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 provide a copy to the appropriate NMOCD District Office.

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

Type of action:	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 tanl	c, or proposed alternative method

Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.			
1. Operator: _J. C W///AMSON OGRID#: 0//158			
Address: Box 16 MAND TV			
Facility or well name: 20.55 ORAL 30			
API Number: 30-01536010 OCD Permit Number: U/L or Qtr/Qtr Section 27 Township 265 Range 30 E County: F004			
U/L or Qtr/Qtr Section 27 Township 26.5 Range 30 E County: FOO4			
Center of Proposed Design: Latitude 32.022378 ~ Longitude 103.870807 Lat. NAD: \$\footnote{1927} \Bigsq 1983			
Surface Owner: Federal State Private Tribal Trust or Indian Allotment			
Surface Owner: Federal State Private Tribal Trust or Indian Allotment State Private Tribal Trust or Indian Allotment			
Temporary: \(\text{Drilling}\) Workover			
Permanent Emergency Cavitation P&A			
Lined Unlined Liner type: Thickness 10 mil LLDPE HDPE PVC Other			
String-Reinforced			
Liner Seams: Welded Factory Other Volume: bbl Dimensions: L Oo x W OO x D 6			
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 Hauf-off Bins Other			
Lined Unlined Liner type: Thickness / LLDPE HDPE PVC Other			
Liner Seams: Welded Factory Other			
Below-grade tank: Subsection I of 19.15.17.11 NMAC			
Volume:bbl Type of fluid:			
Tank Construction material: Secondary containment with leak detection visible sidewalls, liner, 6-inch lift and automatic overflow shut-off			
Secondary containment with leak detection with leak detection is sidewalls, liner, 6-inch lift and automatic overflow shut-off			
☐ Visible sidewalls and liner ☐ Visible sidewalls only ☐ Other			
Liner type: Thicknessmil			
Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.			

No RECISTRATION ON FIRE FURTHER PIT

LOV: 2-08-174



Page 1 of 5

☐ Yes 🂢 No

☐ Yes ☑ No

Yes No

Yes 💢 No

US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site

Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological

Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division

Within the area overlying a subsurface mine.

Society; Topographic map

Within 500 feet of a wetland.

Within an unstable area.

Within a 100-year floodplain.
- FEMA map

iporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC istructions: 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 (A) 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:			
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 19.15.17.12 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:			
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)			
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 anached. 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 Clinatological 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 Erosion Control 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)			
Waste 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			

ste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: (19.15.17.13.D NMAC) istructions: Please indentify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more than two				
facilities are required. Disposal Facility Name: CONTROLLED RECOVERY IN Disposal Facility Permit Number: R9166				
Disposal Facility Name: Disposal Facility Permit Number:				
Will any of the proposed closed-loop system operations and associated activities occur on or in areas that will not be used for future service and operations? Yes (If yes, please provide the information below) \(\bar{\text{N}} \) No				
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 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 Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC				
17. 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 source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC for guidance.				
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 nearby wells	Yes No			
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 nearby wells	Yes No			
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			
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. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No			
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; Visual inspection (certification) of the proposed site	Yes P 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 FEMA map	☐ Yes ☐ No			
On-Site 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. 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 F of 19.15.17.13 NMAC Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of 19.15.17.11 NMAC 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 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 Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved) 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 G of 19.15.17.13 NMAC				

<u>crator Application Certification</u> : A hereby certify that the information submitted with this application.	plication is true, accurate and complete to the best of my knowledge and belief.	
Name (Print): AREII FOLMAR	Title: VROPFRATIONS	
Signature: Arell Jalman	Date:	
e-mail address:	Telephone: 436-6821797	
OCD Approval: Permit Application (including class)	c plan) Closure Plan (only) OCD Conditions (see attachment)	
OCD Representative Signature.	Approval Date: JAN 2 1 2009	
Title: ANV. SPEC	OCD Permit Number:	
21. Closure Report (required within 60 days of closure compliant instructions: Operators are required to obtain an approve The closure report is required to be submitted to the division section of the form until an approved closure plan has been	ed closure plan prior to implementing any closure activities and submitting the closure report. on within 60 days of the completion of the closure activities. Please do not complete this	
	Closure Completion Date:	
22. Closure Method: Waste Excavation and Removal On-Site Closure' If different from approved plan, please explain.	Method	
Instructions: Please indentify the facility or facilities for v two facilities were utilized.	Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than	
Disposal Facility Name:		
Disposal Facility Name:	Disposal Facility Permit Number:	
Were the closed-loop system operations and associated action. Yes (If yes, please demonstrate compliance to the iter	vities performed on or in areas that will not be used for future service and operations? ms below) No	
Required for impacted areas which will not be used for futu. Site Reclamation (Photo Documentation)	re service and operations:	
☐ Soil Backfilling and Cover Installation☐ Re-vegetation Application Rates and Seeding Techni	que ,	
14.		
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 applica Waste Material Sampling Analytical Results (require Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technic	uble) d for on-site closure)	
Site Reclamation (Photo Documentation) On-site Closure Location: Latitude	Longitude NAD:	
Operator Closure Certification: I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan. Name (Print): Title:		
Signature:	Date:	
e-mail address:	Telephone:	

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1	J.C. William son R10 30
/	ALL PROTOCOLS & PROCKOURES WILL BE
	Coaphoepwitz PER 19.15.17.18 NMA
	5 SAMPLES WILLER TRUER BY AN APPROVED
	LAB PER 19.15/7/3 NUAC
	ALL LIGHTO & SOLIO WASTE REMOVED WILL LETALING TO CRI # R. 9166
	11 YALL TO CRI 8-9166
	SUIL BACK FILL BIT WAS OKSIGNED TO
	pully ALL CUTTINGS ALL BACK KILL So, 2
	15 ON LOCATION DER 1915 1713 NMMC
	LOCATION WILL BE RESEEDED Y CONTOURED
	DER BLM REGULATION I USing I SEED
	MIXYURE 19151218 NMAC
	Complose with (PER BLM) NM 19,15,17,13.
	Conflicto with (PER Bum) NM 19,15,17.13.
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New Mexico Energy, Minerals and Natural Resources Department

Bill Richardson

Governor

Joanna Prukop Cabinet Secretary Reese Fullerton Deputy Cabinet Secretary Mark Fesmire
Division Director
Oil Conservation Division



February 21, 2009

JC Williamson Ross Draw Unit 030 30-015-36010 27-26-30 Eddy County, New Mexico

Conditions of approval for closure of drilling pit

Notify OCD District 2 office 48 hours prior to commencement of closure activities.

Notify OCD District 2 office 48 hours prior to obtaining samples where analyses of samples obtained are to be submitted to OCD.

Sampling requirements as listed in 19.15.17.13 [NMAC] (Pit Rule) are to be adhered to.

Final closure report is to be submitted to OCD not later than 60 days after completion of closure.

Pit is to be closed per NMOCD Rules and Regulations not later than February 23, 2009 with final closure report submitted not later than April 23, 2009.

