 19.15.17.11 NMAC	anagement	Low Chloride Drilling F	Fluid □ yes	□ no
2. Pit: Subsection F, G or J of 19.15.17.11 NMAC Temporary: Drilling Workover Permanent Emergency Cavitation P&A Multi-Well Fluid Ma Lined Unlined Liner type: Thicknessmil LLDPE String-Reinforced Liner Seams: Welded Factory Other	anagement	Low Chloride Drilling F	Fluid □ yes	□ no
2. □ Pit: Subsection F, G or J of 19.15.17.11 NMAC Temporary: □ Drilling □ Workover □ Permanent □ Emergency □ Cavitation □ P&A □ Multi-Well Fluid Ma □ Lined □ Unlined Liner type: Thicknessmil □ LLDPE □ □ String-Reinforced Liner Seams: □ Welded □ Factory □ Other 3. □ Below-grade tank: Subsection I of 19.15.17.11 NMAC	anagement	Low Chloride Drilling F	Fluid □ yes	□ no
2. □ Pit: Subsection F, G or J of 19.15.17.11 NMAC Temporary: □ Drilling □ Workover □ Permanent □ Emergency □ Cavitation □ P&A □ Multi-Well Fluid Ma □ Lined □ Unlined Liner type: Thicknessmil □ LLDPE □ □ String-Reinforced Liner Seams: □ Welded □ Factory □ Other 3. □ Below-grade tank: Subsection I of 19.15.17.11 NMAC Volume:45bbl Type of fluid: Produced water	anagement HDPE PVC Volume:	Low Chloride Drilling F Other bbl Dimensions: L	Fluid □ yes	□ no
2. Pit: Subsection F, G or J of 19.15.17.11 NMAC Temporary: Drilling Workover Permanent Emergency Cavitation P&A Multi-Well Fluid Ma Lined Unlined Liner type: Thickness mil LLDPE String-Reinforced Liner Seams: Welded Factory Other 3.	anagement HDPE PVC Volume: inch lift and automatic d <10% - No Liner	Low Chloride Drilling F Other bbl Dimensions: L overflow shut-off	Fluid □ yes	□ no
2. □ Pit: Subsection F, G or J of 19.15.17.11 NMAC Temporary: □ Drilling □ Workover □ Permanent □ Emergency □ Cavitation □ P&A □ Multi-Well Fluid Ma □ Lined □ Unlined Liner type: Thickness mil □ LLDPE □ □ String-Reinforced Liner Seams: □ Welded □ Factory □ Other 3. □ Below-grade tank: Subsection I of 19.15.17.11 NMAC Volume:45bbl Type of fluid: Produced water Tank Construction material: _Metal □ Secondary containment with leak detection □ Visible sidewalls, liner, 6-in	anagement HDPE PVC Volume: inch lift and automatic d <10% - No Liner	Low Chloride Drilling F Other bbl Dimensions: L overflow shut-off	Fluid □ yes	□ no
2. Pit: Subsection F, G or J of 19.15.17.11 NMAC Temporary: Drilling Workover Permanent Emergency Cavitation P&A Multi-Well Fluid Ma Lined Unlined Liner type: Thickness mil LLDPE String-Reinforced Liner Seams: Welded Factory Other 3.	anagement HDPE PVC Volume: inch lift and automatic d <10% - No Liner	Low Chloride Drilling F Other bbl Dimensions: L overflow shut-off	Fluid □ yes	□ no

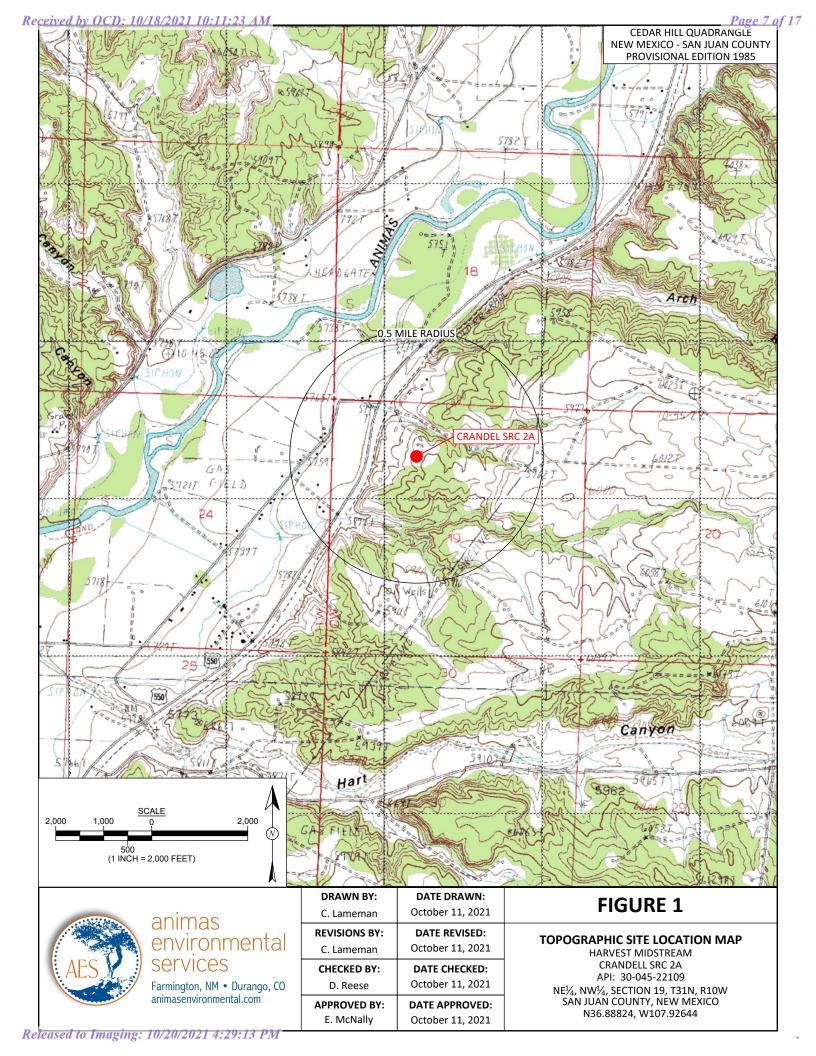
 5. Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pits, temporary pits, and below-grade tanks) ☐ Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, institution or church) ☑ Four foot height, four strands of barbed wire evenly spaced between one and four feet 	hospital,
Alternate. Please specify Four foot high welded fence (hog wire) which may include top rebar rail or barbed wire	or combination
6. Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks) □ Screen □ Netting ☑ Other Expanded metal □ Monthly inspections (If netting or screening is not physically feasible)	
7. Signs: Subsection C of 19.15.17.11 NMAC ☐ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers ☐ Signed in compliance with 19.15.16.8 NMAC No sign — tank scheduled for removal by 12/31/2021	
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.	
9. Siting Criteria (regarding permitting): 19.15.17.10 NMAC Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of accematerial are provided below. Siting criteria does not apply to drying pads or above-grade tanks.	ptable source
General siting	
Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank. - □ NM Office of the State Engineer - iWATERS database search; □ USGS; □ Data obtained from nearby wells	☐ Yes ⊠ 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 ☐ NA
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) - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within the area overlying a subsurface mine. (Does not apply to below grade tanks) - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
Within an unstable area. (Does not apply to below grade tanks) - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	☐ Yes ☐ No
Within a 100-year floodplain. (Does not apply to below grade tanks) - FEMA map	☐ Yes ☐ No
Below Grade Tanks	
Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☒ No
Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ⊠ No
Temporary Pit using Low Chloride Drilling Fluid (maximum chloride content 15,000 mg/liter)	
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.) - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Released to Imaging: 10/20/2021 4:29:13 PM Oil Conservation Division Page 2 of	5

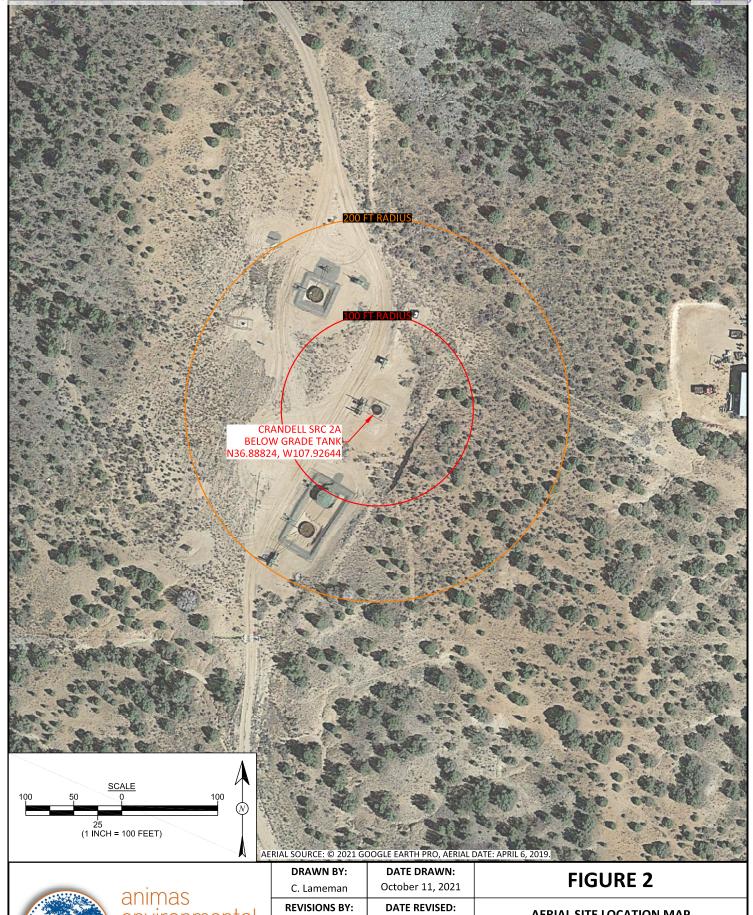
Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 200 horizontal feet of a spring or a private, domestic 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
Within 100 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Temporary Pit Non-low chloride drilling fluid	
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). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	Yes No
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; - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ 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
Permanent Pit or Multi-Well Fluid Management Pit	
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). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
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. NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site 	☐ Yes ☐ No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
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 dot attached.	
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 Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 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	
Previously Approved Design (attach copy of design) API Number: or Permit Number:	
Multi-Well Fluid Management Pit 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 dot attached. Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC A List of wells with approved application for permit to drill associated with the pit. 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 Hydrogeologic Data - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC	
☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC ☐ Previously Approved Design (attach copy of design) API Number: or Permit Number:	

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	documents are
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 ☐ Liner Specifications and Compatibility Assessment - 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 ☐ Nuisance or Hazardous Odors, including H ₂ S, Prevention Plan	
☐ Emergency Response Plan ☐ Oil Field Waste Stream Characterization	
☐ Monitoring and Inspection Plan ☐ Erosion Control Plan	
☐ Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC	
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 Fl	uid Management Pit
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	
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be closure plan. Please indicate, by a check mark in the box, that the documents are attached. □ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC □ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.13 NMAC □ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings) □ Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC □ Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC □ Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC	
Siting Criteria (regarding on-site closure methods only): 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. P. 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
Ground water is more than 100 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
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). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
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. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	☐ 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	

adopted pursuant to NMSA 1978, Section 3-27-2, as anamoded. Writin confirmation or verification from the minosphility written approval obtained from the municipality Writin to accordination or supported into the design, NM Banau of Geology & Mineral Division Writin an unstable area. Society: Topographic incorporated into the design, NM Banau of Geology & Mineral Resources; USCS; NM Geological Society: Topographic incorporated into the design, NM Banau of Geology & Mineral Resources; USCS; NM Geological Society: Topographic incorporated into the design of the property of the state of the following items must be attached to the closure plan. Please indicate, by a check mark at the box, that the decrements are unlacked. Whitin a 100-year floodplain. IEMA map No		
- Written confirmation or verification or map from the SM EMNRD-Mining and Mineral Division verifin an unstable area. Tengineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Propagaphie map Writtin a 1019-year floodplain. Verifin American Society; Propagaphie map Writtin a 1019-year floodplain. Verifin American Society; Propagaphie map Writtin a 1019-year floodplain. Verifin American Society; Propagaphie map Writtin a 1019-year floodplain. Verifin American Society; Propagaphie map Writtin a 1019-year floodplain. Verifin American Society; Propagaphie map Writtin a 1019-year floodplain. Verifin American Society; Propagaphie map Writtin a 1019-year floodplain. Verifin American Society; Propagaphie map Writtin and 1019-year floodplain. Verifin American Society; Propagaphie map Writtin and 1019-year floodplain. Verifin American Society; Propagaphie map Writtin and 1019-year floodplain. Verifin American Society; Propagaphie map Writtin American Society; P	- Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Trigineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map Ves No		☐ Yes ☐ No
Society, Topographic map Withins 100-yes (Boodplain. FEMA map No. Mills 100-yes (Boo		
PEMA map Person		Yes No
On. Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following tiems must be attached to the closure plan. Please indicate, by a check mark in the bax, that the documents are attached. Siting Citien Compliance Demonstrations - based upon the appropriate requirements of Subsection E of 19.15.17.13 NMAC Prod of Subsection E of 19.15.17.13 NMAC Prod of Subsection E of 19.15.17.13 NMAC Construction Design Plan of Temporary Pit (for in-place bariel of a dying pat) - based upon the appropriate requirements of Subsection to the appropriate requirements of 19.15.17.11 NMAC Construction Design Plan of Temporary Pit (for in-place bariel of a dying pat) - based upon the appropriate requirements of 19.15.17.13 NMAC Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC Waste Material Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC Soil Cover Design - based upon the appropriate requirements of 19.15.17.13 NMAC Soil Cover Design - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC Soil Cover Design - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC Soil Cover Design - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC Soil Cover Design - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC Soil Cover Design - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC Soil Reclamation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC Soil Reclamation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC Soil Reclamation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC Soil Reclamation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC Soil Reclamation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMA		☐ Yes ☐ No
On-Nite Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the decuments are attached. Siting Citieria Compliance Demonstrations - based upon the appropriate requirements of Subsection 19.15.17.13 NMAC Proof of Sufface Oners Notice - based upon the appropriate requirements of Subsection K of 19.15.17.13 NMAC Construction Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K of 19.15.17.13 NMAC Construction Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K of 19.15.17.13 NMAC Confirmation Sampling Plan in Subsection the appropriate requirements of 19.15.17.13 NMAC Waste Material Sampling Plan - based upon the appropriate requirements of 19.15.17.13 NMAC Subsection M of 19.15.17.13 N		
Operator Application Certification: Thereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief. Name (Print): Monica Smith	On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure p by a check mark in the box, that the documents are attached. □ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC □ Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection E of 19.15.17.13 NMAC □ Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K of 19.15.17 □ Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.13 NMAC □ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC □ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC □ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards candological Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC □ Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC	7.11 NMAC 9.15.17.11 NMAC
Name (Print): Monica Smith		
Signature:	I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and be	lief.
e-mail address: msmith@harvestmidstream.com Telephone: [505] 632-4625 COD Approval:		
OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment) OCD Representative Signature: Clowhitchead Approval Date: October 20, 2021 Title: Environmental Specialist OCD Permit Number: BGT 2 OCD Permi	Signature: Date: 10/15/2021	
OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment) OCD Representative Signature: Cultivitative of the Conditions of the Conditions (see attachment) OCD Representative Signature: October 20, 2021 Title: Environmental Specialist OCD Permit Number: BGT 2 OCD	e-mail address: msmith@harvestmidstream.com Telephone: (505) 632-4625	
Title: Environmental Specialist OCD Permit Number: BGT 2		
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. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed. Closure Completion Date: Closure Method Alternative Closure Method Waste Removal (Closed-loop systems only) If different from approved plan, please explain. Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached. Proof of Closure Notice (surface owner and division) Proof of Deed Notice (required for on-site closure for private land only) Plot Plan (for on-site closures and temporary pits) Confirmation Sampling Analytical Results (required for on-site closure) Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Revegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation)	OCD Representative Signature: CRUhitshead Approval Date:Octo	ober 20, 2021
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. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed. Closure Completion Date: Closure Method: Alternative Closure Method Maste Excavation and Removal On-Site Closure Method Alternative Closure Method Waste Removal (Closed-loop systems only) If different from approved plan, please explain. Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached. Proof of Closure Notice (surface owner and division) Proof of Deed Notice (required for on-site closure for private land only) Plot Plan (for on-site closures and temporary pits) Confirmation Sampling Analytical Results (if applicable) Waste Material Sampling Analytical Results (required for on-site closure) Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-evegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation)	Title:Environmental Specialist OCD Permit Number:BGT 2	
Closure Method: Waste Excavation and Removal On-Site Closure Method Alternative Closure Method Waste Removal (Closed-loop systems only) If different from approved plan, please explain. Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached. Proof of Closure Notice (surface owner and division) Proof of Deed Notice (required for on-site closure for private land only) Plot Plan (for on-site closures and temporary pits) Confirmation Sampling Analytical Results (if applicable) Waste Material Sampling Analytical Results (required for on-site closure) Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation)		
Closure Report Attachment Checklist: _Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached. Proof of Closure Notice (surface owner and division) Proof of Deed Notice (required for on-site closure for private land only) Plot Plan (for on-site closures and temporary pits) Confirmation Sampling Analytical Results (if applicable) Waste Material Sampling Analytical Results (required for on-site closure) Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation)	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.	
TIM-CHELLOCUTE LOCATION: LATITICE LOCATION LATITICE LOCATION	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: Closure Method: Alternative Closure Method	ot complete this

22.	
Operator Closure Certification:	
I hereby certify that the information and attachments submitted with this closure report belief. I also certify that the closure complies with all applicable closure requirements	
Name (Print):	Title:
Signature:	Date:
e-mail address:	Telephone:







animas environmental services

Farmington, NM • Durango, CO animasenvironmental.com

DRAWN BY:	DATE DRAWN:		
C. Lameman	October 11, 2021		
REVISIONS BY:	DATE REVISED:		
C. Lameman	October 11, 2021		
	DATE CHECKED:		
CHECKED BY:	DATE CHECKED:		
CHECKED BY: D. Reese	DATE CHECKED: October 11, 2021		

AERIAL SITE LOCATION MAP

HARVEST MIDSTREAM CRANDELL SRC 2A API: 30-045-22109 NE½, NW½, SECTION 19, T31N, R10W SAN JUAN COUNTY, NEW MEXICO N36.88824, W107.92644

CRANDELL SRC 2A

Site Specific Hydrogeology

A visual site inspection confirming the information contained herein was performed on the well 'CRANDELL SRC 2A' which is located at 36.88814 degrees North latitude and 107.92688 degrees West longitude. This location is located on the Cedar Hill 7.5' USGS topographic quadrangle. This location is in Section 19 of Township 31 North Range 10 West of the Public Land Survey System (New Mexico Principal Meridian). This location is located in San Juan County, New Mexico. The nearest town is Cedar Hill, located 4.1 miles to the northeast. The nearest large town (population greater than 10,000) is Farmington, located 18.8 miles to the southwest (National Atlas). The nearest highway is US Highway 550, located 0.2 miles to the west. The location is on Private land. This location is in the Animas, Colorado, New Mexico, Sub-basin. This location is located 1802 meters or 5910 feet above sea level and receives 12 inches of rain each year. The vegetation at this location is classified as Colorado Plateau Pinon-Juniper Woodland as per the Southwest Regional Gap Analysis Project.

The estimated depth to ground water at this point is 143 feet. This estimation is based on the data published on the New Mexico O.S. Engineer's NMWRSS database website and water depth data from ConocoPhillips' cathodic wells. The nearest stream is 556 feet to the northeast and is classified by the USGS as an intermittent stream. The nearest perennial stream is 3,222 feet to the northwest. The nearest water body is 5,139 feet to the north. It is classified by the USGS as an intermittent lake and is 3.3 acres in size. The nearest spring is 15,995 feet to the northwest. All stream, river, water body and spring information was determined as per the USGS Hydrographic Dataset (High Resolution), downloaded 3/2008. The nearest water well is 1,344 feet to the northwest. The nearest wetland is a 1.3 acre Freshwater Forested/Shrub Wetland located 2,630 feet to the north. The slope at this location is 3 degrees to the northwest as calculated from USGS 30M National Elevation Dataset. This information is also discerned from the aerial and topographic map included. 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 'Haplargids-Blackston-Torriorthents complex, very steep' and is well drained and not hydric with severe erosion potential as taken from the NRCS SSURGO map unit, downloaded January 2008.

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.

PLSS Search: Q16: NE

Received by OCD: 10/18/2021 10:11:23 AM

New Mexico Office of the State Engineer Active & Inactive Points of Diversion

No PODs found

Range: 10W

(with Ownership Information)

Township: 31N

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data. 10 Released to Imaging: 10/20/2021 4:29:13 PM

04: NW

Section(s): 19

ACTIVE & INACTIVE POINTS OF DIVERSION

Page 11 of 17



BGT Siting Criteria - Summary Information Sheet 19.15.17.10(A.8) NMAC

Site Name:	Crandell SRC 2A			
Pit Identifier:	BGT			
API #:	30-045-22109			
Lat/Long:	36.88824, -107.92	644		
Qtr/Qtr-Section-Township-Range:	NE/NW (C)-19-31	N-10W		
Land Jurisdiction:	Private - Robert D	ingwall and Diane	Mittler	
County:	San Juan			
Determination made by:	Lany Cupps (Envir	onmental Scientist	()	
Date:	10/11/2021			
Depth 1	to Groundwater De	etermination		
Is groundwater less than 25 feet below the bott			Yes 🗌	No 🗸
Cathodic Report/Site Specific Hydrogeology			ndwater is 143 ft	bgs
Elevation Differential	·	,		
	None in qtr/qtr			
Cathodic Report Nearby Wells				
	Distance to Waterl			
Is the BGT within 100 feet of a continuously flow watercourse, lake bed, sinkhole, wetland or pla	-	significant	Yes 🗌	No 🗸
Nearest continuously flowing watercourse, significant		Unnamed intermi	ttent stream 556	feet to northeast.
watercourse, lake bed, sinkhole, wetland or playa lake		Unnamed perreni	al stream is 3,22	2 feet to
(measured from the ordinary high-water mark):		northwest.		
	Distance to Water S	Sources		
Is the BGT within 200 horizontal feet of a spring			🗆	·· 🗆
or livestock consumption?			Yes 🗌	No 🗹
Springs or wells within 200 feet: No springs or		stered wells within	1 200 feet.	

Received by OCD: 10/18/2021 10:11:23 AM

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#2A 30-045-22109Page 13 of 17 #6 30-045-20541

DATA SHEET FOR DEEP GROUND BED CATHODIC. PROTECTION WELLS NORTHWESTERN NEW MEXICO

Operator Meridian Oil Co. Location: Unit C Sec. 19 Twp 31 Rng 10
Name of Well/Wells or Pipeline Serviced
Crandell "2A And "6
Elevation Completion Date 4-4-93 Total Depth 375' Land Type P
Casing Strings, Sizes, Types & Depths/2/3 Set 98 Of 8" PVC CASING.
NO WATER, OFGAS, BUT 38' Of River Boulders Were EN COUNTERED During CASING.
If Casing Strings are cemented, show amounts & types used Cemented
WITH 26 SACKS
If Cement or Bentonite Plugs have been placed, show depths & amounts used ν/ρ
Depths & thickness of water zones with description of water: Fresh, Clear, Salty, Sulphur, Etc. 120' fresh
Depths gas encountered: Nort
Ground bed depth with type & amount of coke breeze used: 375' 52 Sacks of Loresco
Depths anodes placed: 325,300, 285, 275, 765, 255, 245, 235, 225, 140) 85, 155, 145
Vent pipe perforations: Bottom 255' Vent pipe perforations: Bottom 255'
Remarks: No far 255 OH CON. DIV.
Remarks: Dist. DIV
•

If any of the above data is unavailable, please indicate so. Copies of all logs, including Drillers Log, Water Analyses & Well Bore Schematics should be submitted when available. Unplugged abandoned wells are to be included.

Land Type may be shown: F-Federal; I-Indian; S-State; P-Fee. If Federal or Indian, add Lease Number.

by OCD: 10/18/2021 10:11:23 Laboratory No 25 - 930413		TER ANALY	SIS REPO	RT FORM		• 4.
Company	,			Sample No.	Date Sa	
MERIDIAN) OIL		i, ii,	,'	4	14/93
Field 413910	Lega	I Description		County or Parish		State
Lease or Unit	Well		Depth	Formation	Water, E	3/D
CRANDELL	112A 8	× #6. "				
Type of Water (Produced, Supply,	etc.)	Sampling P	oint indbed		Sampled K.	Bishop
DISSOLVED SOLIDS	_	4,4.2	OTHER PRO	PERTIES		
CATIONS	. mg/l	me/l	, ,pH(与导			9/9-6 ···
Sodium, Na (calc.)	1900	89	Specific Grav	vity, 60/60 F.		1.0102
Calcium, Ca	387	19.3		hm-meters) 76 F.		1.25
Magnesium, Mg	2	0.7			Karana (Maria) Maria Maria	
Barium, Ba		· · · · · · · · · · · · · · · · · · ·	· []			·
			`.;		in a significant in the signific	-,
,				Total Dissolved Soli	as (caic.)	7300
ANIONS	•			The state of the second		
Chloride, Cl	78	2.2,	*4	Iron, Fe (total)	·	6.1
Sulfate, So₄	4900	100	ا الله الله الله الله الله الله الله ال	Sulfide, as H₂S		***
Carbonate, CO ₃	50	0.6		4	, ,	
Bicarbonate, HCO ₃			DEMARKS &	RECOMMENDATIONS:		•
			newanks a	RECOMMENDATIONS:	• • •	
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				HM		

Date Analyzed
May 204193

Analyzed By R.H.



TECH, Inc. 333 East Main Farmington New Mexico :...· 87401 505/327-3311

Date Received April 17th, 1993

Preserved

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.

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		

Table 1 Closure Criteria for Soils Beneath Below Grade Tanks, Drying Pads Associated with Closed Loop Systems and Pits where contents are Removed					
Depth Below Bottom of pit to groundwater less than	Constituent	Method	Limit**		
10,000 mg/l			3.000 M.C.		
	Chloride	EPA 300.0	600 mg/kg		
	TPH	EPA SW-846	100 mg/kg		
≤50 feet		Method 418.1			
	BTEX	EPA SW-846	50 mg/kg		
		8021B or 8260B			
	Benzene	EPA SW-846	10 mg/kg		
		8021B or 8260B			
51 feet - 100 feet	Chloride	EPA 300.0	10,000 mg/kg		
	TPH	EPA SW-846	2,500 mg/kg		
		Method 418.1			
	GRO+DRO	EPA SW-846	1,000 mg/kg		
		Method 8015M			
	BTEX	EPA SW-846	50 mg/kg		
		8021B or 8260B			
	Benzene	EPA SW-846	10 mg/kg		
		8021B or 8260B			
>100 feet	Chloride	EPA 300.0	20,000 mg/kg		
	TPH	EPA SW-846	2,500 mg/kg		
		Method 418.1			
	GRO+DRO	EPA SW-846	1,000 mg/kg		
		Method 8015M			
	BTEX	EPA SW-846	50 mg/kg		
		8021B or 8260B			
	Benzene	EPA SW-846	10 mg/kg		
		8021B or 8260B			

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

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

Action 56460

CONDITIONS

Operator:	OGRID:	
Harvest Four Corners, LLC	373888	
1111 Travis Street	Action Number:	
Houston, TX 77002	56460	
	Action Type:	
	[C-144] Below Grade Tank Plan (C-144B)	

CONDITIONS

Created By	Condition	Condition Date
cwhitehead	None	10/20/2021