EDistrict L
1625 N. French Dr., Hobbs, NM 88240
District IL
1301 W. Grand Avenue, Artesia, NM 88210
District IIL
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

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 2012 FEB - 5 A 10: 1.5
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 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: Red Willow Production Company OGRID#: 81295
Address: P.O. Box 369, Ignacio, Colorado 81137
Facility or well name: NC Ute 23D #2H
API Number: 30-039-31020 /05-007-06305 OCD Permit Number:
U/L or Qtr/Qtr I Section 9 Township 32N Range 04W County: Rio Arriba
Center of Proposed Design: Latitude 36.99879 Longitude -107.25266 NAD: ☐1927 ☒ 1983
Surface Owner: 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: Thicknessmil LLDPE HDPE PVC Other String-Reinforced Liner Seams: Welded Factory OtherVolume:bbl Dimensions: Lx Wx D
Z 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 X Above Ground Steel Tanks X Haul-off Bins □ Other □ Lined □ Unlined Liner type: Thickness mil □ LLDPE HDPE PVC □ Other Liner Seams: □ Welded □ Factory □ Other
Below-grade tank: Subsection I of 19.15.17.11 NMAC Volume:
Liner type: Thicknessmil LLDPE HDPE PVC Other
5. Alternative Method: Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

Fencing: Subsection D of 19.15 17.11 NMAC (Applies to permanent pits, temporary pits, and below-gue tanks)		
Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, scho institution or church)	ol, hospital,	
Four foot height, four strands of barbed wire evenly spaced between one and four feet		
Alternate. Please specify		
7. 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 19.15.3.103 NMAC		
9.		
Administrative Approvals and Exceptions: Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.		
Administrative approval(s): Requests must be submitted to the appropriate division district or the Santa Fe Environmental Bur consideration of approval.	eau office for	
Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.		
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 ac material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the applice or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to drabove-grade tanks associated with a closed-loop system.	propriate district of 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; Acrial 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	
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-g. Ade Tanks Permit Application Attachment Check
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 19.15.17.11 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:
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 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 Liner Specifications and Compatibility Assessment - based upon Quality Control/Quality Assurance Construction and Installation Plan the appropriate requirements of 19.15.17.11 NMAC Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Nuisance or Hazardous Odors, including H2S, 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 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

Waste Removal Closure For Closed-loop Sys That Utilize Above Ground Stellinstructions: Please indentify the facility or factimes for the disposal of liquids, drillifacilities are required.	rel Tanks or Ha TBins Only: (19.15.17.13.D) ing fluids and drive cuttings. Use attachment if more	
Disposal Facility Name: Dispo	•	
Disposal Facility Name: Dispo	sal Facility Permit Number:	
Will any of the proposed closed-loop system operations and associated activities occu operations? Yes (If yes, please provide the information below) No	r on or in areas that will not be used for future serv	rice and
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 I Re-vegetation Plan - based upon the appropriate requirements of Subsection I Site Reclamation Plan - based upon the appropriate requirements of Subsection	equirements of Subsection H of 19.15.17.13 NMA of 19.15.17.13 NMAC	С
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 cloprovided below. Requests regarding changes to certain siting criteria may require a be considered an exception which must be submitted to the Santa Fe Environmental and/or demonstrations of equivalency are required. Please refer to 19.15.17.10 NM.	dministrative approval from the appropriate distr I Bureau office for consideration of approval. Ju	rict office or maj
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 of	obtained from nearby 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 of	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 of	obtained from nearby wells	☐ Yes ☐No ☐ NA
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significance (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	icant watercourse or lakebed, sinkhole, or playa	Yes No
Within 300 feet from a permanent residence, school, hospital, institution, or church in Visual inspection (certification) of the proposed site; Aerial photo; Satellite i		☐ Yes ☐No
Within 500 horizontal feet of a private, domestic fresh water well or spring that less th watering purposes, or within 1000 horizontal feet of any other fresh water well or spring - NM Office of the State Engineer - iWATERS database; Visual inspection (co	ng, in existence at the time of initial application.	☐ Yes ☐ No
Within incorporated municipal boundaries or within a defined municipal fresh water wadopted pursuant to NMSA 1978, Section 3-27-3, as amended. Written confirmation or verification from the municipality; Written approval	i	☐ 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 minc Written confirmation or verification or map from the NM EMNRD-Mining a	nd Mineral Division	☐ Yes ☐No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology of Society; Topographic map	& Mineral Resources; 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 for by a check mark in the box, that the documents are attached.	ollowing items must be attached to the closure plan	n: Please indicat
Siting Criteria Compliance Demonstrations - based upon the appropriate requirem Proof of Surface Owner Notice - based upon the appropriate requirements of Subs Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - Protocols and Procedures - based upon the appropriate requirements of 19.15.17.1 Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subset Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cure Soil Cover Design - based upon the appropriate requirements of Subsection H of 1 Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 1	ection F of 19.15.17.13 NMAC riate requirements of 19.15.17.11 NMAC based upon the appropriate requirements of 19.15. 3 NMAC ents of Subsection F of 19.15.17.13 NMAC ection F of 19.15.17.13 NMAC attings or in case on-site closure standards cannot be 19.15.17.13 NMAC	
Site Reclamation Plan - based upon the appropriate requirements of Subsection G		

Operator Application Certification: I hereby certify that the information submitted with this application is true, accurate	and complete to the best of my knowledge and belief.
Name (Print): Dennis Corkran	Title: Drilling & Production Manager
Signature:	Date: 1/31/2012
e-mail address: dcorkran@rwpc.us	Telephone: 970-563-5163
OCD Approval: Permit Application (including closure plan) Clos OCD Representative Signature:	sure Plan (only) OCD Conditions (see attachment)
	Approval Date: 2/15/2012 D Permit Number:
Closure Report (required within 60 days of closure completion): Subsection K Instructions: Operators are required to obtain an approved closure plan prior to i report. The closure report is required to be submitted to the division within 60 day complete this section of the form until an approved closure plan has been obtained	implementing any closure activities and submitting the closure as of the completion of the closure activities. Please do not all and the closure activities have been completed.
	🗷 Closure Completion Date: 12/10/11
Closure Method: Waste Excavation and Removal On-Site Closure Method Alternative Color of the If different from approved plan, please explain.	Closure Method 🗷 Waste Removal (Closed-loop systems only)
Closure Report Regarding Waste Removal Closure For Closed-loop Systems Ti Instructions: Please indentify the facility or facilities for where the liquids, drilling than two facilities were utilized. Disposal Facility Name:IEI/JFJ Landfarm Disp	nat Utilize Above Ground Steel Tanks or Haul-off Bins Only: g fluids and drill cuttings were disposed. Use attachment if more osal Facility Permit Number: NM-01-0010B
Disposal Facility Name: Bondad WCA Disp	osal Facility Permit Number: CRS-30-20112
Were the closed-loop system operations and associated activities performed on or in Yes (If yes, please demonstrate compliance to the items below) x No	areas that will not 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) Boil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique	s:
24	
Closure Report Attachment Checklist: Instructions: Each of the following items 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 Longitude	NAU. 🗆 1927 🗀 1983
Operator Closure Certification: 1 hereby certify that the information and attachments submitted with this closure repbelief. I also certify that the closure complies with all applicable closure requirement	
Name (Print): Dennis Corkran	Title: Drilling & Production Manager
Signature:	Date: 1/31/2012
dcorkran@rwpc.us	970-563-5163

Submit to Appropriate District Office Five Copies District I 1625 N French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III

1000 Rio Brazos Rd., Aztec, NM 87410

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

District IV.

Signature S

E-mail address dcorkran@rwpc.us

Printed

Name Dennis Corkran

State of New Mexico Energy, Minerals and Natural Resources

Form C-105 July 17, 2008

OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

1. WELL API NO. 30-039-31020 35-007-06305

2. Type Of Lease

STATE FEE FED/INDIAN

Title Drill Prod Mngr Date 1/31/12

3. State Oil & Gas Lease No.

WELL	COMPLETIO	N OR RECOMP	PLETION REPOR	I AND LOG

WELL COM	PLETIÓN OR REC	COMPLETION	REPORT AN	ND LOG	27.74	(突起)等。2	The state of	2 12 32	137
4. Reason for filing:					5. Lea	sc Name or Ut	nit Agreement Na	ime	
COMPLETION	N REPORT (Fill in boxe	s#1 through#31 fo	r State and Fee w	ells only)	NC U	Jte 23D			
C-144 CLOSUI #33; attach this and the	RE ATTACHMENT (Fi	II in boxes #1 throu report in accordan	gh #9, #15 Date R ce with 19.15.17.	ig Released and #3	2 and/or	II Number #2H			
9. Type of Completion NEW WELL		DEEPENING [] PLUGBACK	☐ DIFFERENT	RESERVOIR	OTHER	closed l	closur	æ
8. Name of Operator						GRID Number			
Red Willow Pr						81295			
10 Address of Operat				•		ool name or V			
P O Box 369 12. Location Unit		rdo 81137 Township	Range	I at San		ilorado 97	n the E/W Line	County	
Surface:		•		Lot -ee	t from the N/S Li	ne rection	in the 15/44 Line	County	
BH:	I 09	32N	04W						
13. Date Spudded	14. Date T.D. Reached	15. Date Rig 12 10		16. Date C	ompleted (Ready to	Produce)	17. Elevations RT, GR, etc.)	(DF & RKB	,
18 Total Measured De	epth of Well		k Measured Depth	20. Was D	irectional Survey M	lade 21.	Type Electric and	Other Logs	3 Run
22. Producing Interval	(s), of this completion - 'l	op, Bottom, Name							
23 CASING SIZE	WEIGHT LB./FI			ort all string HOLE SIZE		I'ING RECOR	RD AMO	DUNT PULI	LED
24 SIZE		INFR RECOR	D SACKS CEMEN	T SCREEN	25 SIZE		R F COR D PTH SET	PACKER S	ET
26. Perforation record	(interval, size, and numb	per)		27. ACID S Depth inti	HOT FRACTUI FRVAI AM		T S PEZE E		
28			DDODI	ICTION					
Date First Production	Production	Method (Flowing,			np)	Wo	ell Status (Prod. o	r Shut-in)	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	. Water - Bbl	I Gas - O	il Ratio	•
Flow Tubing Press.	Casing Pressure	Calculated 24- Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil	Gravity - API -/0	Corr.)	
29 Disposition of Gas	(Sold, used for fuel, ven	ted, etc.)				30. Test Witn	essed By		
31. List Attachments									
32. If a temporary pit w	vas used at the well, attac	h a plat with the loc	cation of the tempo	orary pit.					
33. If an on-site burial	was used at the well, repo	ort the exact location	n of the on-site bu Latitude	rial;	Lor itude		NAD:	1927 1	983
I hereby certify that i	the information shown	on both sides of t		and complete to		owledge and		.,., 1	- 05

closed Loop



Pit Inspection Log Sheet

(daily while rig is on-site, then weekly as long as liquids remain in the pit)

Well Name: NC UT	23 D 2 H AP	1: 3003931020
Name (Print): Dew My A	12 Signature: Juxayne	5)/
Note Any Deficiencies:	P. L	
Name (Print):	Signature:	Date:
Note Any Deficiencies:		
Name (Print):	Signature:	Date:
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Name (Print):	Signature:	Date:
Note Any Deficiencies:		
Name (Print):	Signature avaijue	Blancet Date: 12/10/20
Note Any Deficiencies: No F	2 +	12/10/

RIG RELEASED 12/10/11