District I
 St.

 1625 N. French Dr., Hobbs, NM 88240
 St.

 Phone: (575) 393-6161 Fax: (575) 393-0720
 Energy, Mineral

 811 S. First St., Artesia, NM 88210
 OIL CON

 Phone: (575) 748-1283 Fax: (575) 748-9720
 OIL CON

 District III
 1000 Rio Brazos Road, Aztec, NM 87410
 12200

 Phone: (505) 334-6178 Fax: (505) 334-6170
 District IV

 Di20 S. St. Francis Dr., Santa Fe, NM 87505
 Sat

 Phone: (505) 476-3460 Fax: (505) 476-3462
 Sat

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

	API Numbe			ool Code								
	-025-108	54	5	8250								
⁴ Property (Property Name				ll Number			
33068	6			CE	LAMUNYON			÷	#009			
⁷ OGRID	No.			8	Operator Name			⁹ F	levation			
32932	6			FAE II (OPERATING,	LLC		3	3299'			
				10 Sur	face Location	n						
UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County			
D	27	23S	37E		660	W	LEA					
			¹¹ Bottom	Hole Locat	ion If Differe	ent From Sur	face					
UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County			
D	27	23S	37E	660	W	LEA						
¹² Dedicated Acres	² Dedicated Acres ¹³ Joint or Infill ¹⁴ Consolidation Code ¹⁵ Order No.											
160	160 Y											
L												

16		¹⁷ OPERATOR CERTIFICATION
		I hereby certify that the information contained herein is true and complete to
960'		the best of my knowledge and belief, and that this organization either owns a
e		working interest or unleased mineral interest in the land including the
0		proposed bottom hole location or has a right to drill this well at this location
660'		pursuant to a contract with an owner of such a mineral or working interest,
		or to a voluntary pooling greement or a compulsory pooling order
		heretofore entered by the division.
		04/25/2022
		Signature Date
		VANESSA NEAL
		Printed Name
		vanessa@faenergyus.com
	NW/4	E-mail Address
	Sec 27 (160 acres)	
		ISURVEYOR CERTIFICATION
		I hereby certify that the well location shown on this plat
		was plotted from field notes of actual surveys made by
		me or under my supervision, and that the same is true
		and correct to the best of my belief.
		Date of Survey
		Signature and Seal of Professional Surveyor:
		······································
		Certificate Number

DATE	IN	SUSPENSE	ENGINEER	LOGGED IN	TYPE	APP NO.	
			A	BOVE THIS LINE FOR DIVISION USE O	NLY		
			- Engine	ONSERVATION ering Bureau - s Drive, Santa Fe, NM			
		ADM	NISTRATIV	/E APPLICAT	ION CHE	CKLIST	
Tł	HIS CHECKLIST	IS MANDATOR		ATIVE APPLICATIONS FO			GULATIONS
				Off-Lease Storage]	-	se Measurement]	
[1]	[EOR-0	WFX-Wa [SV Qualified En F APPLICA A] Locati	aterflood Expansio VD-Salt Water Dis hanced Oil Recove TION - Check The	on] [PMX-Pressur posal] [IPI-Injectio ery Certification] ose Which Apply for - Simultaneous Dedi	e Maintenance on Pressure Incl [PPR-Positive F · [A]	Expansion] rease]	e]
[1]	[EOR-0 TYPE OF [A	[WFX-Wa [SV Qualified En F APPLICA A] Locati D N heck One Or B] Comm	aterflood Expansion VD-Salt Water Displanced Oil Recover TION - Check The on - Spacing Unit (SL NSP NSP NSP [] NSP [] NSP [] NSP []	on] [PMX-Pressur posal] [IPI-Injectic ery Certification] ose Which Apply for - Simultaneous Dedi SD	e Maintenance on Pressure Inc [PPR-Positive F ·[A] cation	Expansion] rease]	e]
[1]	[EOR-C TYPE OF [A Cl	[WFX-Wa [SV Qualified En F APPLICA A] Locati D N heck One Or B] Comm Z] Injecti	aterflood Expansion VD-Salt Water Displanced Oil Recover TION - Check The on - Spacing Unit ISL INSP [ally for [B] or [C] ally for [B] or [C] ally for [B] or [C] ongling - Storage - OHC CTB on - Disposal - Press	on] [PMX-Pressur posal] [IPI-Injectic ery Certification] ose Which Apply for - Simultaneous Dedi SD - Measurement	e Maintenance on Pressure Inc. [PPR-Positive F · [A] cation OLS anced Oil Recov	Expansion] rease] Production Response OLM	e]
1]	[EOR-0 TYPE OF [A Cl [E	[WFX-Wa [SV Qualified En F APPLICA A] Locati D N heck One Or B] Comm X D C] Injecti Q W	aterflood Expansion VD-Salt Water Displanced Oil Recover TION - Check The on - Spacing Unit ISL INSP [ally for [B] or [C] ally for [B] or [C] ally for [B] or [C] ongling - Storage - OHC CTB on - Disposal - Press	on] [PMX-Pressur posal] [IPI-Injectic ery Certification] ose Which Apply for - Simultaneous Dedi] SD - Measurement] PLC] PC essure Increase - Enh	e Maintenance on Pressure Inc. [PPR-Positive F · [A] cation OLS anced Oil Recov	Expansion] rease] Production Response OLM	e]
2]	[EOR-C TYPE OF [A C] [E [C] [C] [C]	[WFX-Wa [SV Qualified End F APPLICA A] Locati D N heck One Or B] Comm C] Injecti D V D] Other: CATION RE	aterflood Expansion VD-Salt Water Displanced Oil Recover TION - Check The on - Spacing Unit (SL NSP [ally for [B] or [C] ally for [B] or [C] al	on] [PMX-Pressur posal] [IPI-Injectic ery Certification] ose Which Apply for - Simultaneous Dedi] SD - Measurement] PLC] PC essure Increase - Enh	e Maintenance on Pressure Inc. [PPR-Positive F · [A] cation OLS anced Oil Recov E EOR Apply, or Doe	Expansion] rease] Production Response OLM /ery] PPR s Not Apply	e]

- [C] Application is One Which Requires Published Legal Notice
- Notification and/or Concurrent Approval by BLM or SLO U.S. Bureau of Land Management Commissioner of Public Lands, State Land Office [D] \square
- [E] For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] Waivers are Attached

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

CERTIFICATION: I hereby certify that the information submitted with this application for administrative [4] approval is accurate and complete to the best of my knowledge. I also understand that no action will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Vin N.l	Sr Reservoir Engineer	Dec 29, 2021
Signature	Title	Date

vanessa@faenergyus.com

e-mail Address

Released to Imaging: 11/10/2022 2:20:16 PM

Vanessa Neal

Print or Type Name

Received by OCD: 11/10/2022 2:18:53 PM

District I 1625 N. French Drive, 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

FAE II Operating LLC

State of New Mexico Energy, Minerals and Natural Resources Department Page 3 of 40

Form C-107A Revised August 1, 2011

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

APPLICATION TYPE <u>X</u>Single Well Establish Pre-Approved Pools EXISTING WELLBORE <u>X</u> Yes <u>No</u>

APPLICATION FOR DOWNHOLE COMMINGLING

11757 Katy Freeway, Suite 725 Houston, TX 77079 Address

Operator		Address		
C E LAMUNYON	#009	D-27-23S-37E	LEA	
Lease	Well No.	Unit Letter-Section-Township-Range	e County	
OGRID No. <u>329326</u>	Property Code <u>330686</u>	API No. <u>30-025-10854</u>	Lease Type: <u>X</u> Federal <u>State</u>	Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE 1	INTERMEDIATE ZONE 2	LOWER ZONE			
Pool Name	IMPERIAL; TUBB-DRINKARD	TEAGUE; ABO	TEAGUE; DEVONIAN	TEAGUE; SIMPSON			
Pool Code	33600	58160	58330	58900			
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	5971 – 6416	6445 – 7032	7221 – 7524	9275 – 9434			
Method of Production (Flowing or Artificial Lift)	ARTIFICAL LIFT	ARTIFICAL LIFT	ARTIFICAL LIFT	ARTIFICAL LIFT			
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)							
Oil Gravity or Gas BTU (Degree API or Gas BTU)	40 API	1155 BTU	39 API	42 API			
Producing, Shut-In or New Zone	NEW ZONE	PRODUCING	NEW ZONE	SHUT-IN			
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: SEE ATTACHED Rates:	Date: _{SEE} ATTACHED Rates:	Date: _{SEE} ATTACHED Rates:	Date: SEE ATTACHED Rates:			
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas 38 % 21 %	Oil Gas 0 % 6 %	Oil Gas 22 % 49 %	Oil Gas 40 % 24 %			

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?	Yes Yes	<u>X</u>	No No
Are all produced fluids from all commingled zones compatible with each other?	Yes	<u>X</u>	No
Will commingling decrease the value of production?	Yes		No_ <u>X</u>
If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application?	Yes	<u>X</u>	No
NMOCD Reference Case No. applicable to this well:			

Attachments:

C-102 for each zone to be commingled showing its spacing unit and acreage dedication.

Production curve for each zone for at least one year. (If not available, attach explanation.)

For zones with no production history, estimated production rates and supporting data.

Data to support allocation method or formula.

Notification list of working, royalty and overriding royalty interests for uncommon interest cases.

Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

List of other orders approving downhole commingling within the proposed Pre-Approved Pools

List of all operators within the proposed Pre-Approved Pools

Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application. Bottomhole pressure data.

I hereby	certify	that th	ne in	format	ion	above	is	true	and	comp	lete	to t	he	best	of r	ny l	know	led	ge a	and	beli	ief

SIGNATURE	In Nul	TITLE	Sr Reservoir Engineer	DATE	<u>29 Dec 2021</u>	
	1.					

_TELEPHONE NO. (<u>832</u>) <u>219-0990</u>

 TYPE OR PRINT NAME
 Vanessa Neal

E-MAIL ADDRESS vanessa@faenergyus.com

FAE II Operating LLC 11757 Katy Fwy #725, Houston, TX 77079 (832) 220-9188 steven@faenergyus.com

fae∏operating

January 3, 2022

Dean McClure Petroleum Engineer, Oil Conservation Division New Mexico Energy, Minerals and Natural Resources Department 1220 South St. Francis Dr Santa Fe, NM 87505

Re: C E Lamunyon #009 API: 30-025-10854 [58160] Teague; ABO [58330] Teague; Devonian [33600] Imperial; Tubb-Drinkard [58900] Teague; Simpson

Dear Mr. McClure:

FAE II Operating, LLC, as operator, will be filing applications with the New Mexico Oil Conservation Division for approval of the aforementioned downhole commingling project. After a review of internal records, this letter serves as notice that the operator and interest owners are identical for the pools listed above.

If you have any questions, please feel free to contact the undersigned.

Thank you for your attention to this matter.

Respectfully,

Steven Lehrbass Director of Land

Received by OCD: 11/10/2022 2:18:53 PM 11757 Katy Fwy #725, Houston, TX 77079

(832) 219-0990 vanessa@faenergyus.com

faeIIoperating"

December 10, 2021

Dean McClure Petroleum Engineer, Oil Conservation Division New Mexico Energy, Minerals and Natural Resources Department 1220 South St. Francis Dr Santa Fe, NM 87505

Re: C E Lamunyon #009 API: 30-025-10854 [33600] Imperial; Tubb-Drinkard [58160] Teague; Abo (Gas) [58330] Teague; Devonian [58900] Teague; Simpson

Dear Mr. McClure:

FAE II Operating LLC, OGRID: 329326, requests administrative approval for downhole commingling of oil and gas production from the aforementioned well and pools. This well's surface location is described below and the downhole locations of each pool are shown in the attached C-102's.

Surface Location: D-27-23S-37E 660 FNL 660 FWL Lat/Long: 32.2807808,-103.1571808 NAD83

The well is currently producing from the **[58160] Teague; Abo (Gas)** pool; Exhibit A shows the well's historical production from this pool. It is proposed to downhole commingle this pool with the **[33600] Imperial; Tubb-Drinkard, [58330] Teague; Devonian** and **[58900] Teague; Simpson** pools. While there is no recent production for the proposed pools in this well, there are multiple offset wells that are currently producing from the proposed pool. The average historical production of the surrounding analog wells producing from the proposed pool are shown in Exhibit B.

Decline curve analysis was used to create forecasts for each pool with a heavy weighting toward the last five years of production as it should most heavily influence future performance. Historical monthly volumes for each pool for the last five years as wells as a forecast of the combined pools are shown in Exhibit C. After comparing the forecasts generated from the historical production of the **C E Lamunyon #009** and the offset analogs for each pool, pool allocations were calculated on a proportional volume basis. This allocation, along with estimated IP rates for each pool after the comingling work is complete, are displayed in the table in Exhibit D.

After a review of internal records, the interest owners are identical for the aforementioned wells. As such, notification to the relevant parties of our intent to commingle production will not be necessary.

This proposed commingling of production is in the interest of conservation and will not result in reduced royalty or improper measurement of production. If you have any questions, please feel free to contact the undersigned. Thank you for your attention to this matter.

Respectfully,

Vn N.M

Vanessa Neal Released to Imaging: 11/10/2022 2:20:16 PM

Exhibit A – Historical Production of Current Pool

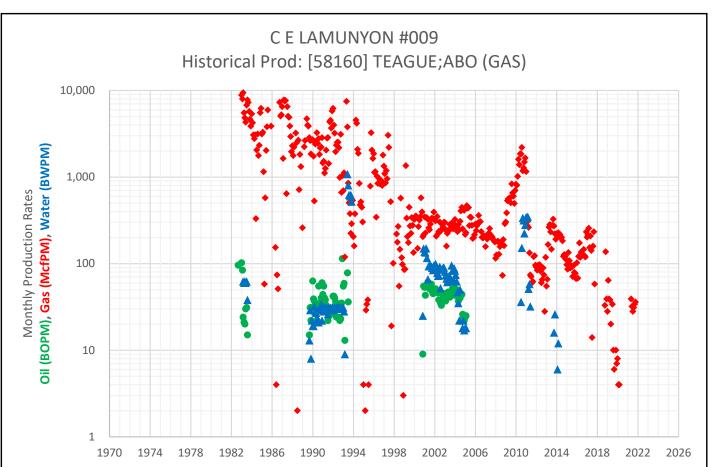
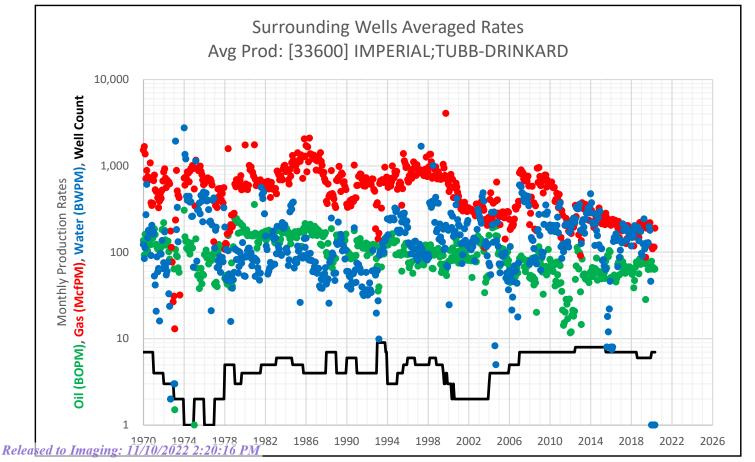


Exhibit B – Average Historical Production of Offset Analog Wells



fae I operating "

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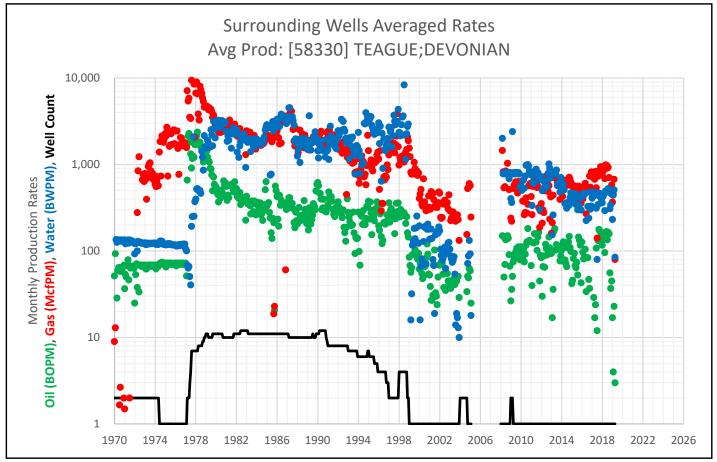


Exhibit B – Average Historical Production of Offset Analog Wells

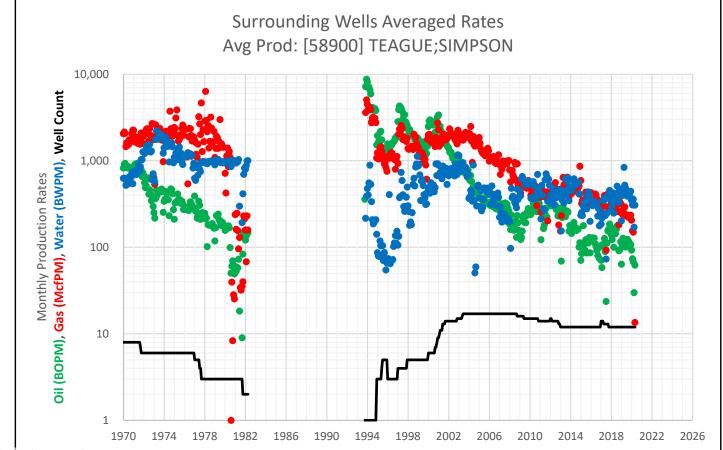


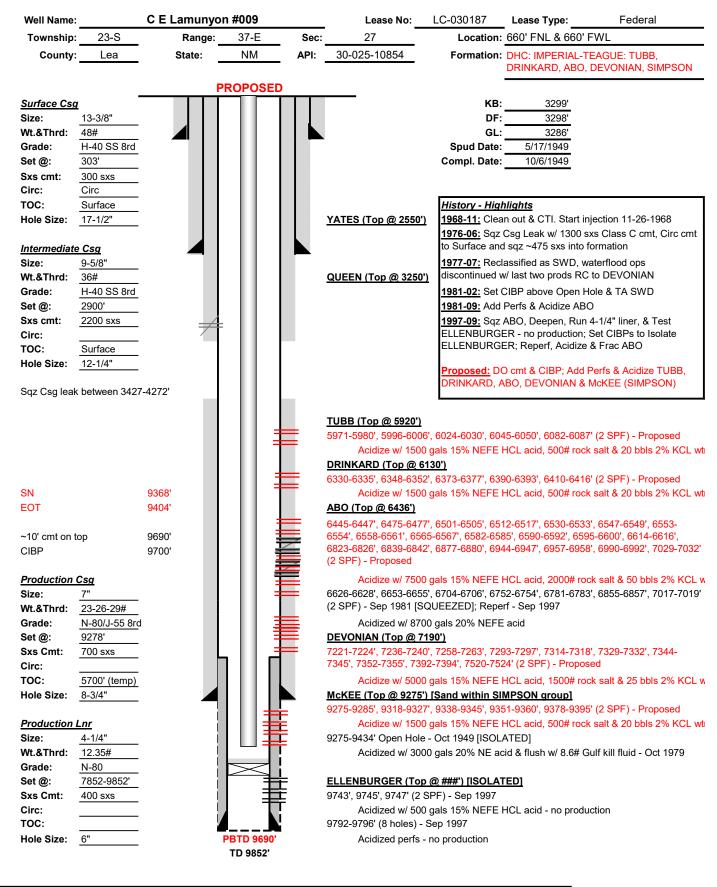
Exhibit C – Historical Production from Last 5 Years for Each Pool & Combined Future Forecast

	Surrounding Prod: [33600]		aged Rates UBB-DRINKA	ARD			g Wells Ave 1330] TEAGU	raged Rates E;DEVONIAN			Surroundin Avg Prod: [5	g Wells Ave 8900] TEAGL			Historical		INYON #009 50] TEAGUE;/	ABO (GAS)		Synthetic I	Decline Curv	re
Date	Avg Oil (BOPM)	Avg Gas (McfPM)	Avg Water (BWPM)	Well Count	Date	Avg Oil (BOPM)	Avg Gas (McfPM)	Avg Water (BWPM)	Well Count	Date	Avg Oil (BOPM)	Avg Gas (McfPM)	Avg Water (BWPM)	Well Count	Date	Avg Oil (BOPM)	Avg Gas (McfPM)	Avg Water (BWPM)	Month	Avg Oil (BOPM)	Avg Gas (McfPM)	Avg Water (BWPM)
5/1/2016	55	234	148	7	5/1/2016	105	607	465	1	5/1/2016	128	398	319	12	5/1/2016	(,	118	(=,	1	230.8	917	703
6/1/2016	53	234	146	7	6/1/2016	34	269	225	1	6/1/2016	110	414	335	12	6/1/2016		136		2	229.7	915	701
7/1/2016	45	214	164	7	7/1/2016	-	-	-	1	7/1/2016	102	404	324	12	7/1/2016		126		3	228.6	912	699
8/1/2016	50	206	137	7	8/1/2016	84	519	327	1	8/1/2016	92	366	308	12	8/1/2016		125		4	227.5	910	696
9/1/2016	73	192	68	7	9/1/2016	47	495	240	1	9/1/2016	80	348	231	12	9/1/2016		146		5	226.4	908	
10/1/2016	77	227	142	7	10/1/2016	37	735	480	1	10/1/2016	98	348	280	12	10/1/2016		123		6	225.4	905	
11/1/2016	55	148	87	7	11/1/2016	-	547	304	1	11/1/2016	74	236	177	12	11/1/2016		119		7	224.3	903	
12/1/2016	87	207	106	7	12/1/2016	-	823	332	1	12/1/2016	104	288	261	12	12/1/2016		232		8	223.2	901	
1/1/2017	69	191	137	/	1/1/2017	-	752	408	1	1/1/2017	71	276	186	14	1/1/2017		202		9	222.1	899	685
2/1/2017	58	177 211	129 213	/	2/1/2017	- 29	749 694	425 480	1	2/1/2017	59 108	250 326	219 347	14	2/1/2017		214 256		10	221.1 220.0	896 894	683 681
3/1/2017 4/1/2017	78 60	185	179	7	3/1/2017 4/1/2017	17	674	480	1	3/1/2017 4/1/2017	108	320	347	14	3/1/2017 4/1/2017		153		11	220.0	894	678
5/1/2017	69	206	1/9	7	5/1/2017	24	832	433	1	5/1/2017	103	399	348	13	5/1/2017		208		13	215.0	890	
6/1/2017	57	132	135	7	6/1/2017	108	540	313	1	6/1/2017	89	243	233	13	6/1/2017		142		13	217.9	888	674
7/1/2017	63	132	194	7	7/1/2017	100	141	80	1	7/1/2017	24	93	73	13	7/1/2017		142		15	215.8	885	672
8/1/2017	59	144	140	7	8/1/2017	132	731	344	1	8/1/2017	112	294	249	13	8/1/2017		159		16	214.8	883	669
9/1/2017	64	204	181	7	9/1/2017	178	835	436	1	9/1/2017	155	416	370	13	9/1/2017		233		17	213.8	881	
10/1/2017	68	181	167	7	10/1/2017	170	821	465	1	10/1/2017	163	409	410	12	10/1/2017		58		18	212.8	879	
11/1/2017	68	165	172	7	11/1/2017	148	944	446	1	11/1/2017	186	393	455	12	11/1/2017		-		19	211.7	876	
12/1/2017	65	163	152	7	12/1/2017	127	907	397	1	12/1/2017	146	362	353	12	12/1/2017		-		20	210.7	874	
1/1/2018	65	165	119	7	1/1/2018	117	754	361	1	1/1/2018	141	312	273	12	1/1/2018		-		21	209.7	872	659
2/1/2018	55	150	148	7	2/1/2018	137	841	429	1	2/1/2018	123	307	301	12	2/1/2018		-		22	208.7	870	656
3/1/2018	61	180	186	7	3/1/2018	139	901	458	1	3/1/2018	165	401	427	12	3/1/2018		-		23	207.7	868	654
4/1/2018	39	118	156	7	4/1/2018	96	688	293	1	4/1/2018	100	265	248	12	4/1/2018		-		24	206.7	866	
5/1/2018	47	150	204	7	5/1/2018	166	992	496	1	5/1/2018	144	350	366	12	5/1/2018		-		25	205.7	863	650
6/1/2018	67	163	186	7	6/1/2018	168	981	482	1	6/1/2018	144	286	348	12	6/1/2018		-		26	204.8	861	648
7/1/2018	77	169	189	7	7/1/2018	135	908	500	1	7/1/2018	162	263	360	12	7/1/2018		-		27	203.8	859	646
8/1/2018	78	197	194	6	8/1/2018	165	930	527	1	8/1/2018	177	307	510	12	8/1/2018		-		28	202.8	857	644
9/1/2018	78	199	195	6	9/1/2018	158	709	478	1	9/1/2018	182	260	428	12	9/1/2018		-		29	201.8	855	
10/1/2018 11/1/2018	56 84	148 221	136 177	6	10/1/2018 11/1/2018	56 37	480 496	308 341	1	10/1/2018 11/1/2018	91 94	182 336	332 411	12	10/1/2018 11/1/2018		33 137		30	200.9	853	639 637
12/1/2018	72	221	177	6	12/1/2018	45	496	452	1	12/1/2018	94 116	323	411 470	12	12/1/2018		39		31	199.9	848	635
1/1/2019	72	218	97	6	1/1/2019	43	368	232	1	1/1/2018	64	261	203	12	1/1/2019		28		32	199.0	846	633
2/1/2019	75	202	91	6	2/1/2019	4	459	444	1	2/1/2019	107	242	397	12	2/1/2019		64		34	197.1	844	631
3/1/2019	81	226	125	6	3/1/2019	23	675	509	1	3/1/2019	127	263	451	12	3/1/2019		39		35	196.1	842	629
4/1/2019	75	209	243	6	4/1/2019	3	80	85	1	4/1/2019	106	285	840	12	4/1/2019		38		36	195.2	840	627
5/1/2019	78	222	110	6	5/1/2019	-	-	-	0	5/1/2019	114	293	524	12	5/1/2019		20		37	194.2	838	625
6/1/2019	28	88	121	6	6/1/2019	-	-	-	0	6/1/2019	101	238	481	12	6/1/2019		-		38	193.3	836	623
7/1/2019	73	190	128	6	7/1/2019	-	-	-	0	7/1/2019	105	230	459	12	7/1/2019		34		39	192.4	834	621
8/1/2019	77	201	125	6	8/1/2019	-	-	-	0	8/1/2019	124	237	391	12	8/1/2019		10		40	191.5	832	619
9/1/2019	63	199	129	6	9/1/2019	-	-	-	0	9/1/2019	104	223	432	12	9/1/2019		6		41	190.6	830	
10/1/2019	69	202	199	6	10/1/2019	-	-	-	0	10/1/2019	116	222	401	12	10/1/2019		-		42	189.6	828	
11/1/2019	65	220	180	6	11/1/2019	-	-		0	11/1/2019	102	234	387	12	11/1/2019		10		43	188.7	825	
12/1/2019	64	189	46	6	12/1/2019	-	-	-	0	12/1/2019	108	235	446	12	12/1/2019		7		44	187.8	823	
1/1/2020	79	116	1	7	1/1/2020	-	-	-	0	1/1/2020	93	206	349	12	1/1/2020		8		45	186.9	821	
2/1/2020	65	109	1	7	2/1/2020	-	-	-	0	2/1/2020	74	155	308	12	2/1/2020		4		46	186.0	819	
3/1/2020 4/1/2020	67 64	114 115	1	/	3/1/2020 4/1/2020	-	-	-	0	3/1/2020 4/1/2020	68 30	150	360 171	12	3/1/2020 4/1/2020		4		47	185.2 184.3	817 815	605
4/1/2020 5/1/2020	64 64	115	1	/	4/1/2020 5/1/2020	-	-	-	0	4/1/2020 5/1/2020	30	- 14	1/1 307	12	4/1/2020 5/1/2020				48	184.3	815	
6/1/2020	63	260	1	7	6/1/2020				0	6/1/2020	46	40	238	12	6/1/2020				50	183.4	813	599
7/1/2020	54	302	1	7	7/1/2020	-			0	7/1/2020	66	24	331	12	7/1/2020				50	182.5	811	599
8/1/2020	69	159	1	7	8/1/2020	-	-		0	8/1/2020	56	24	331	12	8/1/2020				52	181.0	803	595
9/1/2020	62	325	1	7	9/1/2020	-	-		0	9/1/2020	96	1	454	12	9/1/2020				53	179.9	805	
10/1/2020	56	17	107	7	10/1/2020		-	-	0	10/1/2020	34	0	196	12	10/1/2020				54	179.1	803	591
11/1/2020	64	298	2	7	11/1/2020		-	-	0	11/1/2020	70	4	408	12	11/1/2020				55	178.2	801	589
12/1/2020	66	137	1	7	12/1/2020	-	-	-	0	12/1/2020	69	-	356	12	12/1/2020				56	177.3	799	587
1/1/2021	134	109	0	8	1/1/2021	-	-	-	1	1/1/2021	49	-	214	12	1/1/2021				57	176.5	797	585
2/1/2021	87	92	29	8	2/1/2021	-	-	-	1	2/1/2021	21	-	115	12	2/1/2021		-		58	175.7	795	583
3/1/2021	153	78	0	8	3/1/2021	-	-	-	1	3/1/2021	-	88	-	12	3/1/2021		-		59	174.8	793	581
4/1/2021	244	163	0	8	4/1/2021	26	-	6	1	4/1/2021	92	-	18	11	4/1/2021		-		60	174.0	791	579
5/1/2021	282	203	41	8	5/1/2021	45	469	27	1	5/1/2021	114	428	62	11	5/1/2021		39					
6/1/2021	87	115	49	8	6/1/2021	53	416	233	1	6/1/2021	98	302	450	11	6/1/2021		32					_
7/1/2021	128	99	151	8	7/1/2021	51	407	281	1	7/1/2021	126	423	659	9	7/1/2021		28		_			
8/1/2021	138	103	681	8	8/1/2021	84	632	650	1	8/1/2021	124	403	923	8	8/1/2021		31		_			
9/1/2021	261	130	510	8	9/1/2021	74	539	592	1	9/1/2021	270	626	868	7	9/1/2021		34					
10/1/2021	233	177	383	8	10/1/2021	130	559	799	1	10/1/2021	356	894	900	7	10/1/2021		36					

Exhibit D – Pool Allocations & Post Workover IP Rates

	OIL	GAS	WATER	POOL
5 yr Cum	5,037	10,297	7,793	
Allocated %	38%	21%	19%	[33600] IMPERIAL; TUBB- DRINKARD
IP Rate	2.8	5.6	4.3	
5 yr Cum	-	2,671	-	
Allocated %	-	6%	-	[58160] TEAGUE; ABO (GAS)
IP Rate	-	1.5	-	
5 yr Cum	2,875	23,854	14,344	
Allocated %	22%	49%	36%	[58330] TEAGUE; DEVONIAN
IP Rate	1.6	13.1	7.9	
5 yr Cum	5,364	11,576	18,082	
Allocated %	40%	24%	45%	[58900] TEAGUE;SIMPSON
IP Rate	3.3	7.0	11.0	
IP Rate	7.6	27.2	23.1	Commingled (Total)

Received by OCD: 11/10/2022 2:18:53 PM

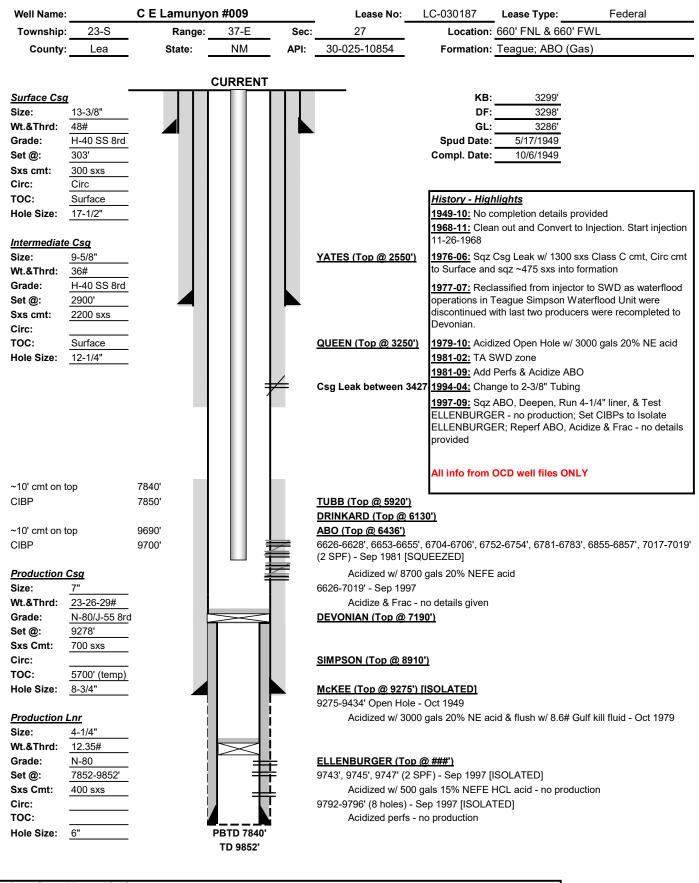


Tubulars - Capacities and Performance

2-3/8" 4.7# J-55 Tubing (~290 jts 2-3/8" tubing, SN, 4' perf sub, MA w/ bull plug)

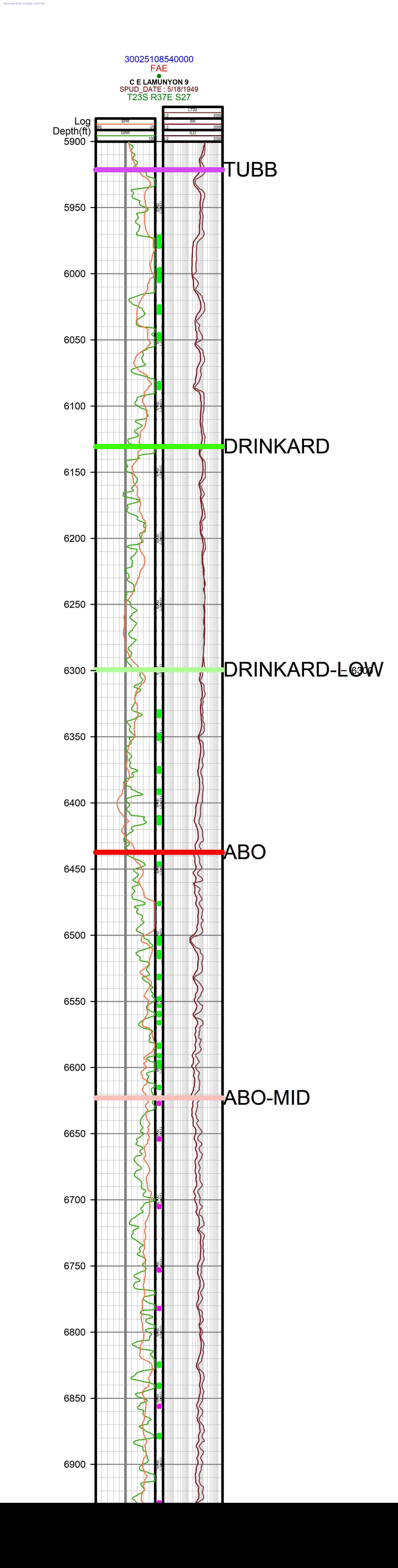
WBD_C E Lamunyon #009_CURRENT_2021-05-11.xlsx

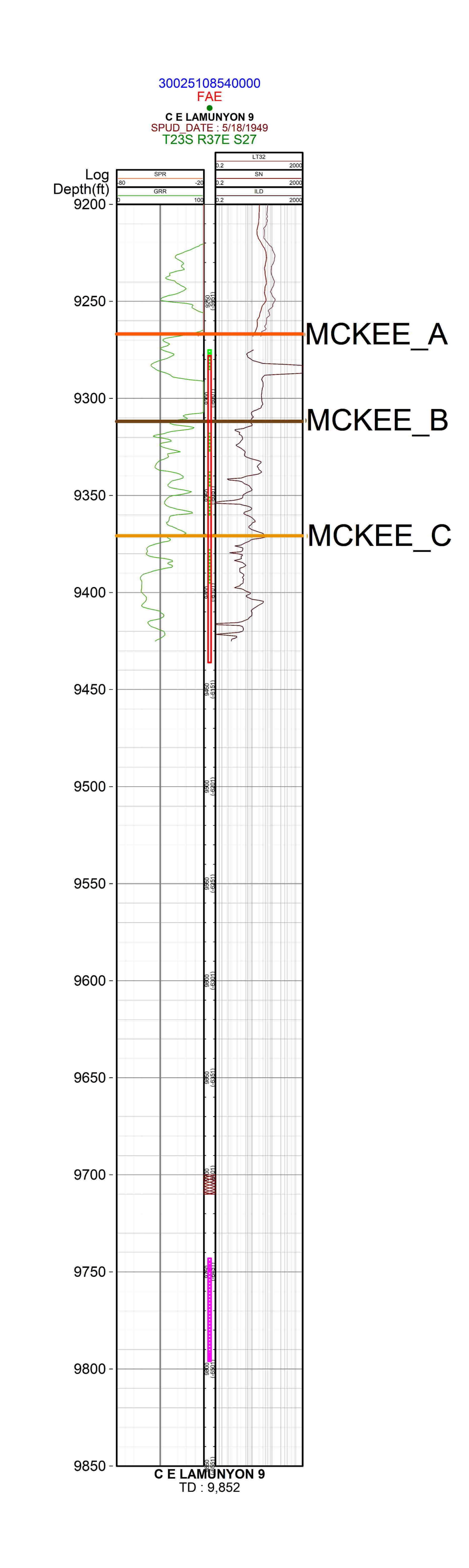
Received by OCD: 11/10/2022 2:18:53 PM



Tubulars - Capacities and Performance 2-3/8" 4.7# J-55 Tubing @ ???

WBD_C E Lamunyon #009_CURRENT_2021-05-11.xlsx





API14	SOURCE	FMNAME	PERF TYPE	TOP PERF	BASE PERF	INTERVAL
30025108540000	CJH	TUBB	PROPOSED	5971	5980	9
30025108540000	CJH	TUBB	PROPOSED	5996	6006	10
30025108540000	CJH	TUBB	PROPOSED	6024	6030	6
30025108540000	CJH	TUBB	PROPOSED	6045	6050	5
30025108540000	CJH	TUBB	PROPOSED	6082	6087	5
30025108540000	CJH	DKRD	PROPOSED	6330	6335	5
30025108540000	CJH	DKRD	PROPOSED	6348	6352	4
30025108540000	CJH	DKRD	PROPOSED	6373	6377	4
30025108540000	CJH	DKRD	PROPOSED	6390	6393	3
30025108540000	CJH	DKRD	PROPOSED	6410	6416	6
30025108540000	CJH	ABO	PROPOSED	6445	6447	2
30025108540000	CJH	ABO	PROPOSED	6475	6477	2
30025108540000	CJH	ABO	PROPOSED	6501	6505	4
30025108540000		ABO	PROPOSED	6505	6507	2
30025108540000		ABO	PROPOSED		6517	5
30025108540000		ABO	PROPOSED		6532	2
30025108540000		ABO	PROPOSED		6533	2
30025108540000		ABO	PROPOSED		6549	2
30025108540000		ABO	PROPOSED		6549	2
30025108540000	CIH	ABO	PROPOSED		6554	1
30025108540000		ABO	PROPOSED		6561	3
30025108540000		ABO	PROPOSED		6567	2
30025108540000		ABO	PROPOSED		6585	2
30025108540000		ABO	PROPOSED		6592	2
30025108540000		ABO	PROPOSED		6598	2
30025108540000		ABO	PROPOSED		6600	2
30025108540000		ABO	PROPOSED		6616	2
30025108540000		ABO	PROPOSED		6826	2
30025108540000		ABO	PROPOSED		6842	2
30025108540000		ABO	PROPOSED	6877	6880	2
30025108540000		ABO	PROPOSED		6947	2
30025108540000		ABO	PROPOSED		6958	1
30025108540000		ABO	PROPOSED		6992	
30025108540000		ABO	PROPOSED		7032	2
30025108540000		DVNN	PROPOSED		7224	2
30025108540000			PROPOSED		7240	<u> </u>
30025108540000	CIH		PROPOSED	7258	72-0	
30025108540000			PROPOSED		7205	
30025108540000		DVNN	PROPOSED		7237	Γ Γ Λ
30025108540000			PROPOSED		7332	T
30025108540000			PROPOSED		7345	1
30025108540000			PROPOSED		7345 7355	L 2
30025108540000		DVNN DVNN			7394 7521	ے ۱
30025108540000					7524 0295	4
30025108540000			PROPOSED PROPOSED		9285 0227	L U L
30025108540000			PROPOSED DRODOSED		9327 0245	у Т
30025108540000	CJH	MCKE	PROPOSED	9338	9345	

Page 12 of 40

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

1	API Numbe	r	² Pe	ool Code			³ Pool Name			
30-	30-025-10854			3600		IMPERIAL;TUBB-DRINKARD				
⁴ Property 0	Code		•	5	Property Name			⁶ We	⁶ Well Number	
33068	6	C E LAMUNYON				1	#009			
⁷ OGRID	No.	⁸ Operator Name				⁹ E	⁹ Elevation			
32932	6		FAE II OPERATING, LLC				3	3299'		
		¹⁰ Surface Location								
UL - Lot	Section	Township	Fownship Range Lot Idn Feet from N/S Line Feet From				E/W Line	County		
D	27	23S	23S 37E 660 N 660				W	LEA		
	Bottom Hole Location If Different From Surface									
UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County	
D	27	23S 37E 660 N 660				W	LEA			
¹² Dedicated Acres	¹³ Joint o	r Infill ¹⁴ Consolidation Code ¹⁵ Order No.								
40		Y								

16		17 OPERATOR CERTIFICATION
2		I hereby certify that the information contained herein is true and complete to
660'		the best of my knowledge and belief, and that this organization either owns a
		working interest or unleased mineral interest in the land including the
0		proposed bottom hole location or has a right to drill this well at this location
660'		pursuant to a contract with an owner of such a mineral or working interest,
		or to a voluntary pooling agreement or a compulsory pooling order
		heretofore entered by the division.
		11/29/2021
NW/4 NW/4		Signature Date
Sec 27 (40 acres)		Signature Date
Sec 27 (10 deres)		VANESSA NEAL
		Printed Name
		vanessa@faenergyus.com
		E-mail Address
		¹⁸ SURVEYOR CERTIFICATION
		<i>I hereby certify that the well location shown on this plat</i>
		was plotted from field notes of actual surveys made by
		me or under my supervision, and that the same is true
		and correct to the best of my belief.
		Date of Survey
		Signature and Seal of Professional Surveyor:
		Certificate Number
11		

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

	API Numbe			ool Code			³ Pool Name		
30-	-025-108	54	4 58250				TEAGUE; ABC)	
⁴ Property (Code		•	5	Property Name			6 We	ell Number
33068	6	C E LAMUNYON					=	#009	
⁷ OGRID	No.	⁸ Operator Name					⁹ F	⁹ Elevation	
32932	6		FAE II OPERATING, LLC				3	3299'	
		¹⁰ Surface Location							
UL - Lot	Section	Township Range Lot Idn Feet from N/S Line Feet From				E/W Line	County		
D	27	23S	23S 37E 660 N 660				W	LEA	
	Bottom Hole Location If Different From Surface								
UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
D	27	23S 37E 660 N 660				W	LEA		
12 Dedicated Acres	¹³ Joint o	r Infill ¹⁴ Consolidation Code ¹⁵ Order No.							
40		Y							

16		17 OPERATOR CERTIFICATION
2		I hereby certify that the information contained herein is true and complete to
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660'		pursuant to a contract with an owner of such a mineral or working interest,
		or to a voluntary pooling agreement or a compulsory pooling order
		heretofore entered by the division.
		11/16/2021
NW/4 NW/4		Signature Date
Sec 27 (40 acres)		
		VANESSA NEAL
		Printed Name
		vanessa@faenergyus.com
		E-mail Address
		ISURVEYOR CERTIFICATION
		I hereby certify that the well location shown on this plat
		was plotted from field notes of actual surveys made by
		me or under my supervision, and that the same is true
		and correct to the best of my belief.
		Date of Survey
		Signature and Seal of Professional Surveyor:
		Certificate Number

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

	API Numbe			ool Code			³ Pool Name			
30-	-025-108	54	5	8330		TEAGUE; DEVONIAN				
⁴ Property (Code			5	Property Name			6 We	⁶ Well Number	
33068	6	C E LAMUNYON						#009		
⁷ OGRID	No.	⁸ Operator Name					⁹ F	⁹ Elevation		
32932	6		FAE II OPERATING, LLC			3	3299'			
	Surface Location									
UL - Lot	Section	Township	Cownship Range Lot Idn Feet from N/S Line Feet From D				E/W Line	County		
D	27	23S	37E 660 N 660				W	LEA		
	Bottom Hole Location If Different From Surface									
UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County	
D	27	23S	23S 37E 660 N 660				W	LEA		
¹² Dedicated Acres	¹³ Joint o	r Infill ¹⁴ Consolidation Code ¹⁵ Order No.								
40		Y								
L				1						

16		17 OPERATOR CERTIFICATION
		I hereby certify that the information contained herein is true and complete to
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		working interest or unleased mineral interest in the land including the
—— O		proposed bottom hole location or has a right to drill this well at this location
660'		pursuant to a contract with an owner of such a mineral or working interest,
		or to a voluntary pooling agreement or a compulsory pooling order
		heretofore entered by the division.
		11/16/2021
NW/4 NW/4		Signature Date
Sec 27 (40 acres)		
		VANESSA NEAL
		Printed Name
		vanessa@faenergyus.com
		E-mail Address
		ISURVEYOR CERTIFICATION
		I hereby certify that the well location shown on this plat
		was plotted from field notes of actual surveys made by
		me or under my supervision, and that the same is true
		and correct to the best of my belief.
		Date of Survey
		Signature and Seal of Professional Surveyor:
		Certificate Number

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

1	API Numbe	r	² Pc	ool Code			³ Pool Name		
30-	-025-108	54	5	8900		TEAGUE; SIMPSON			
⁴ Property 0	Code			5	Property Name			⁶ We	ell Number
33068	6			CE	LAMUNYON				#009
⁷ OGRID	No.	⁸ Operator Name				⁹ F	⁹ Elevation		
32932	6		FAE II OPERATING, LLC				3	3299'	
	¹⁰ Surface Location								
UL - Lot	Section	Township	Township Range Lot Idn Feet from N/S Line Feet From E				E/W Line	County	
D	27	23S	S 37E 660 N 660				W	LEA	
	Bottom Hole Location If Different From Surface								
UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
D	27	23S 37E 660 N 660				W	LEA		
¹² Dedicated Acres	¹³ Joint o	r Infill ¹⁴ Consolidation Code ¹⁵ Order No.							
40		Y							
	-								

16		17 OPERATOR CERTIFICATION
<u></u>		I hereby certify that the information contained herein is true and complete to
660'		the best of my knowledge and belief, and that this organization either owns a
		working interest or unleased mineral interest in the land including the
0		proposed bottom hole location or has a right to drill this well at this location
660'		pursuant to a contract with an owner of such a mineral or working interest,
		or to a voluntary pooling agreement or a compulsory pooling order
		heretofore entered by the division.
		11/29/2021
NW/4 NW/4		Signature Date
Sec 27 (40 acres)		Signature Date
Sec 27 (10 deres)		VANESSA NEAL
		Printed Name
		vanessa@faenergyus.com
		E-mail Address
		¹⁸ SURVEYOR CERTIFICATION
		I hereby certify that the well location shown on this plat
		was plotted from field notes of actual surveys made by
		me or under my supervision, and that the same is true
		and correct to the best of my belief.
		Date of Survey
		Signature and Seal of Professional Surveyor:
		Signature and Sear of Professional Surveyor.
		Certificate Number

Cerver by WCD: 51/10/2022 2:18:53 PM U.S. Department of the Interior BUREAU OF LAND MANAGEMENT		Sundry Print Repor
Well Name: CE LA MUNYON	Well Location: T23S / R37E / SEC 27 / NWNW / 32.28078 / -103.157172	County or Parish/State: LEA / NM
Well Number: 09	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMLC030187	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002510854	Well Status: Producing Gas Well	Operator: FAE II OPERATING LLC

Notice of Intent

Sundry ID: 2649124

Type of Submission: Notice of Intent

Date Sundry Submitted: 12/16/2021

Date proposed operation will begin: 03/21/2022

Type of Action: Commingling (Subsurface) Time Sundry Submitted: 09:26 0

Procedure Description: FAE II intends to submit applications with the New Mexico Oil Conservation Division for approval of this DHC project. Proposed Procedure: DO cmt & CIBP; Add Perfs & Acidize TUBB, DRINKARD, ABO, DEVONIAN & McKEE (SIMPSON)

NOI Attachments

Procedure Description

BLM_Submittal_CE_LAMUNYON_20211216092600

Received by OCD: 11/10/2022 2:18:53 PM Well Name: CE LA MUNYON	Well Location: T23S / R37E / SEC 27 / NWNW / 32.28078 / -103.157172	County or Parish/State: LEA
Well Number: 09	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMLC030187	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002510854	Well Status: Producing Gas Well	Operator: FAE II OPERATING LLC

Operator Certification

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: VANESSA NEAL

Signed on: DEC 16, 2021 09:26 AM

Name: FAE II OPERATING LLC Title: Reservoir Engineer

Street Address: 11757 KATY FREEWAY, SUITE 1000

State: TX

City: HOUSTON

Phone: (832) 219-0990

Email address: VANESSA@FAENERGYUS.COM

Field Representative

Representative Name: Street Address: City: State: Phone: Email address:

Zip:

FAE II Operating LLC 11757 Katy Fwy #725, Houston, TX 77079 (832) 220-9188 steven@faenergyus.com

fae∏operating

April 25, 2022

Dean McClure Petroleum Engineer, Oil Conservation Division New Mexico Energy, Minerals and Natural Resources Department 1220 South St. Francis Dr Santa Fe, NM 87505

Re: C E Lamunyon #009 API: 30-025-10854 [85960] Teague; Abo (Gas) [58360] Teague; Devonian, North [33600] Imperial; Tubb-Drinkard [58900] Teague; Simpson

Dear Mr. McClure:

FAE II Operating, LLC, as operator, will be filing applications with the New Mexico Oil Conservation Division for approval of the aforementioned downhole commingling project. After a review of internal records, this letter serves as notice that the operator and interest owners are identical for the pools listed above.

If you have any questions, please feel free to contact the undersigned.

Thank you for your attention to this matter.

Respectfully,

Steven Lehrbass

Director of Land

Received by OCD: 11/10/2022 2:18:53 PM

nnlicati	HECKLIST IS MA on Acronyms NSL-Non-Stan [DHC-Down [PC-Poc [[EOR-Quali	NEW MEXICO OIL CONSER - Engineering Bu 1220 South St. Francis Drive, Sa ADMINISTRATIVE APPLI NDATORY FOR ALL ADMINISTRATIVE APPLI WHICH REQUIRE PROCESSING A a a a a a a a a a a a a a	PLICATION PLICATION PLICATION ICATIONS FOR EXC ICATIONS F	505 N CHECKL EPTIONS TO DIVISIO VEL IN SANTA FE It] [SD-Simultan [PLC-Pool/Lease Maintenance Expansion]	on Rules and Regulations neous Dedication] se Commingling] leasurement]
nnlicati	HECKLIST IS MA on Acronyms NSL-Non-Stan [DHC-Down [PC-Poo [[EOR-Quali	NDATORY FOR ALL ADMINISTRATIVE APPLI WHICH REQUIRE PROCESSING A at Indard Location] [NSP-Non-Standar Inde Commingling] [CTB-Lease of Commingling] [OLS - Off-Lease [WFX-Waterflood Expansion] [PM [SWD-Salt Water Disposal] [ICATIONS FOR EXC IT THE DIVISION LEV Ind Proration Uni Commingling] e Storage] [O MX-Pressure Ma (IPI-Injection Pr	EPTIONS TO DIVISIO VEL IN SANTA FE [SD-Simultan [PLC-Pool/Lea DLM-Off-Lease M intenance Expa	on Rules and Regulations neous Dedication] se Commingling] leasurement]
nnlicati	on Acronyms NSL-Non-Stan [DHC-Down [PC-Poo [[EOR-Quali	WHICH REQUIRE PROCESSING A adard Location] [NSP-Non-Standar hole Commingling] [CTB-Lease of Commingling] [OLS - Off-Lease [WFX-Waterflood Expansion] [PN [SWD-Salt Water Disposal] [rd Proration Uni Commingling] e Storage] [O MX-Pressure Ma (IPI-Injection Pr	t] [SD-Simultan [PLC-Pool/Lea DLM-Off-Lease M intenance Expa	ecus Dedication] se Commingling] leasurement]
pplicati [¹	NSL-Non-Stan [DHC-Down [PC-Poo [[EOR-Quali	ndard Location] [NSP-Non-Standar hole Commingling] [CTB-Lease of Commingling] [OLS - Off-Lease [WFX-Waterflood Expansion] [PN [SWD-Salt Water Disposal] [Commingling] e Storage] [O /X-Pressure Ma (IPI-Injection Pr	[PLC-Pool/Lea PLM-Off-Lease M intenance Expa	se Commingling] leasurement]
			fication] [PPR	essure Increase R-Positive Produ)
1) 1	TYPE OF AP [A]	PLICATION - Check Those Which Location - Spacing Unit - Simultar NSL NSP SD	h Apply for [A] neous Dedicatio	'n	
	Check [B]	Commingling - Storage - Measure DHC CTB PLC	ement	ols 🗌 oi	.M
	[C]	Injection - Disposal - Pressure Inc	crease - Enhance D D IPI	d Oil Recovery EOR P	PR
	[D]	Other: Specify			
[2]	NOTIFICAT [A]	TION REQUIRED TO: - Check Th Working, Royalty or Overrid	ose Which Appl ding Royalty Inte	ly, or Does No erest Owners	t Apply
	[B]	Offset Operators, Leaseholde	ers or Surface O	wner	
	[C]	Application is One Which R	equires Publishe	ed Legal Notice	
	[D]	Notification and/or Concurre	ent Approval by ssioner of Public Lands,	BLM or SLO State Land Office	
	[E]	For all of the above, Proof o			ttached, and/or,
	[F]	Waivers are Attached			
	OF APPLIC	CCURATE AND COMPLETE IN ATION INDICATED ABOVE.			
	1 in accurate	ATION: I hereby certify that the inf and complete to the best of my know required information and notification	wledge. I also u	inderstand that i	vaction will be talled bit and
applicat	Note	e: Statement must be completed by an ind	lividual with manag	gerial and/or super	visory capacity.

Vanessa Neal

Vin N.l Signature

Sr Reservoir Engineer

December 10, 2021

Date

1

Print or Type Name

vanessa	@faenergyus	.com

e-mail Address

ive Hobbs, NM 88240

d, Aztec, NM 87410

ia NM 88210

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-107A Revised August 1, 2011

APPLICATION TYPE X_Single Well Establish Pre-Approved Pools EXISTING WELLBORE

X Yes No

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

District I

District II 811 S. First St.,

District III

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

APPLICATION FOR DOWNHOLE COMMINGLING

FAE II Operating LLC	11757 Katy Freeway, Suite 725 Houston, TX 77079 Address						
Operator							
C E LAMUNYON	009	D-27-23S-37E	County				
Lease	Well No.	Unit Letter-Section-Township-Range	County				

OGRID No. 329326 Property Code 330686 API No. 30-025-10854 Lease Type: X Federal State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE		
	IMPERIAL; TUB-DRINKARD	TEAGUE; ABO	TEAGUE; DEVONIAN		
Pool Name	33600	58160	58330		
Pool Code Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	5971 - 6416	6445 - 7032	7221 - 9395		
Method of Production (Flowing or Artificial Lift)	FLOWING	FLOWING	FLOWING		
(Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)					
Oil Gravity or Gas BTU (Degree API or Gas BTU)	35.0 API / 1.1929 BTU	35.0 API / 1.1929 BTU	35.0 API / 1.1929 BTU		
Producing, Shut-In or New Zone	NEW ZONE	PRODUCING	NEW ZONE		
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history. applicant shall be required to attach production estimates and supporting data.)	Date: SEE ATTACHED Rates:	Date: SEE ATTACHED Rates:	Date: SEE ATTACHED Rates:		
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas 38 % 21 %	Oil Gas 0% 6%	Oil Gas 22 % 49 %		

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?	Yes <u>X</u> No <u></u> Yes <u>No</u>
Are all produced fluids from all commingled zones compatible with each other?	Yes X No
Will commingling decrease the value of production?	Yes No_X
If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application?	Yes No
NMOCD Reference Case No. applicable to this well:	

Attachments:

tachments: C-102 for each zone to be commingled showing its spacing unit and acreage dedication. Production curve for each zone for at least one year. (If not available, attach explanation.) For zones with no production history, estimated production rates and supporting data. Data to support allocation method or formula. Notification list of working, royalty and overriding royalty interests for uncommon interest cases. Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

roved Pools, the following additional information will be required: indication is to establish Pre-Ap 16 .

It application is to establish i temp	protoutetting		
List of other orders approving downhole commingling wit List of all operators within the proposed Pre-Approved Po Proof that all operators within the proposed Pre-Approved Bottomhole pressure data.			
I hereby certify that the information above is true an SIGNATURE		the best of my knowledge and Sr Reservoir Engineer	DATE_December 10, 2021
TYPE OR PRINT NAME Vanessa Neal		TELEPHONE NO	0. (<u>832</u>) <u>219-0990</u>
E-MAIL ADDRESS vanessa@faenergyus.com			

FAE II Operating LLC 11757 Katy Fwy #725, Houston, TX 77079 (832) 220-9188 steven@faenergyus.com

faeIIoperating

November 30, 2021

Dean McClure Petroleum Engineer, Oil Conservation Division New Mexico Energy, Minerals and Natural Resources Department 1220 South St. Francis Dr Santa Fe, NM 87505

Re: C E Lamunyon #009 API: 30-025-10854 [58160] Teague; ABO [58330] Teague; Devonian [33600] Imperial; Tubb-Drinkard

Dear Mr. McClure:

FAE II Operating, LLC, as operator, will be filing applications with the New Mexico Oil Conservation Division for approval of the aforementioned downhole commingling project. After a review of internal records, this letter serves as notice that the operator and interest owners are identical for the pools listed above.

If you have any questions, please feel free to contact the undersigned.

Thank you for your attention to this matter.

Respectfully,

Steven Lehrbass Director of Land Received by OCD: 11/10/2022 2:18:53 PM

11757 Katy Fwy #725, Houston, TX 77079 (832) 219-0990 vanessa@faenergyus.com

faeIIoperating

December 10, 2021

Dean McClure Petroleum Engineer, Oil Conservation Division New Mexico Energy, Minerals and Natural Resources Department 1220 South St. Francis Dr Santa Fe, NM 87505

Re: C E Lamunyon #009 API: 30-025-10854 [58160] Teague; ABO [58330] Teague; Devonian [33600] Imperial; Tubb-Drinkard

Dear Mr. McClure:

FAE II Operating LLC, OGRID: 329326, requests administrative approval for downhole commingling of oil and gas production from the aforementioned well and pools. This well's surface location is described below and the downhole locations of each pool are shown in the attached C-102's.

Surface Location: D-27-23S-37E 660 FNL 660 FWL Lat/Long: .2807808,-103.1571808 NAD83

The well is currently producing from the **[58160] Teague; ABO** pool; Exhibit A shows the well's historical production from this pool. It is proposed to downhole commingle this pool with the **[58330] Teague; Devonian and [33600] Imperial; Tubb-Drinkard** pool. While there is no recent production for the proposed pool in this well, there are multiple offset wells that are currently producing from the proposed pool. The average historical production of the surrounding analog wells producing from the proposed pool are shown in Exhibit B.

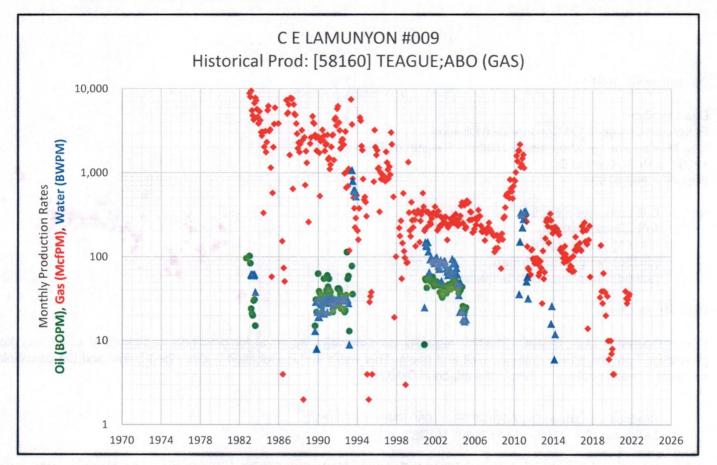
Decline curve analysis was used to create forecasts for each pool with a heavy weighting toward the last five years of production as it should most heavily influence future performance. Historical monthly volumes for each pool for the last five years as wells as a forecast of the combined pools are shown in Exhibit C. After comparing the forecasts generated from the historical production of the **C E Lamunyon #009** and the offset analogs for each pool, pool allocations were calculated on a proportional volume basis. This allocation, along with estimated IP rates for each pool after the comingling work is complete, are displayed in the table in Exhibit D.

After a review of internal records, the interest owners are identical for the aforementioned wells. As such, notification to the relevant parties of our intent to commingle production will not be necessary.

This proposed commingling of production is in the interest of conservation and will not result in reduced royalty or improper measurement of production. If you have any questions, please feel free to contact the undersigned. Thank you for your attention to this matter.

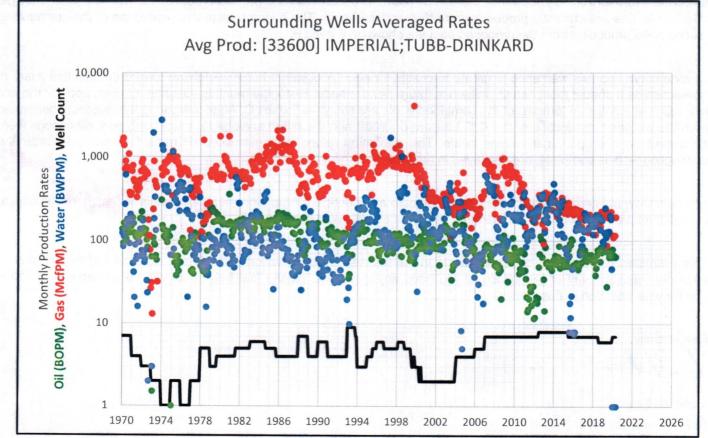
Respectfully.

Vanessa Neal Sr Reservoir Engineer Released to Imaging: 11/10/2022 2:20:16 PM



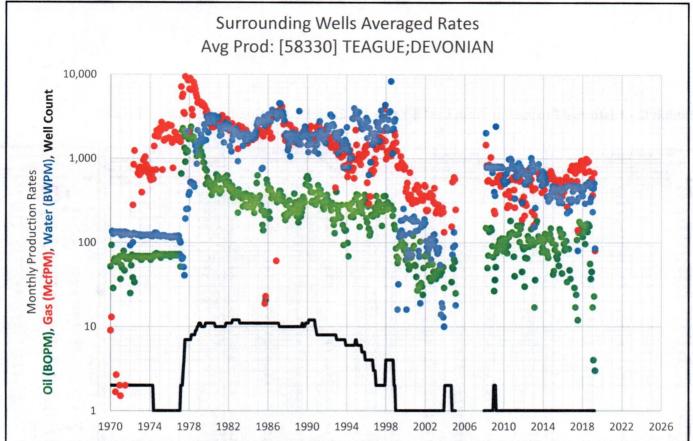




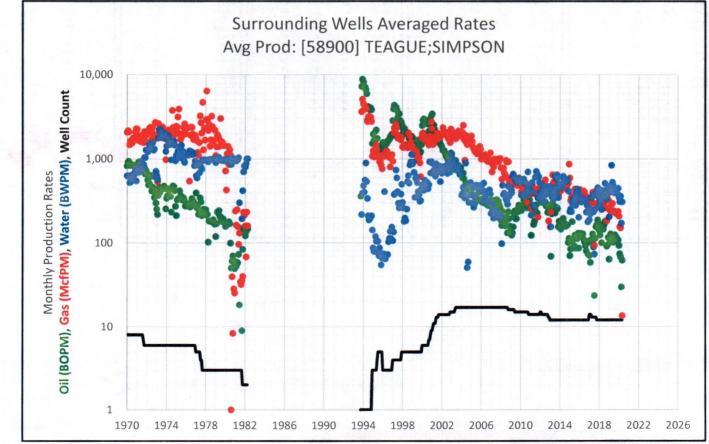


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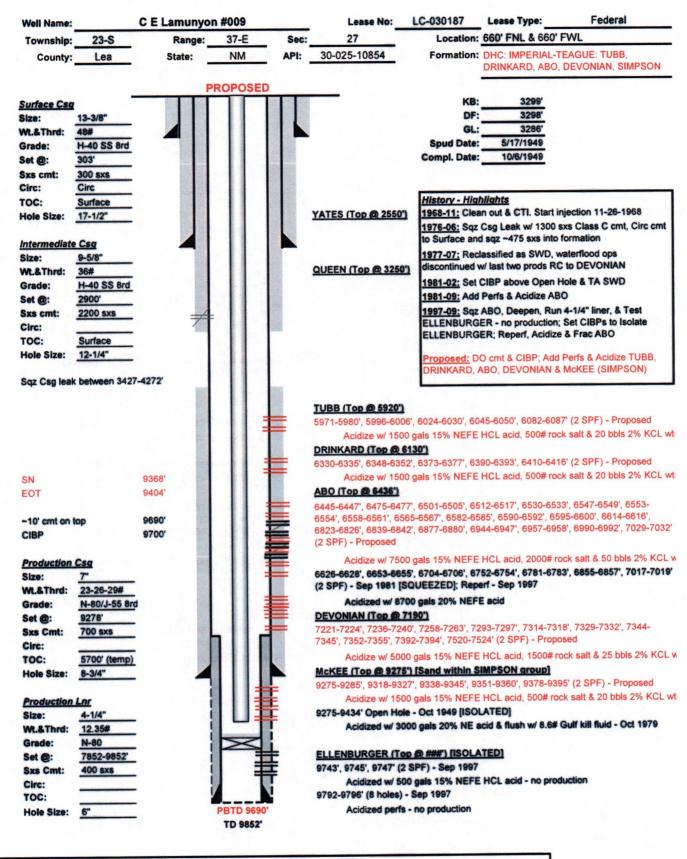
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Exhibit C – Historical Production from Last 5 Years for Each Pool & Combined Future Forecast

		g Wells Aver					g Wells Ave				Surrounding						INYON #009		Synthetic Decline Curve			
Avg			UBB-DRINKA	Well	A			E;DEVONIAN	144-11		Avg Prod: [5			Well	Historical		60] TEAGUE;			Avg Oil	Avg Gas	Avg Wate
Date	Avg Oil (BOPM)	Avg Gas (McfPM)	Avg Water (BWPM)	Count	Date	Avg Oil (BOPM)	Avg Gas (McfPM)	Avg Water (BWPM)	Well Count	Date	Avg Oil (BOPM)	Avg Gas (McfPM)	Avg Water (BWPM)	Count	Date	Avg Oil (BOPM)	Avg Gas (McfPM)	Avg Water (BWPM)	Month	(BOPM)	(McfPM)	(BWPM)
5/1/2016	55	234	148	7	5/1/2016	105	607	465	1	5/1/2016	128	398	319	12	5/1/2016	1	118	(/	1	230.8	917	703
6/1/2016	53	234	146	7	6/1/2016	34	269	225	1	6/1/2016	110	414	335	12	6/1/2016		136		2	229.7	915	
7/1/2016	45	214	164	7	7/1/2016			1	1	7/1/2016	102	404	324	12	7/1/2016		126		3	228.6	912	
8/1/2016	50	206	137	7	8/1/2016	84	519	327	1	8/1/2016	92	366	308	12	8/1/2016		125		4	227.5	910	69
9/1/2016	73	192	68	7	9/1/2016	47	495	240	1	9/1/2016		348	231	12	9/1/2016		146		5	226.4	908	694
10/1/2016	77	227	142 87	1	10/1/2016	37	735	480 304	1	10/1/2016	98 74	348 236	280 177	12	10/1/2016		123		6	225.4	905 903	69
1/1/2016	55	207	106	1	11/1/2016	-	823	332	1	11/1/2016	104	236	261	12	12/1/2016	14	232		8	223.2	901	
1/1/2017	69	191	137	7	1/1/2017		752	408	1	1/1/2017	71	276	186	14	1/1/2017		202		9	222.1	899	68
2/1/2017	58	177	129	7	2/1/2017		749	425	1	2/1/2017	59	250	219	14	2/1/2017		214		10	221.1	896	
3/1/2017	78	211	213	7	3/1/2017	29	694	480	1	3/1/2017	108	326	347	14	3/1/2017		256	1.4	11	220.0	894	68
4/1/2017	60	185	179	7	4/1/2017	17	674	455	1	4/1/2017	103	355	348	13	4/1/2017		153	in the state	12	219.0	892	
5/1/2017	69	206	189	7	5/1/2017	24	832	476	1	5/1/2017	127	399	374	13	5/1/2017		208		13	217.9	890	
6/1/2017	57	132	135	1	6/1/2017	108	540	313	1	6/1/2017	89	243	233	13	6/1/2017		142	122	14	216.9	888	
7/1/2017 8/1/2017	63 59	126 144	194 140	1	7/1/2017 8/1/2017	12 132	141 731	80 344	1	7/1/2017 8/1/2017	24 112	93 294	73 249	13	7/1/2017 8/1/2017		14		15	215.8 214.8	885 883	
9/1/2017	64	204	140	1	9/1/2017	152	835	436	1	9/1/2017	112	416	370	13	9/1/2017		233		17	214.8	881	
10/1/2017	68	181	167	1	10/1/2017	171	821	465	1	10/1/2017	163	409	410	12	10/1/2017		58		18	212.8	879	
1/1/2017	68	165	172	7	11/1/2017	148	944	446	1	11/1/2017	186	393	410	12	11/1/2017				19	211.7	876	
12/1/2017	65	163	152	7	12/1/2017	127	907	397	1	12/1/2017	146	362	353	12	12/1/2017		-		20	210.7	874	66
1/1/2018	65	165	119	7	1/1/2018	117	754	361	1	1/1/2018		312	273	12	1/1/2018				21	209.7	872	
2/1/2018	55	150	148	7	2/1/2018	137	841	429	1	2/1/2018		307	301	12	2/1/2018				22	208.7	870	
3/1/2018	61	180	186	7	3/1/2018	139	901	458	1	3/1/2018		401	427	12	3/1/2018		· ·		23	207.7	868	65
4/1/2018	39 47	118 150	156 204	1	4/1/2018	96 166	688 992	293 496	1	4/1/2018	100 144	265 350	248 366	12	4/1/2018				24	206.7	866	65
5/1/2018 6/1/2018	4/	150	186	- 1	5/1/2018 6/1/2018	168	992	496	1	5/1/2018 6/1/2018		286	300	12	5/1/2018 6/1/2018		1.1		25	205.7	863	
7/1/2018	77	169	189	1	7/1/2018	100	901	402	1	7/1/2018		260	340	12	7/1/2018		1		20	204.8	859	
8/1/2018	78	197	194	6	8/1/2018	165	930	527	1	8/1/2018		307	510	12	8/1/2018				28	202.8	857	
9/1/2018	78	199	195	6	9/1/2018	158	709	478	1	9/1/2018	182	260	428	12	9/1/2018		-		29	201.8	855	64:
10/1/2018	56	148	136	6	10/1/2018	56	480	308	1	10/1/2018	91	182	332	12	10/1/2018		33		30	200.9	853	63
11/1/2018	84	221	177	6	11/1/2018	37	496	341	1	11/1/2018		336	411	12	11/1/2018		137		31	199.9	851	
12/1/2018	72	221	174	6	12/1/2018	45	580	452	1	12/1/2018	116	323	470	12	12/1/2018	Para and a	39	200	32	199.0	848	
1/1/2019	74	218	97	9	1/1/2019	17	368	232	1	1/1/2019		261	203	12	1/1/2019		28		33 34	198.0	846 844	63
2/1/2019 3/1/2019	75	202	91 125	2	2/1/2019 3/1/2019	4	459 675	444 509	1	2/1/2019 3/1/2019	107	242 263	397 451	12	2/1/2019 3/1/2019		64 39		34	197.1 196.1	844	
4/1/2019	75	226	243	2	4/1/2019	3	80	85	1	4/1/2019		265	840	12	4/1/2019		39		36	196.1	840	
5/1/2019	78	222	110	6	5/1/2019	-		-	0	5/1/2019		293	524	12	5/1/2019		20		37	194.2	838	
6/1/2019	28	88	121	6	6/1/2019		in the second se	Contraction of the	0	6/1/2019		238	481	12	6/1/2019		1000000		38	193.3	836	
7/1/2019	73	190	128	6	7/1/2019				0	7/1/2019	105	230	459	12	7/1/2019		34		39	192.4	834	62
8/1/2019	77	201	125	6	8/1/2019	-	1	1.50	0	8/1/2019		237	391	12	8/1/2019		10		40	191.5	832	
9/1/2019	63	199	129	6	9/1/2019		-	100.000	0	9/1/2019		223	432	12	9/1/2019		6		41	190.6	830	
10/1/2019	69	202	199	6	10/1/2019	•	•		0	10/1/2019		222	401	12	10/1/2019				42	189.6	828	
1/1/2019	65 64	220 189	180 46	9	11/1/2019 12/1/2019		1		0	11/1/2019 12/1/2019		234 235	387	12	11/1/2019		10		43	188.7	825	
1/1/2019	79	189	40	9	1/1/2019				0	1/1/2019	93	235	349	12	12/1/2019 1/1/2020		8		44	187.8	823	
2/1/2020	65	109	1	7	2/1/2020				0	2/1/2020	74	155	308	12	2/1/2020		4		46	186.0	819	
3/1/2020	67	114	1	7	3/1/2020			1.1	0	3/1/2020		150	360	12	3/1/2020		4		47	185.2	817	60
4/1/2020	64	115	1	7	4/1/2020	-	-		0	4/1/2020	30		171	12	4/1/2020				48	184.3	815	60
5/1/2020	64	190	1	7	5/1/2020			1.1.1	0	5/1/2020	62	14	307	12	5/1/2020				49	183.4	813	
6/1/2020	63	260	1	7	6/1/2020				0	6/1/2020	46	40	238	12	6/1/2020				50	182.5	811	
7/1/2020	54	302	1	7	7/1/2020		-	1.10-200	0	7/1/2020	66	24	331	12	7/1/2020				51	181.6	809	
8/1/2020	69	159	1	1	8/1/2020		· · · · ·	- 10 M	0	8/1/2020	56	1	317	12	8/1/2020				52	180.8	807	
9/1/2020	62 56	325 17	1	1	9/1/2020 10/1/2020					9/1/2020	96 34	1	454 196	12	9/1/2020 10/1/2020				53	179.9 179.1	805 803	
1/1/2020	64	298	2	1	11/1/2020			1	0	11/1/2020	70	4	408	12	11/1/2020				55	178.2	801	58
2/1/2020	66	137	1	7	12/1/2020	212 -			0	12/1/2020	69		356	12	12/1/2020		1.1.1		56	177.3	799	
1/1/2021	134	109	0	8	1/1/2021	- 7		10.5.2	1	1/1/2021	49		214	12	1/1/2021		1	1	57	176.5	797	
2/1/2021	87	92	29	8	2/1/2021		-	1383-11	1	2/1/2021	21		115	12	2/1/2021				58	175.7	795	
3/1/2021	153	78	0	8	3/1/2021		-	1	1	3/1/2021		88		12	3/1/2021				59	174.8	793	58
4/1/2021	244	163	0	8	4/1/2021	26	-	6	1	4/1/2021	92		18	11	4/1/2021			13.9	60	174.0	791	57
5/1/2021	282	203	41	8	5/1/2021	45	469	27	1	5/1/2021	114	428	62	11	5/1/2021		39					
6/1/2021	87	115	49	8	6/1/2021	53	416		1	6/1/2021	98	302	450	11	6/1/2021		32					
7/1/2021	128	99	151	8	7/1/2021	51	407	281	1	7/1/2021	126	423	659	9	7/1/2021		28					
8/1/2021 9/1/2021	138 261	103 130	681 510	1	8/1/2021 9/1/2021	84 74	632 539	650 592	1	8/1/2021 9/1/2021	124 270	403 626	923 868	8	8/1/2021 9/1/2021		31					
J 1/ 2021	201	150	210	4	9/1/2021	130	539	592 799	1	9/1/2021	356	626 894	900	1	9/1/2021		34					

Exhibit D – Pool Allocations & Post Workover IP Rates

	OIL	GAS	WATER	POOL
5 yr Cum	5,037	10,297	7,793	4.4.
Allocated %	38%	21%	19%	[33600] IMPERIAL; TUBB- DRINKARD
IP Rate	2.8	5.6	4.3	
5 yr Cum	-	2,671	-	
Allocated %	-	6%		[58160] TEAGUE; ABO (GAS)
IP Rate	-	1.5		
5 yr Cum	2,875	23,854	14,344	
Allocated %	22%	49%	36%	[58330] TEAGUE; DEVONIAN
IP Rate	1.6	13.1	7.9	
IP Rate	4.3	20.2	12.1	Commingled (Total)



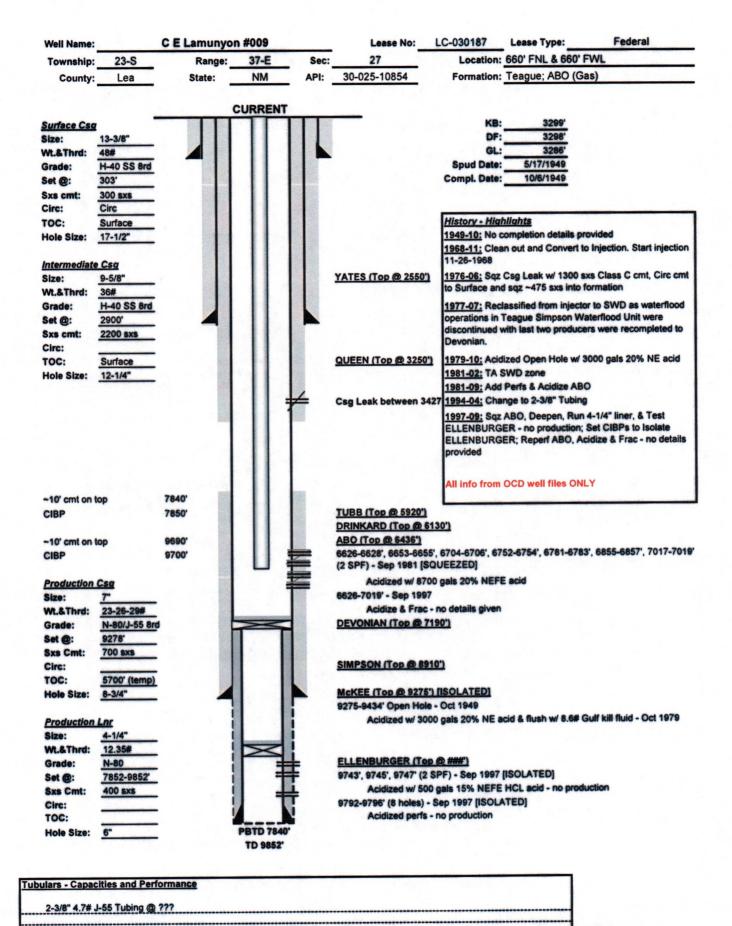
Tubulars - Capacities and Performance

2-3/8" 4.7# J-55 Tubing (~290 jts 2-3/8" tubing, SN, 4' perf sub, MA w/ bull plug)

WBD_C E Lamunyon #009_CURRENT_2021-05-11.xlsx

VGN 12/6/2021

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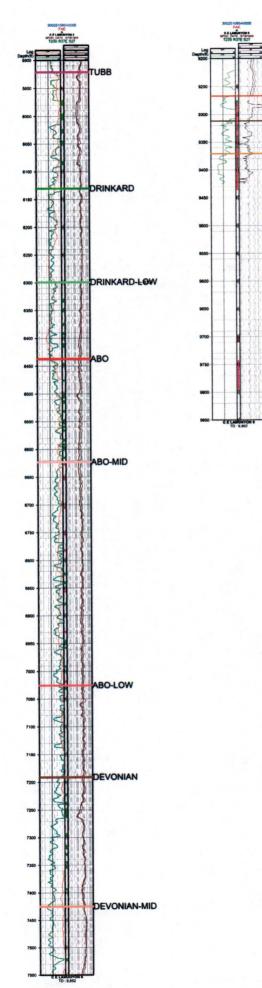
WBD_C E Lamunyon #009_CURRENT_2021-05-11.xlsx

VGN 12/6/2021

MCKEE_A

MCKEE_B

MCKEE_C



API14	SOURCE	FMNAME	PERF TYPE	TOP PERF	BASE PERF	INTERVA
30025108540000	CJH	TUBB	PROPOSED	5971	5980	9
30025108540000	CJH	TUBB	PROPOSED	5996	6006	10
30025108540000	CJH	TUBB	PROPOSED	6024	6030	6
30025108540000	CJH	TUBB	PROPOSED	6045	6050	5
30025108540000	CJH	TUBB	PROPOSED	6082	6087	5
30025108540000	CJH	DKRD	PROPOSED	6330	6335	5
30025108540000	CJH	DKRD	PROPOSED	6348	6352	4
30025108540000	CJH	DKRD	PROPOSED	6373	6377	4
30025108540000	CJH	DKRD	PROPOSED	6390	6393	3
30025108540000	CJH	DKRD	PROPOSED	6410	6416	6
30025108540000	CJH	ABO	PROPOSED	6445	6447	2
30025108540000	CJH	ABO	PROPOSED	6475	6477	2
30025108540000	CJH	ABO	PROPOSED	6501	6505	4
30025108540000	CJH	ABO	PROPOSED	6505	6507	2
30025108540000	CJH	ABO	PROPOSED	6512	6517	5
30025108540000	CJH	ABO	PROPOSED	6530	6532	2
30025108540000	CJH	ABO	PROPOSED	6531	6533	2
30025108540000	CJH	ABO	PROPOSED	6547	6549	2
30025108540000	CJH	ABO	PROPOSED	6547	6549	2
30025108540000	CJH	ABO	PROPOSED	6553	6554	1
30025108540000	CJH	ABO	PROPOSED	6558	6561	3
30025108540000	CJH	ABO	PROPOSED	6565	6567	2
30025108540000	CJH	ABO	PROPOSED	6582	6585	3
30025108540000		ABO	PROPOSED	6590	6592	2
30025108540000		ABO	PROPOSED	6595	6598	3
30025108540000		ABO	PROPOSED	6598	6600	2
30025108540000		ABO	PROPOSED	6614	6616	2
30025108540000		ABO	PROPOSED	6823	6826	3
30025108540000	CJH	ABO	PROPOSED	6839	6842	3
30025108540000		ABO	PROPOSED	6877	6880	3
30025108540000		ABO	PROPOSED	6944	6947	3
30025108540000		ABO	PROPOSED	6957	6958	1
30025108540000		ABO	PROPOSED	6990	6992	2
30025108540000		ABO	PROPOSED	7029	7032	3
30025108540000		DVNN	PROPOSED	7221	7224	3
30025108540000		DVNN	PROPOSED	7236	7240	4
30025108540000		DVNN	PROPOSED		7263	5
30025108540000		DVNN	PROPOSED	1	7297	4
30025108540000		DVNN	PROPOSED		7318	4
30025108540000		DVNN	PROPOSED		7332	3
30025108540000		DVNN	PROPOSED		7345	1
30025108540000		DVNN	PROPOSED		7355	3
30025108540000		DVNN	PROPOSED		7394	2
30025108540000		DVNN	PROPOSED		7524	4
30025108540000		MCKE	PROPOSED		9285	10
30025108540000		MCKE	PROPOSED		9327	9
30025108540000		MCKE	PROPOSED	1	9345	7
30025108540000		MCKE	PROPOSED		9360	9
30025108540000		MCKE	PROPOSED		9395	17
50025106540000	- un	MICKL	. HOI OJED	0010	SUM	199

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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

	API Numbe -025-108			ol Code 8600		IKARD			
⁴ Property 33068	28			s CE	⁶ Well Number #009				
⁷ OGRID 32932				8 FAE II (⁹ Elevation 3299'			
4				10 Sur	face Location	n			
UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
D	27	23S	37E		660	Ν	660	W	LEA
			" Bottom]	Hole Locat	ion If Differe	ent From Sur	rface	P	
UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
D	27	235	37E		660	N	660	W	LEA
Dedicated Acres 40		r Infill ¹⁴ C Y	onsolidation Code	¹⁵ Order No.					

16			¹⁷ OPERATOR CERTIFICATION
			I hereby certify that the information contained herein is true and complete to
660'			the best of my knowledge and belief, and that this organization either owns a
9			working interest or unleased mineral interest in the land including the
0			proposed bottom hole location or has a right to drill this well at this location
660'			pursuant to a contract with an owner of such a mineral or working interest,
			or to a voluntary pooling agreement or a compulsory pooling order
			heretofore entered by the division.
			 11/29/2021
NW/4 NW/4			Signature Date
Sec 27 (40 acres)			
500 27 (40 deres)			VANESSA NEAL
			Printed Name
	with the state of		vanessa@faenergyus.com
			E-mail Address
			*SURVEYOR CERTIFICATION
			I hereby certify that the well location shown on this plat
			was plotted from field notes of actual surveys made by
			me or under my supervision, and that the same is true
			and correct to the best of my belief.
			 Date of Survey
			Signature and Seal of Professional Surveyor:
		also and a second	
			Certificate Number
			Certificate Number

40

Y

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
11 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462State 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

30	API Numbe			ol Code 8250						
⁴ Property 33068					⁵ Property Name C E LAMUNYON					
⁷ OGRID No. 329326			* Operator Name* ElevationFAE II OPERATING, LLC3299'							
				10 Sur	face Location	n				
UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County	
D	27	23S	37E	1.1	660	N	660	W	LEA	
			¹¹ Bottom	Hole Locat	ion If Differe	ent From Sur	rface			
UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County	
D	27	23S	37E		660	Ν	660	W	LEA	
Dedicated Acre	s ¹³ Joint o	r Infill 14 (Consolidation Code	¹⁵ Order No.						

16			¹⁷ OPERATOR CERTIFICATION
			I hereby certify that the information contained herein is true and complete to
660'			the best of my knowledge and belief, and that this organization either owns a
66			working interest or unleased mineral interest in the land including the
			proposed bottom hole location or has a right to drill this well at this location
660'			pursuant to a contract with an owner of such a mineral or working interest,
			or to a voluntary pooling agreement or a compulsory pooling order
			heretofore entered by the division.
			11/16/2021
			Vn_//m 11/10/2021
NW/4 NW/4			Signature Date
Sec 27 (40 acres)			VANESSA NEAL
			Printed Name
			vanessa@faenergyus.com
			E-mail Address
			*SURVEYOR CERTIFICATION
			I hereby certify that the well location shown on this plat
			was plotted from field notes of actual surveys made by
			me or under my supervision, and that the same is true
			and correct to the best of my belief.
		and the states	Date of Survey
			Signature and Seal of Professional Surveyor.
			Certificate Number
			Ceruncae Hunder

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

¹ API Number 30-025-10854			ol Code 8330	³ Pool Name TEAGUE; DEVONIAN					
⁴ Property Code 330686					Property Name LAMUNYON	たこと			ll Number #009
⁷ OGRID No. 329326				⁸ Operator Name FAE II OPERATING, LLC				⁹ Elevation 3299'	
				10 Sur	face Locatio	n			
UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
D	27	23S	37E		660	N	660	W	LEA
			¹¹ Bottom	Hole Locat	ion If Differ	ent From Sur	rface		
UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
D	27	23S	37E		660	N	660	W	LEA
² Dedicated Acre 40	s ¹³ Joint o	Y Infill ¹⁴ C	Consolidation Code	¹⁵ Order No.					

10		¹⁷ OPERATOR CERTIFICATION
	이 이 이 방송을 얻으셨는 것이 없다.	I hereby certify that the information contained herein is true and complete to
660°		the best of my knowledge and belief, and that this organization either owns a
- V	· · · · · · · · · · · · · · · · · · ·	working interest or unleased mineral interest in the land including the
		proposed bottom hole location or has a right to drill this well at this location
660'		pursuant to a contract with an owner of such a mineral or working interest,
000		or to a voluntary pooling agreement or a compulsory pooling order
		heretofore entered by the division.
		11/16/2021
		Vn/Vm
NW/4 NW/4		Signature Date
Sec 27 (40 acres)		VANESSA NEAL
		Printed Name
		vanessa@faenergyus.com
		E-mail Address
1 - 4		18SURVEYOR CERTIFICATION
		I hereby certify that the well location shown on this plat
		was plotted from field notes of actual surveys made by
		me or under my supervision, and that the same is true
		and correct to the best of my belief.
		Date of Survey
	100 A	Signature and Seal of Professional Surveyor:
		Certificate Number

U.S. Department of the Interior BUREAU OF LAND MANAGEMENT	Sundry Print Re 12/16		
Well Name: CE LA MUNYON	Well Location: T23S / R37E / SEC 27 / NWNW / 32.28078 / -103.157172	County or Parish/State: LEA / NM	
Well Number: 09	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:	
Lease Number: NMLC030187	Unit or CA Name:	Unit or CA Number:	
US Well Number: 3002510854	Well Status: Producing Gas Well	Operator: FAE II OPERATING LLC	

Notice of Intent

Sundry ID: 2649124

Type of Submission: Notice of Intent

Date Sundry Submitted: 12/16/2021

Date proposed operation will begin: 03/21/2022

Type of Action: Commingling (Subsurface) Time Sundry Submitted: 09:26 0

Procedure Description: FAE II intends to submit applications with the New Mexico Oil Conservation Division for approval of this DHC project. Proposed Procedure: DO cmt & CIBP; Add Perfs & Acidize TUBB, DRINKARD, ABO, DEVONIAN & McKEE (SIMPSON)

NOI Attachments

Procedure Description

BLM_Submittal_CE_LAMUNYON_20211216092600

ĸ	eceived by OCD: 11/10/2022 2:18:53 PM Well Name: CE LA MUNYON	Well Location: T23S / R37E / SEC 27 / NWNW / 32.28078 / -103.157172	County or Parish/State: LEA
	Well Number: 09	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
	Lease Number: NMLC030187	Unit or CA Name:	Unit or CA Number:
	US Well Number: 3002510854	Well Status: Producing Gas Well	Operator: FAE II OPERATING LLC

Operator Certification

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: VANESSA NEAL

Signed on: DEC 16, 2021 09:26 AM

Name: FAE II OPERATING LLC Title: Reservoir Engineer

Street Address: 11757 KATY FREEWAY, SUITE 1000

City: HOUSTON

Phone: (832) 219-0990

State: TX

Email address: VANESSA@FAENERGYUS.COM

Field Representative

Representative Name: Street Address: City: State: Phone: Email address:

Zip:

From:	Vanessa Neal
То:	McClure, Dean, EMNRD
Subject:	[EXTERNAL] downhole commingling application DHC-5165
Date: Tuesday, January 11, 2022 9:45:22 AM	
Attachments:	image001.png
	C-107a Pkg C E Lamunyon #009 2022-01-11.pdf

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Mr. McClure,

I was reviewing the application that had been submitted for C E Lamunyon #009 (30-025-10854) and found several errors on our part. One of the pools we wanted to commingle was left off of about half the forms submitted. Attached is a corrected DHC packet.

Of the pools we would like to comingle, half are commonly DHC in the area. We are still are in the process of collecting gas and water samples for compatibility analysis of all pools and will submit in support of this application when analysis is complete.

Thank you, Vanessa Neal |Sr Reservoir Engineer

forty acres energy

11757 Katy Freeway, Suite 725 | Houston, TX 77079

- O <u>832.219.0990 (ext 165)</u>
- C <u>979.255.3476</u>
- E <u>vanessa@faenergyus.com</u>

From:	Vanessa Neal	
То:	McClure, Dean, EMNRD	
Cc:	Kautz, Paul, EMNRD	
Subject:	RE: [EXTERNAL] RE: APD for C E Lamunyon 009	
Date:	Monday, April 25, 2022 5:00:26 PM	
Attachments:	image001.png	
	DHC Letter 2022-04-25.pdf	

Hi Dean,

Our land group has confirmed that the ownership is identical for the proposed downhole commingled zones at the updated pool spacing. An updated identical ownership statement is attached.

Thank you, Vanessa Neal |Sr Reservoir Engineer

forty acres energy

O <u>832.219.0990 (ext 165)</u>

C <u>979.255.3476</u>

From: McClure, Dean, EMNRD <Dean.McClure@state.nm.us>
Sent: Monday, April 25, 2022 2:55 PM
To: Vanessa Neal <vanessa@faenergyus.com>
Cc: Kautz, Paul, EMNRD <paul.kautz@state.nm.us>
Subject: FW: [EXTERNAL] RE: APD for C E Lamunyon 009

Vanessa,

Please submit a new identical ownership statement for DHC-5165 with consideration that the pool has now been updated and spacing changed from that submitted with the original application.

Dean McClure Petroleum Engineer, Oil Conservation Division New Mexico Energy, Minerals and Natural Resources Department (505) 469-8211

From: Kautz, Paul, EMNRD <paul.kautz@state.nm.us>
Sent: Monday, April 25, 2022 10:37 AM
To: McClure, Dean, EMNRD <<u>Dean.McClure@state.nm.us</u>>
Subject: FW: [EXTERNAL] RE: APD for C E Lamunyon 009

From: Vanessa Neal <<u>vanessa@faenergyus.com</u>>
Sent: Monday, April 25, 2022 8:50 AM
To: Kautz, Paul, EMNRD <<u>paul.kautz@state.nm.us</u>>

Subject: [EXTERNAL] RE: APD for C E Lamunyon 009

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Hi Paul,

I've attached the corrected C-102 for the Teague; Abo (Gas) pool.

Thank you, Vanessa Neal |Sr Reservoir Engineer

forty acres energy

O <u>832.219.0990 (ext 165)</u>

C <u>979.255.3476</u>

From: Kautz, Paul, EMNRD <paul.kautz@state.nm.us>
Sent: Monday, April 25, 2022 9:34 AM
To: Vanessa Neal <<u>vanessa@faenergyus.com</u>>
Subject: APD for C E Lamunyon 009

Hi Venessa,

The Teague; Abo (Gas) is a gas pool and requires 160 acres dedicated to it. Please e-mail me a new C-102 for the Teague; Abo (Gas) pool with 160 acres dedicated to it.

Paul Kautz Petroleum Specialist Hobbs District Geologist Energy Minerals Natural Resources Dept. Oil Conservation Division 1625 N. French Dr. Hobbs, NM 88240 Cell # 575-602-4493

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

COMMENTS

Operator:	OGRID:		
FAE II Operating LLC	329326		
11757 Katy Freeway, Suite 725	Action Number:		
Houston, TX 77079	157817		
	Action Type:		
	[IM-SD] Admin Order Support Doc (ENG) (IM-AAO)		
COMMENTS			

Created By	Comment	Comment Date	
dmcclure	Rejected under Action ID: 67388	11/10/2022	

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Action 157817

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

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1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Operator:	OGRID:
FAE II Operating LLC	329326
11757 Katy Freeway, Suite 725	Action Number:
Houston, TX 77079	157817
	Action Type:
	[IM-SD] Admin Order Support Doc (ENG) (IM-AAO)

CONDITIONS

Created By Condition dmcclure None

CONDITIONS

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Action 157817

Condition Date 11/10/2022

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