Type of action:

Form C-144 July 21, 2008

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Department
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

For temporary pits, closed-loop systems, and below-grade tanks, submit to the appropriate NMOCD District Office.

For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and

For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

Pit, Closed-Loop System, 1	Below-Grade Tank, or
Proposed Alternative Method Perm	nit or Closure Plan Application

Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method

Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method Modification to an existing permit Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system, below-grade tank, or proposed alternative method
Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, 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.
operator: SIMCOE LLC (BP as contractor operator) OGRID #: 329736
Address: 1199 Main Ave., Suite 101, Durango, CO 81301
Facility or well name: NORTHEAST BLANCO UNIT 017A
APPNumber: 3003921695 OCD Permit Number:
U/L or Qtr/Qtr F Section 9.0 Township 30.0N Range 07W County: San Juan County
Center of Proposed Design: Latitude36.830627 Longitude107.580555 NAD: ☐1927 🗷 1983
Surface Owner: X Federal State Private Tribal Trust or Indian Allotment
Pit: Subsection F or G of 19.15.17.11 NMAC Temporary: Drilling Workover Permanent Emergency Cavitation P&A Lined Unlined Liner type: Thickness mil LLDPE HDPE PVC Other String-Reinforced Liner Seams: Welded Factory Other Volume: bbl Dimensions: L x W x D 3. Closed-loop System: Subsection H of 19.15.17.11 NMAC Type of Operation: P&A Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent) Drying Pad Above Ground Steel Tanks Haul-off Bins Other Lined Unlined Liner type: Thickness mil LLDPE HDPE PVC Other Liner Seams: Welded Factory Other
X Below-grade tank: Subsection I of 19.15.17.11 NMAC Tank ID: B
Alternative Method: Submitted of an association acquest is acquired. Expending must be submitted to the Soute Fe Environmental Duncou office for consideration of annuals.

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 Alternate. Please specify	hospital,
Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks) Screen Netting Other Monthly inspections (If netting or screening is not physically feasible)	
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	
Administrative Approvals 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: Administrative approval(s): Requests must be submitted to the appropriate division district or the Santa Fe Environmental Bureau consideration of approval. Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.	office for
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 acceptant material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of a Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to dry above-grade tanks associated with a closed-loop system.	opriate district approval.
Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	Yes No
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 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applies to temporary, emergency, or cavitation pits and below-grade tanks) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No ☐ NA
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applies to permanent pits) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No ☐ NA
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, 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 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. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ 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
Within the area overlying a subsurface mine Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
Within an unstable area. - 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.	☐ Yes ☐ No

Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment 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 (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 19.15.17.11 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 19.15.17.9 NMAC and 19.15.17.13 NMAC		
Previously Approved Design (attach copy of design) API Number: or Permit Number:		
12. Closed-loop Systems Permit Application Attachment 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. □ Geologic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9		
Siting Criteria Compliance Demonstrations (only for on-site closure) - 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 19.15.17.9 NMAC and 19.15.17.13 NMAC	Z.	
☐ Previously Approved Design (attach copy of design) API Number:		
Previously Approved Operating and Maintenance Plan API Number:(Applies only to closed-loop system that use		
above ground steel tanks or haul-off bins and propose to implement waste removal for closure)		
Discriminated 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 Discrimination 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 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 Closed-loop System 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 (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)		
Maste Excavation and Removal 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 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 F 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 G of 19.15.17.13 NMAC		

Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Hastructions: Please indentify the facility or facilities for the disposal of liquids, drilling fluids and facilities are required.		
Disposal Facility Name: Disposal Facility	Permit Number:	
Disposal Facility Name: Disposal Facility	Permit Number:	
Will any of the proposed closed-loop system operations and associated activities occur on or in areas Yes (If yes, please provide the information below) No	that will not be used for future serv	vice and operations?
Required for impacted areas which will not be used for future service and operations: Soil Backfill and Cover Design Specifications based upon the appropriate requirements of S Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 N Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.1	MAC	2
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. Rec provided below. Requests regarding changes to certain siting criteria may require administrative a considered an exception which must be submitted to the Santa Fe Environmental Bureau office for demonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC for guidance.	pproval from the appropriate distr	rict office or may be
Ground water is less than 50 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from ne	arby wells	☐ Yes ☐ No ☐ NA
Ground water is between 50 and 100 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from ne	arby 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 ne	arby wells	☐ Yes ☐ No ☐ NA
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	se or lakebed, sinkhole, or playa	☐ Yes ☐ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	time of initial application.	☐ Yes ☐ No
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five househow the watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the	at the time of initial application.	☐ Yes ☐ No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covere adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the	•	Yes No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification map)	fication) of the proposed site	☐ Yes ☐ No
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Divis	sion	☐ Yes ☐ No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources Society; Topographic map	urces; USGS; NM Geological	☐ Yes ☐ No
Within a 100-year floodplain FEMA map		☐ Yes ☐ No
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items to by a check mark in the box, that the documents are attached. Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15. Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection F of 19.15. Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of 19.15.17.13 NMAC Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC Waste Material Sampling Plan - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC 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 I of 19.15.17.13 NMAC Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC	.17.10 NMAC 9.15.17.13 NMAC nents of 19.15.17.11 NMAC ne appropriate requirements of 19.2 ection F of 19.15.17.13 NMAC 0.15.17.13 NMAC case on-site closure standards cannot MAC MAC	15.17.11 NMAC

Operator Application Certification:	
I hereby certify that the information submitted with this application is true, accurate and complete to the	ne best of my knowledge and belief.
Name (Print): Title:	
Signature: Date:	
e-mail address: Telephone:	
20.	
OCD Approval: Permit Application (including closure plan) Closure Plan (only) CD Report	Conditions (see attachment)
OCD Representative Signature: Victoria Venegas	Approval Date: 12/22/2021
Title: Environmental Specialist OCD Permit Numb	ber:
Closure Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NM Instructions: Operators are required to obtain an approved closure plan prior to implementing any of the closure report is required to be submitted to the division within 60 days of the completion of the division of the form until an approved closure plan has been obtained and the closure activities have be Closure Comp	closure activities and submitting the closure report. closure activities. Please do not complete this been completed.
22.	<u> </u>
Closure Method: Waste Excavation and Removal On-Site Closure Method If different from approved plan, please explain.	☐ Waste Removal (Closed-loop systems only)
Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Constructions: Please indentify the facility or facilities for where the liquids, drilling fluids and drill control two facilities were utilized.	
Disposal Facility Name: Disposal Facility Pe	ermit Number:
Disposal Facility Name: Disposal Facility Permit Number:	
Were the closed-loop system operations and associated activities performed on or in areas that <i>will not</i> Yes (If yes, please demonstrate compliance to the items below) \(\subseteq \text{No} \)	be used for future service and operations?
Required for impacted areas which will not be used for future service and operations: Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique	
Closure Report Attachment Checklist: Instructions: Each of the following items must be attached 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) 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) On-site Closure Location: Latitude 36.830627 Longitude -107.58	
25.	
Operator Closure Certification: I hereby certify that the information and attachments submitted with this closure report is true, accurate belief. I also certify that the closure complies with all applicable closure requirements and conditions specified.	
	ontract Environmental Coordinate
2020.10.28 11:59:04	10/28/2020
organitation.	
e-mail address: Steve.Moskal@bpx.com Telephone:	(505) 330-9179

22.	
Operator Closure Certification:	
	nts 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:
S:	Deter
Signature:	Date:
e-mail address:	Telephone:

Form C-144

Released to Imaging: 12/22/2021 3:27:17 PM

SIMCOE LLC

(BP as contractor)
SAN JUAN BASIN, NORTHWEST NEW MEXICO

BELOW-GRADE TANK CLOSURE PLAN

Northeast Blanco Unit # 17A – Tank ID: B API #: 3003921695 Unit Letter E, Section 9, T30N, R07W

This plan will address the standard protocols and procedures for closure of below-grade tanks (BGTs) on SIMCOE LLC (BP as contractor) well sites. As stipulated in Paragraph A of 19.15.17.13 NMAC, BP shall close a BGT within the time periods provided in 19.15.17.13 NMAC, or by an earlier date that the New Mexico Oil Conservation Division (NMOCD) requires because of imminent danger to fresh water, public health, safety or the environment. If deviations from this plan are necessary, any specific changes will be included on form C-144 and approved by the NMOCD. BP shall close an existing BGT that does not meet the requirements of Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC or is not included in Paragraph (5) of Subsection I of 19.15.17.11 NMAC within five years after June 16, 2008, if not retrofit with a BGT that complies with the BPX's NMOCD approved BGT design attached to the BP Design and Construction Plan. BP shall close an existing BGT that does not meet the requirements of Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC, if not previously retrofitted to comply with the BP's NMOCD approve BGT Design attached to the BP Design and Construction Plan, prior to any sale or change in operator pursuant to 19.15.9.9 NMAC. BP shall close the permitted BGT within 60 days of cessation of the BGTs operation or as required by the transitional provisions of Subsection B, D, or E of 19.15.17.17 NMAC.

General Closure Plan

1. BP shall notify the surface owner by certified mail that it plans to close a BGT. Evidence of mailing of the notice to the address of the surface owner shown in the county tax records demonstrates compliance with this requirement.

Notice is attached.

2. BP shall notify the division District III office verbally or by other means at least 72 hours, but not more than one (1) week, prior to any closure operation. The notice shall include the operator's name, and the location to be closed by unit letter, section, township and range. If the BGT closure is associated with a particular well, then the notice shall also include the well's name, number and API number.

Notice was provided and documented in the attached email.

- 3. BP shall remove liquids and sludge from the BGT prior to implementing a closure method and dispose of the liquids and sludge in a NMOCD's division-approved facility. The facilities to be used are:
 - a. BP Crouch Mesa Landfarm, Permit NM-02-003 (Solids)
 - b. JFJ Landfarm, Permit NM-01-010(B) (Solids and Sludge)
 - c. Basin Disposal, Permit NM-01-0005 (Liquids)
 - d. Envirotech Inc Soil Remediation Facility, Permit NM-01-0011 (Solids and Sludge)
 - e. BP Operated E.E. Elliott SWD #1, API 30-045-27799 (Liquids)
 - f. BP Operated 13 GCU SWD #1, API 30-045-28601 (Liquids)
 - g. BP Operated GCU 259 SWD, API 30-045-20006 (Liquids)
 - h. BP Operated GCU 306 SWD, API 30-045-24286 (Liquids)
 - i. BP Operated GCU 307 SWD, API 30-045-24248 (Liquids)
 - j. BP Operated GCU 328 SWD, API 30-045-24735 (Liquids)
 - k. BP Operated Pritchard SWD #1, API 30-045-28351 (Liquids)

All liquids and/or sludge within the BGT were removed and sent to one of the above NMOCD approved facilities for disposal.

4. BP shall remove the BGT and dispose of it in a NMOCD approved facility or recycle, reuse, or reclaim it in a manner that the NMOCD approves. If a liner is present and must be disposed of it will be cleaned by scraping any soils or other attached materials on the liner to a de minimus amount and disposed at a permitted solid waste facility, pursuant to Subparagraph (m) of Paragraph (1) of Subsection C of 19.15.35.8 NMAC. Documentation as to the final disposition of the removed BGT will be provided in the final closure report.

The BGT was transported for recycling.

5. BP shall remove any on-site equipment associated with a BGT unless the equipment is required for well production.

All equipment associated with the BGT has been removed.

6. BP shall test the soils beneath the BGT to determine whether a release has occurred. BP shall collect at a minimum: a five (5) point composite sample and individual grab samples from any area that is wet, discolored or showing other evidence of a release and analyze for BTEX, TPH and chlorides. The testing methods for those constituents are as follows;

Constituents	Testing Method	Release Verification	Composite
	-	(mg/Kg)	Results
Benzene	US EPA Method SW-846 8021B or 8260B	0.2	< 0.018
Total BTEX	US EPA Method SW-846 8021B or 8260B	50	< 0.071
TPH	US EPA Method SW-846 418.1	100	<46
Chlorides	US EPA Method 300.0 or 4500B	250 or background	<60

Notes:

 $mg/Kg = milligram\ per\ kilogram,\ pcs = point\ composite\ sample,\ BTEX = benzene,\ toluene,\ ethylbenzene,\ and\ total\ xylenes,\ TPH = total\ petroleum\ hydrocarbons.$ Other EPA methods that the division approves may be applied to all constituents listed. Chloride closure standards will be determined by which ever concentration level is greatest.

<u>Soils beneath the BGT were sampled for TPH, BTEX, and chloride.</u> All test parameters were below the stated limits. A field and laboratory reports are attached.

7. BP shall notify the division District III office of its results on form C-141. C-141 is attached.

8. If it is determined that a release has occurred, then BP will comply with 19.15.30 NMAC and 19.15.29 NMAC, as appropriate.

Sampling results reveal no evidence of a release had occurred.

9. If the sampling demonstrates that a release has not occurred or that any release does not exceed the concentrations specified above, then BP shall backfill the excavation, with compacted, non-waste containing, earthen material; construct a division-prescribed soil cover, re-contour and re-vegetate the location. The location will be reclaimed if it is not with in the active process area.

Sampling results reveal no evidence of a release had occurred. BGT area has been backfilled with clean, earthen material after remedial activity has been completed.

10. BP shall reclaim the BGT location and all areas associated with the BGT including associated access roads to a safe and stable condition that blends with the surrounding undisturbed area. BP shall substantially restore the impacted surface area to the condition that existed prior to oil and gas operations by placement of the soil cover as provided in Subsection H of 19.15.17.13 NMAC, re-contour the location and associated areas to a contour that approximates the original contour and blends with the surrounding topography and re-vegetate according to Subsection I of 19.15.17.13 NMAC.

BGT area has been backfilled with clean, earthen material. Reclamation will be completed within the allowable timeframe and will meet the specified requirements of 19.15.17.13 NMAC.

- 11. The soil cover for closures where the BGT has been removed or remediated to the NMOCD's satisfaction shall consist of the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater. The soil cover will be constructed to the site's existing grade and all practicable efforts will be made to prevent ponding of water and erosion of the cover material.
 - BGT area has been backfilled with clean, earthen material. Reclamation will be completed within the allowable timeframe and will meet the specified requirements of 19.15.17.13 NMAC.
- 12. BP shall seed the disturbed area the first growing season after closure of the BGT. Seeding will be accomplished by drilling on the contour whenever practical or by other division-approved methods. Vegetative cover will be, at a minimum, 70% of the native perennial vegetative cover (un-impacted by overgrazing, fire or other intrusion damaging to native vegetation), consisting of at least three native plant species, including at least one grass, but not including noxious weeds, and maintenance of that cover through two successive growing seasons. During the two growing seasons that prove viability, there shall be no artificial irrigation of the vegetation.

 BGT area has been backfilled with clean, earthen material. Reclamation will be
 - BGT area has been backfilled with clean, earthen material. Reclamation will be completed within the allowable timeframe and will meet the specified requirements of 19.15.17.13 NMAC.
- 13. BP shall seed, plant and re-seed pursuant to Paragraph (3) of Subsection I of 19.15.17.13 NMAC, until the location successfully achieves the required vegetative cover.
 - BGT area has been backfilled with clean, earthen material. Reclamation will be completed within the allowable timeframe and will meet the specified requirements of 19.15.17.13 NMAC.
- 14. Pursuant to Paragraph (5) of Subsection I of 19.15.17.13 NMAC, BP shall notify the NMOCD when it has seeded or planted and when it successfully achieves re-vegetation.
 - BP will notify NMOCD when re-vegetation is successfully completed.
- 15. Within 60 days of closure completion, BP shall submit a closure report on NMOCD's form C-144, and will include the following;
 - a. proof of closure notification (surface owner and NMOCD)
 - b. sampling analytical reports; information required by 19.15.17 NMAC;
 - c. disposal facility name and permit number
 - d. details on back-filling, capping, covering, and where applicable re-vegetation application rates and seeding techniques and
 - e. site reclamation, photo documentation.

<u>Closure report on C-144 form is included & contains a photo of the current reclamation</u> requirements completed.

- 16. BP shall certify that all information in the report and attachments is accurate, truthful, and compliant with all applicable closure requirements and conditions specified in the approved closure plan.
- 17. Certification section of C-144 has been completed.

From: Patti Campbell

Sent: Wednesday, August 26, 2020 3:35 PM

To: Smith, Cory, EMNRD

Cc: Steven Moskal; Don Buller; Nelson Velez; Jacob Harter; Kyle Siesser

Subject: BGT Closure Notification - Northeast Blanco Unit 017A

SENT VIA E-MAIL TO: CORY.SMITH@STATE.NM.US

August 26, 2020

New Mexico Oil Conservation Division 1000 Rio Brazos Road Aztec, New Mexico 87410

RE: Notice of Proposed Below-Grade Tank (BGT) Closure

Northeast Blanco Unit 017A API 30-045-21695 (E) Section 09 – T30N – R07W San Juan County, New Mexico

Dear Mr. Cory Smith,

In regards to the captioned subject and requirements of the NMOCD pit rule, this letter is notification that BP is planning to close a 35 bbl BGT that will no longer be operational at this well site. We anticipate this work to start on or around August 31, 2020 at 10 AM.

Should you have any questions, please feel free to contact BP.

Patti Campbell
Regulatory Analyst
BP America Production Company
BPX Energy Inc.
(970) 712-5997
patti.campbell@bpx.com



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From: Patti Campbell

Sent: Wednesday, August 26, 2020 3:47 PM

To: Smith, Cory, EMNRD

Cc: Steven Moskal; Don Buller; Nelson Velez; Jacob Harter; Kyle Siesser Subject: RE: BGT Closure Notification - Northeast Blanco Unit 017A

API correction:

30-039-21695

Patti Campbell
Regulatory Analyst
BP America Production Company
BPX Energy Inc.
(970) 712-5997
patti.campbell@bpx.com



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From: Steven Moskal

Sent: Monday, August 31, 2020 3:17 PM

To: Smith, Cory, EMNRD

Cc: Nelson Velez

Subject: Re: [EXT] Re: Northeast Blanco Unit 017A BGT Question

No problem. Thanks for following up.

We do have two more closures with similar situations scheduled for tomorrow and Wednesday at 11:00 each. They are the NEBU 018 and 016A. Please review and let me know.

Thanks,

Steve Moskal | Environmental Coordinator BP - West Business Unit | (505) 330-9179

From: Smith, Cory, EMNRD < Cory. Smith@state.nm.us>

Sent: Monday, August 31, 2020 3:08:36 PM **To:** Steven Moskal <Steven.Moskal@BPX.COM>

Subject: RE: [EXT] Re: Northeast Blanco Unit 017A BGT Question

Steve,

Sorry for the late reply I sent that out via my Ipad this morning apparently it didn't go out till I got home.

Cory Smith | Environmental Specialist
Oil Conservation Division | Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410 | (505)334-6178 ext 115 | cory.smith@state.nm.us

From: Steven Moskal <Steven.Moskal@BPX.COM>

Sent: Monday, August 31, 2020 3:07 PM

To: Smith, Cory, EMNRD <Cory.Smith@state.nm.us> **Cc:** Nelson Velez <nvelez@cottonwoodconsulting.com>

Subject: Re: [EXT] Re: Northeast Blanco Unit 017A BGT Question

Thank you Cory.

Steve Moskal | Environmental Coordinator | BP - West Business Unit | (505) 330-9179

From: Smith, Cory, EMNRD < Cory.Smith@state.nm.us >

Sent: Monday, August 31, 2020 2:51:57 PM **To:** Steven Moskal < Steven.Moskal@BPX.COM >

Cc: Nelson Velez < nvelez@cottonwoodconsulting.com >

Subject: Re: [EXT] Re: Northeast Blanco Unit 017A BGT Question

OCD approves the closure for today following all applicable regulations per 19.15.17 NMAC

Since OCD has not reviewed the depth to water please treat this as the most stringent standard as of now if there is an issue with the sample results please email me ASAP and we can discuss the ground water.

Please include this approval in you closure packet

Thank you

On Mon, Aug 31, 2020 at 8:19 AM -0600, "Steven Moskal" <<u>Steven.Moskal@BPX.COM</u>> wrote:

Cory,

We have the NEBU 017A BGT closure scheduled for 11:00 today. Can you approve this permit or provide approval to proceed with the closure?

Thank you,

Steve Moskal | Environmental Coordinator BP - West Business Unit | (505) 330-9179

From: Steven Moskal

Sent: Thursday, August 6, 2020 10:45:52 AM

To: Smith, Cory, EMNRD < Cory.Smith@state.nm.us > Cc: 'blagg_njv@yahoo.com' < blagg_njv@yahoo.com > Subject: RE: Northeast Blanco Unit 017A BGT Question

Cory – The NEBU 017 and 016A BGT closure permits will be submitted to the NMOCD later today.

Just a heads up.

Thank you,

Steve Moskal | Environmental Coordinator

BP America Production Co. | bpx energy - WBU

1199 Main Ave. | Suite 101 | Durango | CO | 81301

Direct: 505.330.9179 | steven.moskal@bpx.com



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From: Smith, Cory, EMNRD < Cory.Smith@state.nm.us >

Sent: Tuesday, August 4, 2020 7:32 AM

To: Steven Moskal <<u>Steven.Moskal@BPX.COM</u>>
Cc: 'blagg_njv@yahoo.com' <<u>blagg_njv@yahoo.com</u>>
Subject: RE: Northeast Blanco Unit 017A BGT Question

Steve,

Had to do some digging to answer this one. These permits were considered permitted in 2008. There was a clause in the 2008 rules that if the BGT were previously permitted that they were required to submit an operation/maintenance and closure plan.

So in essence yes its register, but no it cant be closed it needs a Closure plan approved first.

Cory Smith | Environmental Specialist
Oil Conservation Division | Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410 | (505)334-6178 ext 115 | cory.smith@state.nm.us

From: Steven Moskal <Steven.Moskal@BPX.COM>

Sent: Friday, July 31, 2020 2:09 PM

To: Smith, Cory, EMNRD < Cory.Smith@state.nm.us > Cc: 'blagg_njv@yahoo.com' < blagg_njv@yahoo.com > Subject: [EXT] Northeast Blanco Unit 017A BGT Question

Cory – We are looking to close the 25 bbl BGT located on this location. There is a permit from 2004, can this be used for closure of the tank, or does a new closure plan need to be submitted?

http://ocdimage.emnrd.state.nm.us/Imaging/FileStore/aztec/wf/14452/3003921695 15 wf.pdf

Similar situation on the NEBU 018.

http://ocdimage.emnrd.state.nm.us/Imaging/FileStore/aztec/wf/14452/3003921722 12 wf.pdf

Please advise.

Thank you,

Steve Moskal | Environmental Coordinator

BP America Production Co. | bpx energy - WBU

1199 Main Ave. | Suite 101 | Durango | CO | 81301

Direct: 505.330.9179 | steven.moskal@bpx.com



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bp



BP America Production Company 1199 Main Ave., Suite 101

August 26, 2020

Bureau of Land Management Abiodun Adeloye 6251 College, Suite A Farmington, NM 87402

VIA EMAIL

Re: Notification of plans to close/remove a below grade tank Well Name: Northeast Blanco Unit 017A API# - 3003921695

Dear Mr. Adeloye,

As part of the NM "Pit Rule": 19.15.17.13 Closure Requirements, Paragraph J. BP America Production Company (BP) as a contractor operator for SIMCOE LLC is required to notify the surface owner of SIMCOE LLC's plans to close/remove a below grade tank. BP wishes to inform you of SIMCOE's plans to close/remove the below grade tank on its well pad located on your surface. BP plans to commence this work on or about August 31, 2020 at 10 a.m. Barring any unforeseen issues, the work should be completed within 10 working days.

As a point of clarification, BP will be closing the below grade tank and either operating without one or replacing it with an above ground tank, the well site will continue to operate.

If witnessing of the tank removal is required, please contact Steve Moskal for a specific time (505)-330-9179.

Sincerely,

Patti Campbell

Patti Campbell BPX – San Juan Regulatory Analyst District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party SIMCOE LLC (BP as contractor)		OGRID 3	OGRID 329736			
Contact Name Steve Moskal		Contact T	Contact Telephone (505) 330-9179			
Contact email Steven.Moskal@bpx.com Incid		Incident #	‡ (assigned by OCD)			
Contact mail	ing address	1199 Main Av	e., Suite 101, D	urango, CO 8	31301	
			Location o	of Release S	ource	
Latitude	36	.830650		Longitude	-107.580558	
			(NAD 83 in decin	nal degrees to 5 decir	mal places)	
Site Name N	ORTHE	AST BLANCO	UNIT 017A	Site Type	Natural Gas Well	
Date Release	Discovered			API# (if app	pplicable) 3003921695	
Unit Letter	Section	Township	Range	Cour		
Е	9	30N	07W	Rio A	Arriba	
Crude Oil					c justification for the volumes provided below)	
		Volume Release			Volume Recovered (bbls)	
Produced	Water	Volume Release			Volume Recovered (bbls)	
			ion of dissolved chl >10 000 mg/l?	oride in the	☐ Yes ☐ No	
Condensa	produced water >10,000 mg/l? Condensate Volume Released (bbls)			Volume Recovered (bbls)		
Natural G	Natural Gas Volume Released (Mcf)			Volume Recovered (Mcf)		
Other (describe) Volume/Weight Released (provide units		units)	Volume/Weight Recovered (provide units)			
Cause of Rel			oride all below l ease had occur		tank (BGT) permit closure standards.	

Received by OCD: 10/28/2020 3:25:26 PM State of New Mexico
Page 2 Oil Conservation Division

73		7	-	- 1	2	
-Pc	ıge	I	D.	OT .	21	l
	0 -	_	_		_	

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by	If YES, for what reason(s) does the respon	sible party consider this a major release?
19.15.29.7(A) NMAC?		
☐ Yes ⊠ No		
If YES, was immediate no	otice given to the OCD? By whom? To wh	om? When and by what means (phone, email, etc)?
Not required.		
	Initial Re	sponse
The responsible p	party must undertake the following actions immediately	unless they could create a safety hazard that would result in injury
☐ The source of the rele	ease has been stonned	
	s been secured to protect human health and	the environment.
	•	ikes, absorbent pads, or other containment devices.
All free liquids and re	ecoverable materials have been removed and	managed appropriately.
If all the actions described	d above have <u>not</u> been undertaken, explain v	rhy:
has begun, please attach a	a narrative of actions to date. If remedial e	mediation immediately after discovery of a release. If remediation fforts have been successfully completed or if the release occurred lease attach all information needed for closure evaluation.
regulations all operators are public health or the environm failed to adequately investigated to adequate the control of the c	required to report and/or file certain release notified nent. The acceptance of a C-141 report by the O ate and remediate contamination that pose a threat	est of my knowledge and understand that pursuant to OCD rules and ications and perform corrective actions for releases which may endanger CD does not relieve the operator of liability should their operations have it to groundwater, surface water, human health or the environment. In esponsibility for compliance with any other federal, state, or local laws
Printed Name: Steve	e Moskal	Title: Environmental Coordinator
Signature:		Date:
email: Steve.Moska	al@bpx.com	Telephone: (505) 330-9179
OCD Only		
Received by:		Date:

Received by OCD: 10/28/2020 3:2	COTTON		Page 17 of 20 API #: 3003921695					
CLIENT: UIIVIOUL	P.O. BOX 16	53, DURANGO	*	303	TANK ID			
		(970) 764-735	<u>66 </u>		(if applicble):	В		
FIELD REPORT:	(circle one): BGT CONFIRM	ATION / RELEASE INVESTIG	GATION / OTHER:		PAGE#: 1	of 1		
SITE INFORMATION	SITE NAME: NE	BU # 17A			DATE STARTED: 0	8/31/20		
QUAD/UNIT: E SEC: 9 TWP:	30N RNG: 7W	PM: NM CNT	y: RA st:	NM	DATE FINISHED:			
1/4 -1/4/FOOTAGE: 1,450'N / 1,0	60'W SW/NW	EASE TYPE: FEDERAL	7 STATE / FEE / II	NDIAN	ENVIRONMENTAL			
	PROD. FORMATION: M				SPECIALIST(S):	NJV		
REFERENCE POINT	_	H.) GPS COORD.:) GIFIFV:	6 334'		
	GPS COORD.:				RING FROM P&A:112			
2)								
3)								
4)								
SAMPLING DATA:	CHAIN OF CUSTODY RECOR					OVM READING		
1) SAMPLE ID: 5PC-TB @ 3.5					5B/8021B/300.0 (CI	(mag)		
2) SAMPLE ID:						,		
3) SAMPLE ID:	SAMPLE DATE:	SAMPLE TIME:	LAB ANALYS	SIS:				
SAMPLE ID: SAMPLE ID:								
SOIL DESCRIPTION SOIL COLOR: DARK YEL COHESION (ALL OTHERS): NON COHESIVE SLIGHTLY	LOWISH BROWN	PLASTICITY (CLAYS):	NON PLASTIC / SLIGHTI	Y PLASTIC /C	OHESIVE MEDIUM PLASTIC /			
CONSISTENCY (NON COHESIVE SOILS): LC		,			STIFF VERT STIFF / HARI			
MOISTURE: DRY/SLIGHTLY MOIST/ MOIST/ WE		RATED						
SAMPLE TYPE: GRAB COMPOSITE # DISCOLORATION/STAINING OBSERVED: YES N		ANY AREAS DISPLA	YING WETNESS: YES	NO EXPLAN	NATION -			
SITE OBSERVATION		HDMENT: VES (NO EVDI ANA	TION					
APPARENT EVIDENCE OF A RELEASE OBSERVE								
EQUIPMENT SET OVER RECLAIMED AREA:	YES NO EXPLANATION -							
OTHER: NMOCD / BLM REPS. NOT PRE	SENT TO WITNESS CONF	FIRMATION SAMPLING.						
EXCAVATION DIMENSION ESTIMATION:	NA ft. X	NA ft. X NA	ft. EXCA	VATION EST	TIMATION (Cubic Yards)	: NA		
DEPTH TO GROUNDWATER: >100'	_ NEAREST WATER SOURCE:	>1,000' NEAREST SURF.	ACE WATER: 300'<	x<1,000'	NMOCD TPH CLOSURE ST	TD: 2,500 ppm		
SITE SKETCH	BGT Located: off	on site PLOT P	LAN circle: atta	ovM	CALIB. READ. = 98.7	ppm RF =1.00		
				♦ OVM	CALIB. GAS =	ppm		
		TEEL		N TIME	: 10:22 (am/pm DATE:	08/31/20		
	T.B. ~3.5'	R.W.		1	MISCELL. N	OTES		
	B.G.	BERM		l _P	O:			
	FENCE TENCE				FE #:			
	TEROE >	COMPRESSOR			IO #:			
				G	L#:			
				Po	ermit date(s): 08	/06/20		
				O		/15/20		
		го \		İ	ppm = parts per mill	lion		
	W	ин. ↓	• • •	🖪	BGT Sidewalls Visible: BGT Sidewalls Visible:	<u> </u>		
NATES DOT DELOW OD DE TUNCTE TO THE	NU DEDDEGGIOU D. O TELOW SE	DE D. DELOW TH. =====	X - S.		BGT Sidewalls Visible:			
NOTES: BGT = BELOW-GRADE TANK; E.D. = EXCAVATIO T.B. = TANK BOTTOM; PBGTL = PREVIOUS BEL APPLICABLE OR NOT AVAILABLE; SW - SINGLE	OW-GRADE TANK LOCATION; SPD =	SAMPLE POINT DESIGNATION; R.V	V. = RETAINING WALL; NA -		lagnetic declination:			
NOTES: GOOGLE EARTH IMAGE			08/31/20	-				

Released by Jamesing. 12/22/2021 3.27.17 PM - ievised: 11/26/13

BEI1005E-6.SK

Analytical Report

Lab Order 2009002

Hall Environmental Analysis Laboratory, Inc. Date Reported: 9/9/2020

CLIENT: SIMCOE/Cottonwood Consulting

Client Sample ID: 5PC-TB @ 3.5' (45)

Project: NEBU #17A

Collection Date: 8/31/2020 10:20:00 AM

Lab ID: 2009002-001 **Matrix:** SOIL **Received Date:** 9/1/2020 8:00:00 AM

Analyses	Result RL Qual Units DF		DF	Date Analyzed	
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst: BRM
Diesel Range Organics (DRO)	ND	9.2	mg/Kg	1	9/1/2020 11:24:07 AM
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	9/1/2020 11:24:07 AM
Surr: DNOP	101	30.4-154	%Rec	1	9/1/2020 11:24:07 AM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.6	mg/Kg	1	9/1/2020 9:38:52 AM
Surr: BFB	95.8	75.3-105	%Rec	1	9/1/2020 9:38:52 AM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.018	mg/Kg	1	9/1/2020 9:38:52 AM
Toluene	ND	0.036	mg/Kg	1	9/1/2020 9:38:52 AM
Ethylbenzene	ND	0.036	mg/Kg	1	9/1/2020 9:38:52 AM
Xylenes, Total	ND	0.071	mg/Kg	1	9/1/2020 9:38:52 AM
Surr: 4-Bromofluorobenzene	98.3	80-120	%Rec	1	9/1/2020 9:38:52 AM
EPA METHOD 300.0: ANIONS					Analyst: CJS
Chloride	ND	60	mg/Kg	20	9/1/2020 9:59:33 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 1 of 6

Client:	SIMCOE		tody Record	Turn-Around Standard Project Name	Rush _	SAME					AIN	AL	Y:	SIS	5 L	A		RA	NT		٢
Mailing A	ddress:	1100 MA	IN ST.		NEBU #17	7A		49	01 H	lawl	ins l	NE -	All	ouqu	erqu	ue, N	MI 8	7109	9		
		DURANG	GO, COLO. 81301	Project #:				Te	1.50	05-3	45-3	975		Fax	505	-345	-410	7			
Phone #:		(505) 33	0-9179	01 = -								1	Anal	ysis	Red	ques	st				
email or F	ax#:			Project Manag	ger:									4)				1)			
QA/QC Pad Standa			Level 4 (Full Validation)		STEVE MOS	SKAL	0218)	only)	MRO)			15)		05,50	8082 PCB's			er - 300.		۵	
Accreditat	tion:			Sampler:	N.V.		18 (8((Gas	RO/	1	1)	SIIV		02,1	3082			/ wat		ldm	
□ NELAF	>	□ Other	<u> </u>	On Ice:	☑ Yes	□ No 97 V	1	PH	0/D	118.	504.	3270		N,EC	s/8		(A)	0.00		e sa	2
□ EDD (1	Гуре)			Sample Temp	erature: 5	Rando	1	E+1	GRC	po	po	or 8	tals	N'IS	cide	F	i-VC	11 - 30	2	osit	7
Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No.	BTEX +MTBE + TMB's (8021B)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO /	TPH (Method 418.1)	EDB (Method 504.1)	PAH (8310 or 8270SIMS)	RCRA 8 Metals	Anions (F,CI,NO3,NO2,PO4,SO4)	8081 Pesticides /	8260B (VOA)	8270 (Semi-VOA)	Chloride (soil - 300.0 / water - 300.1)	olamer der	5 pt. composite sample	Air Bubbles (Y or N)
8/31/20	1020	SOIL	5PC-TB@ 3.5 (45)	4 oz 1	Cool	001	٧		٧									٧		V	
																			+		
															**				1		
Date: 8/31/20 Date: 8/31/20	Time: 1310 Time: 1964	Relinquishe	2/2	Received by:	n Walte	Date Time 8 31 20 1310 Date Time	4,2	ONT	O.I ACT:	= 4 Ster	ive Mated	oska	3, L +	on B	= 3 uller	3.2.		MATIC	IN BELO	W.	

Hall Environmental Analysis Laboratory, Inc.

WO#: **2009002**

09-Sep-20

Client: SIMCOE/Cottonwood Consulting

Project: NEBU #17A

Sample ID: MB-54839 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 54839 RunNo: 71522

Prep Date: 9/1/2020 Analysis Date: 9/1/2020 SeqNo: 2499640 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-54839 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 54839 RunNo: 71522

Prep Date: 9/1/2020 Analysis Date: 9/1/2020 SeqNo: 2499641 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 94.8 90 110

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 2 of 6

Hall Environmental Analysis Laboratory, Inc.

SampType: LCS

WO#: **2009002**

09-Sep-20

Client: SIMCOE/Cottonwood Consulting

Project: NEBU #17A

Sample ID: LCS-54840

Client ID: LCSS Batch ID: 54840 RunNo: 71526 Prep Date: 9/1/2020 Analysis Date: 9/1/2020 SeqNo: 2498249 Units: mg/Kg Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 10 50.00 n 97.4 49 70 130 Surr: DNOP 4.5 5.000 89.8 30.4 154 Sample ID: MB-54840 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 54840 RunNo: 71526 Analysis Date: 9/1/2020 Prep Date: 9/1/2020 SegNo: 2498250 Units: mg/Kg Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) ND 10 ND Motor Oil Range Organics (MRO) 50 Surr: DNOP 10.00 98.2 30.4 154 9.8 Sample ID: 2009002-001AMS TestCode: EPA Method 8015M/D: Diesel Range Organics SampType: MS Client ID: 5PC-TB @ 3.5' (45) Batch ID: 54840 RunNo: 71526 Prep Date: 9/1/2020 Analysis Date: 9/1/2020 SeqNo: 2499207 Units: mg/Kg

TestCode: EPA Method 8015M/D: Diesel Range Organics

Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 36 8.5 42.37 4.013 75.5 47.4 136 Surr: DNOP 3.8 4.237 89.7 30.4 154 Sample ID: 2009002-001AMSD TestCode: EPA Method 8015M/D: Diesel Range Organics SampType: MSD

Client ID: 5PC-TB @ 3.5' (45) Batch ID: 54840 RunNo: 71526 SeqNo: 2499208 Prep Date: 9/1/2020 Analysis Date: 9/1/2020 Units: mg/Kg SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte Result **PQL** LowLimit Qual Diesel Range Organics (DRO) 39 9.0 45.00 4.013 77.8 47.4 136 8.08 43.4 Surr: DNOP 4.1 4.500 90.3 30.4 154 0 0

Sample ID: LCS-54907 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics Batch ID: 54907 RunNo: 71526 Client ID: LCSS Prep Date: 9/2/2020 Analysis Date: 9/4/2020 SeqNo: 2502752 Units: %Rec SPK value SPK Ref Val %REC %RPD Analyte Result **PQL** LowLimit HighLimit **RPDLimit** Qual Surr: DNOP 5.000 119 30.4 154

Sample ID: MB-54907 TestCode: EPA Method 8015M/D: Diesel Range Organics SampType: MBLK Client ID: PBS Batch ID: 54907 RunNo: 71526 Prep Date: 9/2/2020 SeqNo: 2502753 Analysis Date: 9/4/2020 Units: %Rec SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Qual Analyte Result LowLimit

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 3 of 6

Hall Environmental Analysis Laboratory, Inc.

13

WO#: **2009002**

09-Sep-20

Client: SIMCOE/Cottonwood Consulting

Project: NEBU #17A

Surr: DNOP

Sample ID: MB-54907 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: PBS Batch ID: 54907 RunNo: 71526

Prep Date: 9/2/2020 Analysis Date: 9/4/2020 SeqNo: 2502753 Units: %Rec

10.00

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

30.4

154

126

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 4 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#: **2009002**

09-Sep-20

Client: SIMCOE/Cottonwood Consulting

Project: NEBU #17A

Sample ID: mb1 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: G71524 RunNo: 71524

Prep Date: Analysis Date: 9/1/2020 SeqNo: 2498901 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 980 1000 98.0 75.3 105

Sample ID: 2.5ug gro Ics SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: G71524 RunNo: 71524

Prep Date: Analysis Date: 9/1/2020 SeqNo: 2498902 Units: mg/Kg

HighLimit Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 5.0 25.00 n 76.8 72.5 106

Surr: BFB 1100 1000 105 75.3 105 S

Sample ID: 2009002-001ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range

Client ID: 5PC-TB @ 3.5' (45) Batch ID: G71524 RunNo: 71524

Prep Date: Analysis Date: 9/1/2020 SeqNo: 2498923 Units: mg/Kg

SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result PQL LowLimit HighLimit Qual Gasoline Range Organics (GRO) 17 3.6 17.84 0 94.5 61.3 114 Surr: BFB 790 713.8 75.3 105 S 110

Sample ID: 2009002-001amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range

Client ID: 5PC-TB @ 3.5' (45) Batch ID: G71524 RunNo: 71524

Prep Date: Analysis Date: 9/1/2020 SeqNo: 2498924 Units: mg/Kg

SPK value SPK Ref Val %REC %RPD Analyte Result **PQL** LowLimit HighLimit **RPDLimit** Qual Gasoline Range Organics (GRO) 17 3.6 17.84 93.8 61.3 114 0.722 20 Surr: BFB 790 713.8 111 75.3 105 0 0 S

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2009002**

09-Sep-20

Client: SIMCOE/Cottonwood Consulting

Project: NEBU #17A

Sample ID: mb1 SampType: MBLK TestCode: EPA Method 8021B: Volatiles

Client ID: PBS Batch ID: R71524 RunNo: 71524

Prep Date: Analysis Date: 9/1/2020 SeqNo: 2498939 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

 Benzene
 ND
 0.025

 Toluene
 ND
 0.050

 Ethylbenzene
 ND
 0.050

 Xylenes, Total
 ND
 0.10

Surr: 4-Bromofluorobenzene 0.99 1.000 98.8 80 120

Sample ID: 100ng btex Icsb SampType: LCS TestCode: EPA Method 8021B: Volatiles

Client ID: LCSS Batch ID: R71524 RunNo: 71524

Prep Date: Analysis Date: 9/1/2020 SeqNo: 2498940 Units: mg/Kg

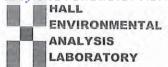
Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 1.000 0 92.3 Benzene 0.92 0.025 80 120 Toluene 0.94 0.050 1.000 0 94.4 80 120 Ethylbenzene 0.96 0.050 1.000 0 95.6 80 120 3.000 0 95.7 80 Xylenes, Total 2.9 0.10 120 Surr: 4-Bromofluorobenzene 1.000 100 1.0 80 120

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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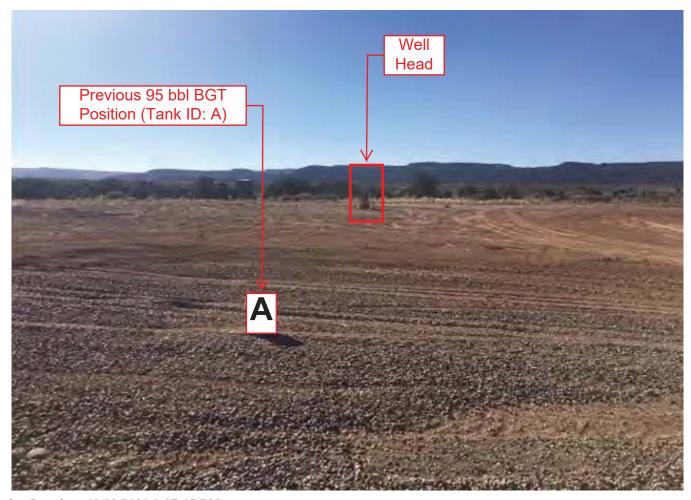
Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107
Website: elients.hallenvironmental.com

Sample Log-In Check List

Client Name:	SIMCOE/Cottenwood Consulting	Work Order Numb	er: 200	9002			RcptNo: 1
Received By:	Cheyenne Cason	9/1/2020 8:00:00 AM	Л				
Completed By:	Emily Mocho	9/1/2020 8:18:07 AM	A				
Reviewed By:	em alilio						
Chain of Cust	tody						
1. Is Chain of Cu	ustody complete?		Yes	V	No		Not Present
2. How was the	sample delivered?		Cou	rier			
Log In							
	pt made to cool the sam	nples?	Yes	V	No		NA 🗆
4. Were all samp	les received at a tempe	rature of >0° C to 6.0°C	Yes	V	No		NA 🗌
5. Sample(s) in p	proper container(s)?		Yes	V	No		
6, Sufficient samp	ple volume for indicated	test(s)?	Yes	V	No		
7. Are samples (e	except VOA and ONG) p	properly preserved?	Yes	V	No		
	ive added to bottles?	Call water and a such second	Yes		No	V	NA 🗆
9. Received at lea	ast 1 vial with headspac	e <1/4" for AQ VOA?	Yes		No		NA 🗹
10. Were any sam	ple containers received	broken?	Yes		No	V	
	rk match bottle labels? ncies on chain of custoo	dy)	Yes	V	No		# of preserved bottles checked for pH: (<2-or >12 unless noted)
	orrectly identified on Ch		Yes	V	No		Adjusted?
3. Is it clear what	analyses were requeste	ed?	Yes	V	No		alileo
	ng times able to be met? estomer for authorization		Yes	V	No		Checked by: win the
Special Handli	ing (if applicable)						
15. Was client not	tified of all discrepancies	s with this order?	Yes		No		NA 🗸
Person I	Notified:	Date:					
By Who	m:	Via:	eM	ail 🗀	Phone	Fax	☐ In Person
Regardin	ng:						
Client In	structions:						
16. Additional ren	narks:						
17. Cooler Inform Cooler No 1 2	Temp °C Condition 4.2 Good 3.2 Good	n Seal Intact Seal No Not Present Not Present	Seal D	ate	Signed E	Зу	





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 10894

CONDITIONS

·	
Operator:	OGRID:
SIMCOE LLC	329736
1199 Main Ave., Suite 101	Action Number:
Durango, CO 81301	10894
	Action Type:
	[C-144] PIT Generic Plan (C-144)

CONDITIONS

Created By	Condition	Condition Date
vvenegas	None	12/22/2021