Districa I 1625 N. French Dr., Hobbs, NM 88240

District II 4811 S. First St., Artesia, NM 88210

District III 1000 Rio Brazos Rd., Aztec, NM 87410

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

State of New Mexico Energy, Minerals & Natural Resources

Form C-104 Revised August 1, 2011

Oil Conservation Division Division Oil Conservation Division

1220 South St. Francis Dapp 1 1 2019 AMEND

and Fe, NM 87505 Santa Fe, NM 87505

REQUEST FOR ALLOWABLE AND ALLOWAB

	1.		LQUI	SIFC	IN ALI	OWADLE	ANDAB			E TYLY	10	11111	SI OKI		
Operator n						/	OGRID Number 240974								
PO BOX 10		VES	UPER	ATING					<sup>3</sup> Reason for Filing Code/ Effective Date						
MIDLAND	, TX 7	79702		<u> </u>						RC/02-12-2019 6 Pool Code					
<sup>4</sup> API Numb 30 – 025-0		/	5 Pool	Name	1	LEA; DELAV	VARE, NE				° Po	ool Code	37584		
<sup>7</sup> Property C			<sup>8</sup> Prop	perty Nan	ne	T TO A TI	NIT		9 Well				Number		
302 II. <sup>10</sup> Su		ocati	on			LEA U	NII						9		
Ul or lot no. B		n Tow		Range 34E	Lot Idn	Feet from the 660	North/South line   Feet from the   E					East/West line County LEA			
<sup>11</sup> Bo	ttom F	lole L	ocatio	n On											
Ul or lot no.	Section	n Tow	vnship	Range	Lot Idn	Feet from the	North/South	th/South line   Feet from the   E				East/West line County			
12 Lse Code F	13 Prod	lucing M Code P	ethod		onnection	<sup>15</sup> C-129 Peri	nit Number	16 C	C-129 Ef	fective D	ate	<sup>17</sup> C	-129 Expiration Date		
III. Oil	and G	as Tra	anspo	rters					•						
<sup>18</sup> Transpor OGRID						<sup>19</sup> Transpor and Ac							<sup>20</sup> O/G/W		
34053					PI	LAINS MARI	KETING, L.	P.					OIL		
04/20	_					AS, STE. 700,	· · · · · · · · · · · · · · · · · · ·	<u> </u>					CAS		
24650 TARGA MIDSTRE							IVI SERVIC	rs Li	LC			ļ	GAS		
· · ·				1000 L	OUISIA	NA, STE. 47	00, HOUST	ON, T	ΓX 770	02					
													.c. / .		
													· · ·		
IV. Wel	l Com	pletio	n Data	a							•				
<sup>21</sup> Spud Da 01/23/201	ate	22	Ready 2/12/2	Date		<sup>23</sup> TD 4,408'	<sup>24</sup> PBTD 9,300'						<sup>26</sup> DHC, MC		
<sup>27</sup> <b>H</b> c	ole Size			28 Casing	& Tubir	ıg Size	<sup>29</sup> De	pth Se	et			<sup>30</sup> Sa	<sup>30</sup> Sacks Cement		
17	1/2"			1	13 3/8"		865'				725 sx				
12	2 1/4"				9 5/8"		5508'				3376 sx				
8	3/4"				7"		14,	,318'				1	1250 sx		
					2 7/8"		8,221'								
V. Well															
31 Date New 02/19/201			Delive 2/17/20	ery Date 019	1	Test Date /21/2019	<sup>34</sup> Test 24 F		h	_	Γbg. Pressure 400		<sup>36</sup> Csg. Pressure 40		
<sup>37</sup> Choke S	ize		<sup>38</sup> Oil 66		35	Water 71	<sup>40</sup> Gas 28				41 Test Method Pumping				
been complied	l with an	id that (	the info	rmation g	iven abov	Division have e is true and			OIL CC	NSERV	ATIO	N DIVIS	ION		
complete to th Signature:	best of	f my Ki	ovledg	ge and beli	ef.		Approved by:	4.	L <b>4</b>	$\mathcal{A}_{0}$	2	10			
Printed name:	will						Title:	2 X	ren		<u>lar</u>	ردر			
	LAUR	RA PIN	NA.				(	<b>D</b> )1	all	71 \a	<u>~</u>				
		LIAN	CE C	OORDIN	NATOR		Approval Date	4	-12-	.19					
E-mail Addres		glegac	ylp.co				$\wedge$		$\sim$		_		•		
Date: <b>04</b> /0	5/2019	)	Pho		2-689-52	00	Provi	de	X	w	Ca	ptu	re Plan		
									U						

Form 3160-5 (June 2015)

## UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 20

ORM APPROVED	COPY
MB NO. 1004-0137 ires: January 31, 2018	

Ri	JREAU OF LAND MANAGI	EMENT			<del>,                                     </del>	11tdary 51, 2010				
	NOTICES AND REPORT		ELLS		5. Lease Serial No. NMNM053434					
	s form for proposals to di ii. Use form 3160-3 (APD)				6. If Indian, Allottee o	or Tribe Name				
SUBMIT IN	RIPLICATE - Other instru	ıctions on	page 2		7. If Unit or CA/Agree	eement, Name and/or No.				
Type of Well     Gas Well □ Oth	er	· · · · · · · · · · · · · · · · · · ·			8. Well Name and No. LEA UNIT 9					
2. Name of Operator	Contact: D.	. PATRICK	DARDEN, PE		9. API Well No.					
LEGACY RESERVES OPERA					30-025-02432					
3a. Address 303 W WALL STE 1800 MIDLAND, TX 79701	Î	3b. Phone No Ph: 432-68	o. (include area code) 39-5200 Ext: 523	7	10. Field and Pool or I LEA;	Exploratory Area				
4. Location of Well (Footage, Sec., T.	, R., M., or Survey Description)			11. County or Parish,	State					
Sec 13 T20S R34E NWNE 66	0FNL 2130FEL			LEA CO COUN	TY, NM					
12. CHECK THE AF	PROPRIATE BOX(ES) TO	O INDICA	TE NATURE O	F NOTICE	L , REPORT, OR OTH	IER DATA				
TYPE OF SUBMISSION	·		TYPE OF	ACTION	· · · · · · · · · · · · · · · · · · ·					
□ Notice of Intent	☐ Acidize	☐ Dee	pen	☐ Produc	tion (Start/Resume)	■ Water Shut-Off				
☑ Subsequent Report	☐ Alter Casing		Iraulic Fracturing	☐ Reclam		☐ Well Integrity				
	Casing Repair	_	v Construction	Recom     □	•	Other				
☐ Final Abandonment Notice	☐ Change Plans ☐ Convert to Injection	Plug Plug	g and Abandon	☐ Tempo	rarily Abandon					
					proposed work and approximate duration thereof.					
02/04/19 Acidize perforations 02/05-06/19 Testing well. 02/08/19 RIH w/production eq 02/12/19 RWTP in Delaware z	uioment.	als of 7.5%	acid.		·					
14. I hereby certify that the foregoing is	true and correct. Electronic Submission #46 For LEGACY RESE	0178 verifie RVES OPE	d by the BLM Wel RATING LP, sent	I Informatio to the Hobb	n System s					
Name (Printed/Typed) D. PATRIC	CK DARDEN, PE		Title SR ENG	INEERING	ADVISOR					
Signature (Electronic S	submission)	Date 04/03/2019								
	THIS SPACE FOR	R FEDERA	L OR STATE	OFFICE U	SE					
	<del></del>									
Approved By  Conditions of approval, if any, are attached certify that the applicant holds legal or equivalent would entitle the applicant to conductive the applicant to	itable title to those rights in the su	ot warrant or ubject lease	Title	anding BL	M approvals will wed and scanned :	Date				
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent s		any matter	Subsequently	be reviev	ved and scanned :	agency of the United				
(Instructions on page 2) ** OPERA1	OR-SUBMITTED ** OP	ERATOR-	. ンハつUBMITTED **							

COPY

Form 3160-4 (August 2007)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010

	WELL (	COMPL	ETION C	R RE	COMP	LETIO	N REP	PORT	AND L	LOG			ease Serial IMNM053			
la. Type of	_	Oil Well	_		Dry	Otl		D Dluc	Dook	C Diff	D cours	6. If Indian, Allottee or Tribe Name				
b. Type of	Dee of Completion								Kesvr.	7. Unit or CA Agreement Name and No.						
	Name of Operator Contact: D. PATRICK DARDEN, PE LEGACY RESERVES OPERATING LP-Mail: pdarden@legacylp.com												Lease Name and Well No.     LEA UNIT 9			
3. Address 303 W WALL ST STE 1800 3a. Phone No. (include area code) MIDLAND, TX 79701 Ph: 432-689-5200 Ext: 5237											9. API Well No. 30-025-02432				02432	
4. Location	of Well (Re	port locati		d in acc	ordance v	with Feder							Field and P		Explorator	
At surfa	ce NWNE	660FNL	. 2130FEL									11. 3	Sec., T., R.	, M., o	r Block and T20S R34E	Survey
At top p		: 13 T20S	elow S R34E Mer NL 2130FE									12. (	County or I		13. St	ate
14. Date Spudded 01/23/2019  15. Date T.D. Reached 02/12/2019  16. Date Completed □ D & A ☑ Ready to Prod. 02/12/2019											Elevations	(DF, K 554 GL	(B, RT, GL)	*		
18. Total D	epth:	MD TVD	14408 14408		19. Plu	g Back T.I		MD TVD		300 300	20. De	pth Bri	dge Plug S	Set:		150 150
21. Type E	lectric & Oth	er Mechai	nical Logs R	un (Sub	mit copy	of each)					well core DST run?	d?	X No X No		s (Submit a	
23. Casing ar	nd Liner Reco	ord (Repo	ort all strings	set in w	vell)					Dire	ctional Su	rvey?	<b>⊠</b> No	□ Ye	es (Submit a	nalysis)
Hole Size	23. Casing and Liner Record (Report at Hole Size Size/Grade Wi		Wt. (#/ft.)	To (MI	рЕ	Bottôm (MD)	Stage Ce Dep			of Sks. & of Cement	Slurry (BE		Cement	Top*	Amour	ıt Pulled
17.500	1	13.375 9.625	48.0 40.0	1	0	865				72 337					1	
<u>12.250</u> 8.750	t -	7.000	29.0	1	0	5508 14318			,	125				6340		<del>/</del>
		.,,,,,														
24. Tubing	Record			<u> </u>					L				<u> </u>			
	Depth Set (M	1D) P:	acker Depth	(MD)	Size	Depth	Set (MD	) P	acker De	pth (MD)	Size	De	pth Set (M	1D)	Packer De	pth (MD)
2.875		8221	$\overline{}$			100										
25. Produci		1	Т	Т	D-44		Perforation			— т	C:	т,	Na Halaa	т —	Dark Sta	
A)	ormation DELAV	/ARE	Тор	8025	Botton 8	034	Pen	iorated	Interval 8025 T	O 8034	Size	+	No. Holes 20	OPE	Perf. Sta	tus
B)																
C)																
D)	т	Co.												<u> </u>		
	racture, Treat Depth Interva			e, etc.				Ar	mount an	d Type of	Material					
			034 ACIDIZE	E W/600	GALS 7.	5% HCL A	CID		nount un	u Type or	***************************************					
28. Product	ion - Interval	A	<u>. l</u>										<del>. , ,                                 </del>			
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	В		Oil Gr Corr. /		Gas Gravi	ty	Product	ion Method	0.71	150	
02/17/2019 Choke	02/21/2019 Tbg. Press.	Csg.	24 Hr.	66.6 Oil	Gas	28.0 W	71.0 ater	Gas:O	il	Weil	Status			OTH	IER .	
Size		Press. 40.0	Rate	BBL 66	MCF			Ratio	424		POW					
	tion - Interva															
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF		ater 3L	Oil Gr Corr. /		Gas Gravi	-		ion Method		-	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF		ater 3L	Gas:O Ratio	il ,	Well	Status			4 7	and sca	s will
(See Instruct		es for ad	ditional data	on reve	rse side)					<b>-</b> '			nding B	LIVI S	and sca	Ulies -
ELECTRO	NIC SUBMI:	SSÍON #4		IFIED	BY THE					SYS D * DO	cumen	rs Pe	be revi	6MEC	~	
	(	JEKA	10K-3UI	DIA() [	1 EU	OPEK/	41UK-	-3UBI	MIII I E	SI	ibsequ <sup>6</sup>	Simi			and sca	

28b. Produ	ction - Interv	al C												
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Grav		Production Method				
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Wel	Il Status	tatus				
28c. Produ	ction - Interv	al D					_	·						
Date First Produced	Test Date	Hours Tested	. Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Grav		Production Method				
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gaś MCF	Water BBL	Gas:Oil Ratio	Wel	II Status	Status				
29. Dispos SOLD		old, used	for fuel, vente	ed, etc.)	<u> </u>	<del>. 4</del> .								
Show a tests, in	all important 2	ones of p	clude Aquifer orosity and co tested, cushio	ntents there	of: Cored tool open	intervals and , flowing and	all drill-stem   shut-in pressure	es	31. For	mation (Log) Markers				
1	Formation		Тор	Bottom		Description	ons, Contents, et	ic.		Name	Top Meas. De	pth		
32. Additio	onal remarks (	include p	lugging proce	dure):										
33. Circle	enclosed attac	hments:												
1. Elec	ctrical/Mecha	nical Logs	s (1 full set reg g and cement	• •		<ol> <li>Geologic</li> <li>Core Ana</li> </ol>	-		3. DST Rep 7 Other:	9. d	4. Directional Survey			
		v	U	onic Submi For LEGA	ission #460	0546 Verifie	d by the BLM \ ERATING LP,	Well Infor	mation Sys e Hobbs	records (see attached stem.  ADVISOR	nstructions):			
ivame (	piease print)	D. PAIR	NON DARDE	IN, FE			rue <u>s</u>	OK ENGI	NEERING	ADVISOR				
Signati	ure	(Electror	nic Submissi	on)			Date (	04/08/201	19					
Title 18 U. of the Unit	S.C. Section	1001 and false, fict	Title 43 U.S.0	C. Section 1:	212, make	it a crime for	r any person kno	wingly and	d willfully jurisdiction	to make to any departr	nent or agency			