District I 1625 N. French Dr., Hobbs, NM 88240 District II

811 S. First St. Artesia, NM 88210

#### State of New Mexico Energy, Minerals & Natural Resources

Form C-104 Revised August 1, 2011

District III 1000 Rio Brazos				Oil Conservation Division			Submit one copy to appropriate District Office			
District IV 1220 S. St. Francis Dr., Santa Fc, NM 87505				20 South St. Santa Fe, N	M 87505			AMENDED REPORT		
	I.	REQUI	EST FO	)R ALL	OWABLE	AND AUTHO	RIZATION	TO TRA	NSPORT	
Operator n AMEREDEV	OPERA	TING, LLC					<sup>2</sup> OGRID Nu	mber 3722	224	
5707 SOUTH AUSTIN, TX		ARKWAY E	BUILDIN	G 1, SUIT	E 275		<sup>3</sup> Reason for	Filing,Code/ E	Effective Date	
<sup>4</sup> API Numbe	er	5 Poo	Name					6 Pool Co	de	
30 - 025 - 44961 WC-02					<i>G</i> -09 526	3619C; WOL	FCAMP	98234		
7 Property Code 321646 321646 Property Name II. 10 Surface Location			Firethorn Fed Co	om 26 36 04	<sup>9</sup> Well Number 113H					
				····	<del></del>		<b></b>	·		
UI or lot no. N	Section 33	Township 25S	Range 36E	Lot Idn N	200	North/South Line SOUTH	1700	East/West I West	ine County LEA	
					11 Bottos	m Hole Location				
L or lot no.	1	Township	Range	Lot Idn		North/South line	Feet from the		ine County	
N	9	268	36E	N	531	SOUTH	1623	West	LEA	
Lse Code		cing Method Code F	D	onnection late BD	<sup>15</sup> C-129 Peri NONE AS		C-129 Effective	Date 17	C-129 Expiration Date	
III. Oil a	and Gas	Transpor			I	I				
18 Transpor OGRID					<sup>19</sup> Transpor and Ad				<sup>20</sup> O/G/W	
35103		······································			Partners Marke	eting & Terminals L		0		
				PC	) Box 4933, Ho	uston, TX 77210				
373554			20329 ST		SALT CREEK I	MIDSTREAM FLOOR HOUSTO		G		
				211L/IIIG			JA, 174 77070			
372224		570	7 SOUTH			ERATING, LLC G 1, SUITE 275 A	USTIN, TX 787	35	w	
									garana <b>K</b>	
371677				4295	Mideon Gathering, LLC 4295 San Felipe St., Houston, TX 79027				o	
IV. Well	Compl	etion Data	1							
<sup>21</sup> Spud Da 7-11-2018	ite	<sup>22</sup> Ready 1-27-20	Date		<sup>23</sup> TD 21730 //89/	<sup>24</sup> PBTD 21717	<sup>25</sup> Perfora 19799-2171		<sup>26</sup> DHC, MC N/A	
<sup>27</sup> Ho	ole Size		<sup>28</sup> Casin	g & Tubir	g Size	<sup>29</sup> Depth Se	et	30	Sacks Cement	
1	7.5			13.375		1351			1150	
12	2.25		9.625			4685		1000		
8	:.75		7.625			10637		600		
6.75			5.5 Tubing - 2.375		5	21717 Tubing - 10776		1465		
V. Well	Test Da	ta								
31 Date New 2-1-19		<sup>2</sup> Gas Delive N/A	ry Date		Test Date			bg. Pressure 500	<sup>36</sup> Csg. Pressure 25	
<sup>37</sup> Choke Si 64	ize	<sup>38</sup> Oil 581	l	35	Water 1676	<sup>46</sup> Gas 1848		,,,,,,,	41 Test Method Flowing	
I hereby cert	tify that th	e rules of the	Oil Con	servation I	Division have		OIL CONSER	VATION DIVI	SION	

complete to the best of my knowledge and belief. Signature: Printed name: Title: Zachary Boyd Approval Date: Title: Operations Superintendent E-mail Address: zboyd@ameredev.com Date: Phone: Documents pending BLM approvals will 737-300-4700 2/26/2019 subsequently be reviewed and scanned

#### PBS OCD

Form 3160-5 (August 2007)

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

MAR 042019

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

SUNDRY NOTICES AND REPORTS ON WELRECEIVED of use this form for proposals to drill or to re-enter an

5. Lease Serial No. NMNM136233 6. If Indian, Allottee or Tribe Name

		o arm or to re-enter an PD) for such proposal					
SUBMI	T IN TRIPLICATE – Other i	instructions on page 2.		7. If Unit of CA/Agreement, Name and/or No.			
1. Type of Well  Oil Well  Gas V	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8. Well Name and No. FIRETHORN FED COM 26 36 04 113H					
2. Name of Operator AMEREDEV OPERATING LLC	2. Name of Operator				9. API Well No. 30-025-44961		
3a. Address 5707 Southwest Parkway, Building 1, Suite 275	Austin, TX 78735	3b. Phone No. <i>(include area cod</i> (737)300-4700	MO DOE O DO COCOCOO (MOLECAME				
4. Location of Well (Footage, Sec., T., Surface: SESW / 200 FSL / 1700 FWL / LAT 32 At Proposed prod. zone: SESW / 330 FSL / 170	R.,M., or Survey Description) .0801291 / LONG -103.2731308 0 FWL / LAT 32.0514554 / LONG -1		11. Country or Parish, State LEA, NM				
12. CHEC	CK THE APPROPRIATE BOX	X(ES) TO INDICATE NATURE	OF NOTIO	CE, REPORT OR OTHE	ER DATA		
TYPE OF SUBMISSION		TY	PE OF ACT	ION			
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	_	uction (Start/Resume)	☐ Water Shut-Off ☐ Well Integrity		
Subsequent Report	Casing Repair Change Plans	New Construction Plug and Abandon	_	omplete porarily Abandon	Other		
Final Abandonment Notice	Convert to Injection	Plug Back	☐ Wate	er Disposal			
Attach the Bond under which the following completion of the involvesting has been completed. Final determined that the site is ready for 7/11/2018 - Spud Well 17:00hrs  7/13/2018 - R/U casing tools & RIH track & 1 every 4th joint to surface.  7/14/2018 - R/U Cementers. Held S water, Lead- 950 sks Class "C" +2.0% 3 bpm Plug Bumped and Pressure J-55 BTC to 1500 psi (Test OK)  7/14/2018 - RDMO Surface Rig // A	ved operations. If the operation Abandonment Notices must but final inspection.)  with F/S 2 jts 13.375" 68# Casing set at 1,351' full return fafety Meeting. Test lines to 20% PF-20 + .125 lb/sk PF-0 PF-001 mixed @ 14.8 ppg to 1030 psi, bled back 1 bbl waiting Operations to resur	n results in a multiple completion of filed only after all requirement J-55 BTC, F/C & 30 jts 13.375 turns for entire job.  1800 psi. Cement 13-3/8" su 129 + .400 lb/sk PF-045 + 3.0 Yield 1.34 cuft/sk slurry total if loats Held, Had 100% returne with rig capable of reaching	n or recomp s, including 5" 68# J-55 rface casir lb/sk PF-0 48 bbls. Dr rns through	pletion in a new interval, reclamation, have been a BTC surface casing. In g as follows: Pump 20 42 mixed @ 13.5 ppg pop Plug and displace with the street of the surface o	a Form 3160-4 must be filed once completed and the operator has  Ran 11 centralizers, 2 on shoe  blo bbl gelled spacer, 20 bbl fresh Yield 1.71 cuft/sk Slurry total 289 with 191 bbls. FW Reduce Rate to		
Julia Steger			Title Operations Engineer				
Signature Julia	stiger	Date 11/19/20	Date 11/19/2018				
	THIS SPACE I	FOR FEDERAL OR ST	ATE OF	FICE USE			
Approved by  Conditions of approval, if any, are attache that the applicant holds legal or equitable.	• •	* I		nending	BLM approvals will  BLM approvals will  iewed and scanned  United States any false,		
that the applicant holds legal or equitable entitle the applicant to conduct operations  Title 18 U.S.C. Section 1001 and Title 43 fictitious or fraudulent statements or representations.	thereon.  U.S.C. Section 1212, make it a	crime for any person knowingly as	- cn - Do	cuments per rev	United States any false,		
(Instructions on page 2)	The second secon			_			

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

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

5. Lease Serial No. NMNM136233

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals

6. If Indian, Allottee or Tribe Name

abandoned well.	Use Form 3160-3 (AF	PD) for such propos	als.			
SUBMI	T IN TRIPLICATE Other is	nstructions on page 2.		7. If Unit of CA/Agreement, Name and/or No.		
1. Type of Well  Oil Well  Gas V	Vell Other	HOBBS C	CD	8. Well Name and No. FIRETHORN FED CO	M 26 36 04 113H	
2. Name of Operator AMEREDEV OPERATING LLC		1.22	n19	9. API Well No. 30-025-44961	A CONTRACTOR OF THE CONTRACTOR	
3a. Address 5707 Southwest Parkway, Building 1, Suite 275	5 Austin, TX 78735	8b. Phone No. (mwade area of (737)300-4700		•	0. Field and Pool or Exploratory Area NC-025 G-09 S263620C / WOLFCAMP	
4. Location of Well (Footage, Sec., T., Surface: SESW / 200 FSL / 1700 FWL / LAT 32 At Proposed prod. zone: SESW / 330 FSL / 170	.R.,M., or Survey Description) 2.0801291 / LONG -103.2731308 00 FWL / LAT 32.0514554 / LONG -1	(737)300-4700 RECEI <sup>1</sup> 03.2731201	VED	11. Country or Parish, Sta LEA, NM	ate	
12. CHÉG	CK THE APPROPRIATE BOX	((ES) TO INDICATE NATU	RE OF NOTIC	E, REPORT OR OTHER	DATA	
TYPE OF SUBMISSION		Т	YPE OF ACT	ION		
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat		uction (Start/Resume)	Water Shut-Off Well Integrity	
Subsequent Report	Casing Repair Change Plans	New Construction Plug and Abandon	=	mplete oorarily Abandon	Other	
Final Abandonment Notice	Convert to Injection	Plug Back	☐ Wate	r Disposal		
following completion of the invol- testing has been completed. Final determined that the site is ready for  9/13/2018 - Run 104 jts 9 5/8" 40# 1  9/13/2018 - Pressure tested lines to 11.9 ppg (2.47 cuft/sk, 50:50:10Cla of tail cement (300 sks) @ 15.6 ppg @10.2 ppg, 28 bbls fresh water. Bu  Notified BLM, conducted Temperate  Notified BLM, Approved to pump Br  9/14/2018 - Established injection pr cuft/sk, 50:50:10 Class C Poz:Gel v	Abandonment Notices must be final inspection.)  HCL80 BTC to 4685'  2,000 psi. Pumped 20 bbls ss CPoz:Gel w/ 5% PF-44+ g (1.18 cuff/sk, Class H w/ .0 imped plug, maintained part ure Survey, verified TOC @ raden Head squeeze  ressure at 4 bpm Pressure Tw 5% PF-44+ 10% PF-20 +0	e filed only after all requirements gelled spacer followed by 10% PF-20 +0.125 lb/sk C 11%PF-153). Drop Latch in ial circulation throughout jo 2110' Tested lines to 2000 psi, Pu	ents, including 20 bbls fresh sellophane + 3 top plug and bb, no cement	water. Pumped 307 bbis lb/sk Kolseal + 0.4 lb/s displaced w/ 20 bbls free to surface.	Is of lead cement (700 sks) @ sk Defoamer).Pumped 63 bbls sh water, 300 bbls WBM	
Pressure test casing to 1500 psi (To						
14. I hereby certify that the foregoing is Julia Steger		* '	Title Operations Engineer			
Signature Julia St	igu -	Date 11/19/	Date 11/19/2018			
	THIS SPACE F	FOR FEDERAL OR S	TATE OF	FICE USE	approvals will	
Approved by		Title		suments pendi	us BTM aby cosume —	
Conditions of approval, if any, are attached that the applicant holds legal or equitable entitle the applicant to conduct operations	title to those rights in the subject	not warrant or certify		Subsequently he	ng BLM approvals will	
Title 18 U.S.C. Section 1001 and Title 43 fictitious or fraudulent statements or repr					r agency of the United States any false,	

# HOBBS OCD

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

WAD 017019

FORM APPROVED OMB No. 1004-0137 1, 2010

	Expires: July	31
5. Lease Serial No.		
NMNM136233		

**SUNDRY NOTICES AND REPORTS ON WELLS** 

6. If Indian, Allottee or Tribe Name

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.						AN 042013			
SUBMI	page 2.		7. If Unit of CA/Ag	reement,	Name aRECEIVED				
1. Type of Well Gas W		8. Well Name and N FIRETHORN FER			No. ED COM 26 36 04 113H				
2. Name of Operator AMEREDEV OPERATING LLC					9. API Well No. 30-025-44961				
3a. Address 5707 Southwest Parkway, Building 1, Suite 275	Austin, TX 78735	3b. Phone No. (737)300-470		(include area code) 10. Field and Pool			-		
4. Location of Well (Footage, Sec., T., Surface: SESW / 200 FSL / 1700 FWL / LAT 32 At Proposed prod. zone: SESW / 330 FSL / 170	R.,M., or Survey Description) .0801291 / LONG -103.2731308 0 FWL / LAT 32.0514554 / LONG -	103.2731201			11. Country or Paris LEA, NM	sh, State			
12. CHEC	CK THE APPROPRIATE BO	X(ES) TO IND	CATE NATURE	OF NOT	ICE, REPORT OR OT	THER DA	ATA		
TYPE OF SUBMISSION			TYI	PE OF AC	TION				
Notice of Intent	Acidize Alter Casing	_	ıre Treat	Rec	oduction (Start/Resume)		Water Shut-Off Well Integrity		
Subsequent Report	Casing Repair Change Plans	=	Construction and Abandon		complete mporarily Abandon	L	Other		
Final Abandonment Notice	Convert to Injection	Plug			nter Disposal				
determined that the site is ready for 9/27/2018 - Run 253 jts 7-5/8" HCP 9/28/2018 - Pressure tested lines to sks) @ 11.9 ppg (2.47 cuft/sk, 50:50 Kolseal + 0.4 lb/sk Defoamer 0.2%. Loss + 0.3% Dispersant + 0.1% Refibled back 3.5 bbl. Full returns throut Tested Casing to 2500 psi (Test Go	110 29.7# to 10637'  5,500 psi. Pumped 20 bbl  10:10 - Class H:Poz:Gel w / Anti Setting). Pumped 66 betarder). Dropped Latch in toghout job.	5% Salt +10% obls of tail cem op plug and be	Gel + 0.3% Flu ent (300 sks) @	id Loss + 14.4 ppg	· 0.2% Retarder + 0. g (1.25 cuft/sk, 50:50	125 lb/sl ):2 - Poz	c Cellophane + 3 lb/sk : Class H: Gel w/ 0.3% Fluid		
Julia Steger			Title Operations Engineer						
Signature Julia St	eger		Date 11/19/20	18		•	avals will		
	THIS SPACE	FOR FEDE	RAL OR ST	ATE OF	FFICF '	- di	ng BLM approve		
Approved by  Conditions of approval, if any, are attache that the applicant holds legal or equitable tentitle the applicant to conduct operations	itle to those rights in the subject thereon.	et lease which wo	ould Office		Sub-		ng BLM approvals will reviewed and scanned =		
Title 18 U.S.C. Section 1001 and Title 43 fictitious or fraudulent statements or representations.				nd willfully	to make any departr	nent or ag	ency of the United States any false,		

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

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

BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals

5. Lease Serial No. NMNM136233	•
6. If Indian, Allottee or Tribe Name	

	Use Form 3160-3 (A					
SUBMIT	T IN TRIPLICATE - Othe	r instructions on page 2	7. If U	nit of CA/Agreen	nent, Name and/or No.	
1. Type of Well						
☑ Oil Well ☐ Gas W	ell Other		8. Well FIRET	8. Well Name and No. FIRETHORN FED COM 26 36 04 113H		
2. Name of Operator AMEREDEV OPERATING LLC			9. API Well No. 30-025-44961			
3a. Address		3b. Phone No. (include	area code) 10. Fie	d and Pool or Ex	cploratory Area	
5707 Southwest Parkway, Building 1, Suite 275		(737)300-4700			20C / WOLFCAMP	
4. Location of Well (Footage, Sec., T., Surface: SESW / 200 FSL / 1700 FWL / LAT 32 At Proposed prod. zone: SESW / 330 FSL / 170	R.,M., or Survey Description 0801291 / LONG -103.2731308 0 FWL / LAT 32.0514554 / LONG	1) -103.2731201	11. Con LEA, I	intry or Parish, S NM	state	
12. CHEC	K THE APPROPRIATE BO	X(ES) TO INDICATE N	IATURE OF NOTICE, REP	ORT OR OTHE	R DATA	
TYPE OF SUBMISSION	1		TYPE OF ACTION			
Notice of Intent	Acidize	Deepen	Production (S	tart/Resume)	Water Shut-Off	
1 Notice of Intent	Alter Casing	Fracture Treat	Reclamation		Well Integrity	
Suksasuant Banart	Casing Repair	New Construct	ion Recomplete		Other	
Subsequent Report	Change Plans	Plug and Aban	don Temporarily	Abandon		
Final Abandonment Notice	Convert to Injection	Plug Back	Water Dispos	al		
determined that the site is ready for 10/14/2018 Run Whipstock @ 1107 34 bbls of cement (160 sks) @ 15.6 50:50:10 Class H : Poz:Gel w/ 5% S weighted spacer @ 11.6 ppg & 147	9 with 2-7/8 Tail Pipe to 1 ppg (1.18 cuft.sk, Class I alt + 10% Gel + 0.3% Flu	Hw/0.3% Retarder) folk id Loss + 0.2% Retatrd	owed by 23 bbls of ISO co er + 0.4 lb/sk Defoamer 0	ement (53 sks) .3% Anti Setting Good returns th	@ 11.9 ppg (2.45 cuft/sk, g). Displaced with 10bbl of	
				R	RECEIVED	
14. I hereby certify that the foregoing is to Julia Steger	rue and correct. Name (Printe	ed/Typed)				
Julia Steger		Title C	perations Engineer			
Signature Julie. Ste	gn	Date 1	1/19/2018			
	THIS SPACE	FOR FEDERAL C	R STATE OFFICE	IC.	anprovals will	
Approved by  Conditions of approval, if any, are attached that the applicant holds legal or equitable the entitle the applicant to conduct operations	itle to those rights in the subje		tie Document	s pending Bl ntly be revis	LM approvals will	
Title 18 U.S.C. Section 1001 and Title 43 fictitious or fraudulent statements or repre	·		wingly and will	uepartment	or agency of the United States any false,	
(Instructions on page 2)						

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

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

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5. Lease Serial No. NMNM136233

SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.					6. If Indian, Allottee or Tribe Name		
SUBMIT	T IN TRIPLICATE - Other	9 2.	7. If Unit of CA/A	Agreement, Name and/or No.			
1. Type of Well  Oil Well  Gas W	/ell Other		8. Well Name and No. FIRETHORN FED COM 26 36 04				
2. Name of Operator AMEREDEV OPERATING LLC				9. API Well No. 30-025-44961	9. API Well No. 30-025-44961		
3a. Address 5707 Southwest Parkway, Building 1, Suite 275	3b. Phone No. (inclu (737)300-4700	de area code)		10. Field and Pool or Exploratory Area WC-025 G-09 S263620C / WOLFCAMP			
4. Location of Well (Footage, Sec., T., Surface: SESW / 200 FSL / 1700 FWL / LAT 32. At Proposed prod. zone: SESW / 330 FSL / 170	R.M., or Survey Description 0801291 / LONG -103.2731308 0 FWL / LAT 32.0514554 / LONG	n) -103.2731201		11. Country or Par LEA, NM	11. Country or Parish, State LEA, NM		
12. CHEC	K THE APPROPRIATE BO	OX(ES) TO INDICAT	E NATURE O	F NOTICE, REPORT OR C	OTHER DATA		
TYPE OF SUBMISSION			TYPE	OF ACTION			
Notice of Intent	Acidize Alter Casing	Deepen Fracture Tre	eat (	Production (Start/Resum Reclamation	e) Water Shut-Off Well Integrity		
Subsequent Report	Casing Repair	New Constr		Recomplete	Other		
Final Abandonment Notice	Change Plans Convert to Injection	☐ Plug and Al☐ Plug Back	oandon (	Temporarily Abandon Water Disposal			
11/7/2018 - Ran 497 jts of 5-1/2" 20 11/8/2018 - Pressure tested lines to cuft/sk, "NeoCem") Pumped 228 bb Down, washed pump, dropped plug 11/10/2018 - Released Rig	6000 psi. Pumped 60 bbi Is of tail cement (1050 sks	s) @ 14.5 ppf (1.22 c	uft/sk, 50:50	2-Poz:Class H:Gel w/ 0.4 Returns during full job.			
					MAR 042019		
					RECEIVED		
14. I hereby certify that the foregoing is to Julia Steger	ue and correct. Name (Printe		Operations	Engineer			
Signature Julia Stee	gr.	Date	Date 11/19/2018				
	THIS SPACE	FOR FEDERAL	OR STAT	TE OFFICE USE			
Approved by  Conditions of approval, if any, are attached that the applicant holds legal or equitable tentitle the applicant to conduct operations		Title Office	Documents pending subsequently be re	3 BLM approvals will			

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and

fictitious or fraudulent statements or representations as to any matter within its jurisdiction.