<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-144 CLEZ Revised August 1, 2011

For closed-loop systems that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure, submit to the appropriate NMOCD District Office.

Closed-Loop System Permit or Closure Plan Application

(that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure)

ermit Closure Type of action:

Instructions: Please submit one application (Form C-144 CLEZ) per individual closed-loop system request. For any application request other than for a closed-loop system that only use above ground steel tanks or haul-off bins and propose to implement waste removal for closure, please submit a Form C-144.

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.					
ı. Operator: <u>ALAMO PERMIAN RESOURCES, LLC</u> OGRID #: 274841					
Address: 415 W. WALL ST., SUITE 500 MIDLAND, TX 79701					
Facility or well name: COWTOWN UNIT 202					
API Number: 30-015-41018 OCD Permit Number: 214012					
U/L or Qtr/Qtr M Section 13 Township 18S Range 28E County: EDDY					
Center of Proposed Design: Latitude 32,4434993 Longitude 104.0809030 NAD: ☐1927 ☐ 1983					
Surface Owner: Federal State Private Tribal Trust or Indian Allotment					
2. □ Closed-loop System: Subsection H of 19.15.17.11 NMAC Operation: □ Drilling a new well □ Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent) □ P&A □ Above Ground Steel Tanks or □ Haul-off Bins					
Signs: Subsection C of 19.15.17.11 NMAC MAY 2 2 2013					
☐ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers					
☐ Signed in compliance with 19.15.16.8 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. 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 Box 5) - 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: S. Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: (19.15.17.13.D NMAC) Instructions: 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: CRI 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) 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 I of 19.15.17.13 NMAC Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC					
6. 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): CARIE STOKER Title: REGULATORY AFFAIRS COORDINATOR					
Signature:					
e-mail address: <u>cstoker@helmsoil.com</u> Telephone: <u>432 664 7659</u>					

OCD Approval: Permit Application (including closure lan) Closure	Ptan (only)					
OCD Representative Signature:	Approval Date: 2/21/20/3					
Title: DST PSpewisn	Approval Date: 221/2013 OCD Permit Number: 214012					
Closure Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed. Closure Completion Date:						
Closure Report Regarding Waste Removal Closure For Closed-loop System Instructions: Please identify the facility or facilities for where the liquids, dri two facilities were utilized. Disposal Facility Name:	illing fluids and drill cuttings were disposed. Use attachment if more than					
Disposal Facility Name:						
Were the closed-loop system operations and associated activities performed on or in areas that will not be used for future service and operations? Yes (If yes, please demonstrate compliance to the items below) No						
Required for impacted areas which will not be used for future service and operation Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique	ations:					
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:					

Alamo Permian Resources Actual Wellbore Diagram Cowtown #202 WELL NAME: LOCATION: FIELD: Artesia (Qn-Grbg-SA) Eddy STATE: 760' FSL & 810' FWL, Sec 13, T-18-S, R-28-E - Unit M COUNTY: Lat 32° 44' 34,993" N. ong 104° 08' 09,030" W ELEVATION: GL = 3543'; KB = 3555' (12' KB Corr) SPUD DATE: 3/11/2012 COMP DATE: API# 30-015-41018 PREPARED BY M Stewart WEIGHT HOLE SIZE SIZE CEMENT / TOC DEPTH GRADE THREAD 175 sx lead, 175 sx tail; TOC @ 250', Perf @ 235'. Sqx w/ 225 sx. TOC @ 150', 1" w/ 75 sx. Circ 10 sx. TOC Surface 700 sx lead, 165 sx tail; Surface. Circ 213 sx. 402 J-55 ST&C CASING 12-1/4" 8-5/8" 24# CASING: 3112 7-7/8" 5-1/2" 17 # LS J-55 CASING: TUBING: Actual <u>Hole Size</u> Formation Tops & Depths Casing & Cement Lead: 175 sx. 35/85 Poz / C + 6% gel + 1% CaCl + .005 pps Static Free + 1/4 ppg celloflake 13.0 ppg, 1.73 cut/lsx. Tail: 176 sx. "C" + 2% CaCl + 1/4 pps celloflake + .005 pps SF 14.8 ppg, 1.35 cut/lsx. Lost all returns went started displacement. TOC - 250 FS Temp Survey Perf 4 sqx holes @ 235* Pump: 225 sx. "C" + 4% CaCl w/ no returns. 14.8 ppg, 1.35 cut/lsx. TOC - 150 FS Temp Survey 1" w/ 75 sx. "C" w/ 4% CaCl. Circ 10 sx (2.5 bbls) TOC - Surface 12-1/4" 8-5/8" CSG @ 402' (log) Yates 822 Seven Rivers 1167 7-7/8" Bowers SS 1598 Queen 1807 Penrose 2073 Loco Hill SS 2286 Grayburg 2300 Metex 2396 Premier SS 2529 Lead: 700 sx 50/50 "Poz/ C+10% gel+ 0.5% SMS + 5% Salt ++1/4 ppg celloflake +.005 pps SF 12.1 ppg, 2.24 cut/sx Tail: 165 sx Class "C' w 2% CaCl+.005 pps SF 14.8 ppg, 1.34 cut/sx Circ 213 sx, (85 bbls to pit) San Andres 2606 Lovington SS 2732 San Andres Jackson 2830 pit) TOC - Surface

5-1/2" CSG @ 3,112' (pipe tally)

PBTD @ 3,068' (CH logger)

TD @ 3,120' (Driller) TD @ 3,117' (OH logger) District.1 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 Qistrict II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 District III 1000 Rio Brazos Road, Aztec, NM \$7410 Phone; (505) 334-6178 Fax; (505) 334-6170 District IV 1220 S. St. Francis Dr., Santa Fe, NM \$7505 Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

		γ.	ابا بابابا ۱	JUATIO	N AND ACE	CENGE DEDIC	SALIO	4 L MV 1		
30-0	API Numbe	1012	8 3	Poul Cod	A _r	tesia;	0-0	Pool Name		
* Property	Property Code Property Name Well Number							Well Number		
18205	78	COWTOWN 202						202		
COCRID	No.		* Operator Name						⁹ Elevation	
27484	1	ALAMO PERMIAN RESOURCES, LLC 3542.8						3542.8		
* Surface Location										
UL, or lat no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet fro	m the East/	West line	County
M	13	18 S	28 E		760	SOUTH	81	o w	EST	EDDY
" Bottom Hole Location If Different From Surface										
EL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet fro	m the East/	West line	County
12 Dedicated Acres	i ¹³ Joint or	r Infill 14 C	onsolidation	Code 15 ()	l rder No.		<u> </u>			
No allowable v	vill be ass	igned to th	is complet	tion until a	ll interests have	been consolidated	or a non-	standard unit l	ias been ap	pproved by the
DNF				ONF	Ī	0	ONF /A			IFICATION ad herein is true and comple

	DNF	DNF DNF	DNF	"OPERATOR CERTIFICATION
	1	1	1	I hereby certify that the information contained herein is true and complete
1	1			to the best of my knowledge and belief, and that this organization either
		1]	owns a working interest or unleased mineral interest in the land including
l	†			the proposed bottom hole location or has a right to drill this well at this
			1	location pursuant to a contract with an owner of such a mineral or working
				interest, or to a voluntary pooling agreement or a compulsory profing
		_ _ _		order heretofore entered by the division.
				Care Storon 2 1313
				Caria Stoker
		·		cstaker@holmsoilcom
ļ	W/4 CORNER SEC. 13 -LAT =- 32:44:53:546"N			r-man Address
	LONG. = 104'08'18.545"W	;		OUDLIEU CO COORDINATION
1	'	 		SURVEYOR CERTIFICATION
,	<u> </u>	1	:	I hereby certify that the well location shown on this
S	!	; ;		plat was plotted from field notes of actual surveys
S00'11'2		' 		made by me or under mysupply tsion, and that the
1.2	· '			To the second of
7"E	<u>'</u>	!		JUNE 12-2012. W ME 12-2012.
13	SW CORNER SEC. 13	CONTOWN 202		
647	LAT. = 32'44'27.357"N LONG. = 104'08'18.498"W	ELEV. = 3542.8'		Date of Survey
.30	•	LAT. = 32'44'34.995"N (NAD83) LONG. = 104'08'09.030"W		
ת	810' SURI	1		1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		ATION	1 /	Signature and Seal of Professional Surveyor
	, 760	S/4 CORNÉR SEC. 13	Y	Certificate Number (TIEANON) JAKAMILLO, PLS 12797
:	,	LAT. = 32' \(\frac{1}{2}\)4'27.726"N \\ LONG. = 104'07'48.395"W	DNF	7770 (ANO 3.11 111111111111 SURVEY NO. 1143
	N89'03'46"E			.,,,,
	1703 03 40 L		fi	