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ENGINEER

LOGGED IN

TYPE

APP NO.

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -



vanessa@faenergyus.com

e-mail Address

1220 South St. Francis Drive, Santa Fe, NM 87505

ADMINISTRATIVE APPLICATION CHECKLIST THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE **Application Acronyms:** [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication] [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling] [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement] [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion] [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase] [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response] [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A] Location - Spacing Unit - Simultaneous Dedication [A] ☐ NSL ☐ NSP ☐ SD Check One Only for [B] or [C] <u>Commingling</u> - Storage - <u>Measurement</u> [B] □ DHC □ CTB □ PLC □ PC □ OLS □ OLM Injection - Disposal - Pressure Increase - Enhanced Oil Recovery [C]□ WFX □ PMX □ SWD □ IPI □ EOR □ PPR [D] Other: Specify _____ **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or \square Does Not Apply [2] Working, Royalty or Overriding Royalty Interest Owners [A] [B] Offset Operators, Leaseholders or Surface Owner Application is One Which Requires Published Legal Notice [C][D] Notification and/or Concurrent Approval by BLM or SLO U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office For all of the above, Proof of Notification or Publication is Attached, and/or, [E][F]Waivers are Attached SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE [3] OF APPLICATION INDICATED ABOVE. **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative 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. 18 Jan 2022 Vanessa Neal Sr Reservoir Engineer Print or Type Name Title Date

District I ch Drive, Hobbs, NM 88240

<u>District II</u> 811 S. First St., Artesia, NM 88210

<u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410 District IV

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

Top and Bottom of Pay Section

State of New Mexico Energy, Minerals and Natural Resources Department

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

Form C-107A Revised August 1, 2011

7215-7358'

APPLICATION TYPE

X Single Well

Establish Pre-Approved Pools EXISTING WELLBORE <u>X</u> Yes ____No

APPLICATION FOR DOWNHOLE COMMINGLING

FAE II Operating LLC		11757 Katy Freeway, Suite 725 Houston, TX 77079	
Operator		Address	
C E LAMUNYON	#046	K-22-23S-37E	LEA
Lease	Well No.	Unit Letter-Section-Township-Range	County

OGRID No. <u>329326</u> Property Code <u>330686</u> API No. <u>30-025-26066</u> Lease Type: <u>X</u> Federal _ _State _ **UPPER ZONE** INTERMEDIATE **LOWER ZONE** DATA ELEMENT INTERMEDIATE ZONE 1 ZONE 2 WILDCAT G-01 TEAGUE: DEVONIAN. LANGLIE MATTIX: IMPERIAL: TUBB-S233728A; SAN Pool Name DRINKARD 7RVRS-Q-GRAYBURG NORTH ANDRES 37240 97267 33600 58360 Pool Code

(Perforated or Open-Hole Interval) ARTIFICAL LIFT ARTIFICAL LIFT ARTIFICAL LIFT ARTIFICAL LIFT Method of Production (Flowing or Artificial Lift) **Bottomhole Pressure**

3904-3922

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 35 API 35 API 40 API 39 API (Degree API or Gas BTU) Producing, Shut-In or

NEW ZONE NEW ZONE PRODUCING SHUT-IN New Zone Date and Oil/Gas/Water Rates of Last Production. Date: Date: Date: Date: (Note: For new zones with no production history, SEE SEE SEE SEE applicant shall be required to attach production estimates ATTACHED **ATTACHED ATTACHED**

Rates: ATTACHED and supporting data.) Rates: Rates: Rates: Fixed Allocation Percentage Oil Gas Oil Gas Oil Gas Oil Gas current or past production, supporting data or explanation 22.39 %

50.03 % 21.63 % 11.38 % 39.96 % 20.85 % will be required.) ADDITIONAL DATA

3424-3794

Are all working, royalty and overriding royalty interests identical in all commingled zones? No No

6389-6625

If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Are all produced fluids from all commingled zones compatible with each other?

X No __ No__<u>X</u>

17.56 %

16.20 %

Will commingling decrease the value of production?

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__X__ No__

NMOCD Reference Case No. applicable to this well:

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.

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TITLE Sr Reservoir Engineer **SIGNATURE** 01/27/2022 _DATE_

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



June 24, 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 #046

API: 30-025-26066

[33600] Imperial; Tubb-Drinkard

[37240] Langlie Mattix; 7 Rvrs-Q-Grayburg [97267] Wildcat G-01 S233728A; San Andres

[58360] Teague; Devonian, North

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



January 18, 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 #046

API: 30-025-26066

[37240] Langlie Mattix; 7RVRs-Queen-Grayburg [97267] Wildcat G-01 S233728A; San Andres

[33600] Imperial; Tubb-Drinkard [58360] Teague; Devonian, North

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: K-22-23S-37E 1780 FSL 1880 FWL

Lat/Long: 32.287487,-103.153244 NAD83

The well is currently producing from the [33600] Imperial; Tubb-Drinkard pool; Exhibit A shows the well's historical production from this pool. It is proposed to downhole commingle this pool with the [37240] Langlie Mattix; 7RVRs-Queen-Grayburg, [97267] Wildcat G-01 S233728A; San Andres, [58360] Teague; Devonian, North 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 #046** 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.

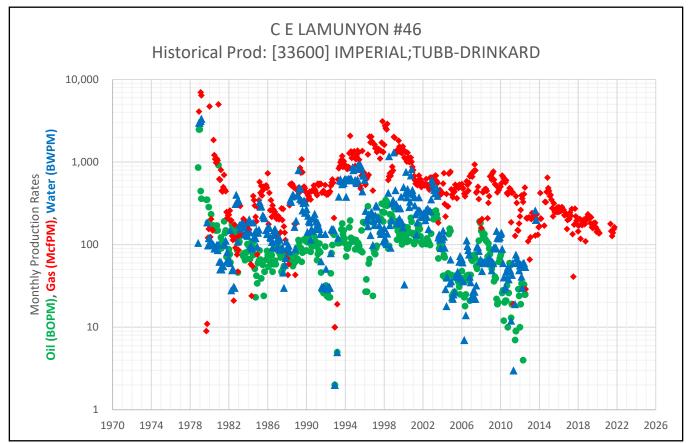
Respectfully,

Vanessa Neal

Sr Reservoir Engineer Released to Imaging: 11/10/2022 2:07:43 PM



Exhibit A - Historical Production of Current Pool



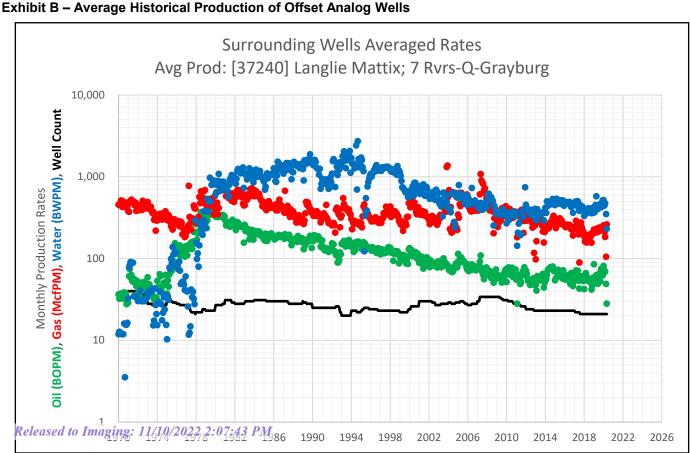
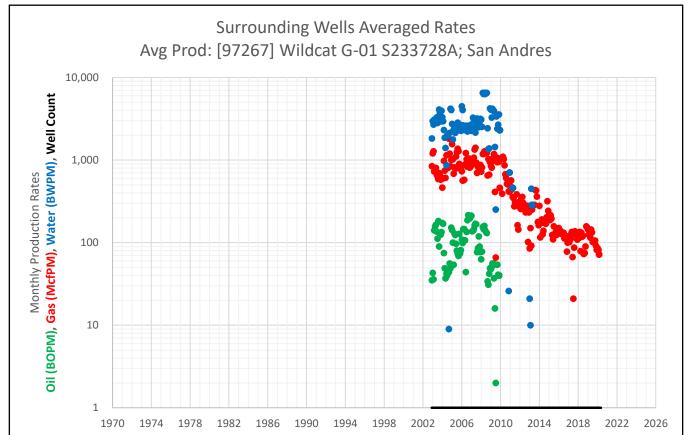




Exhibit B – Average Historical Production of Offset Analog Wells, cont



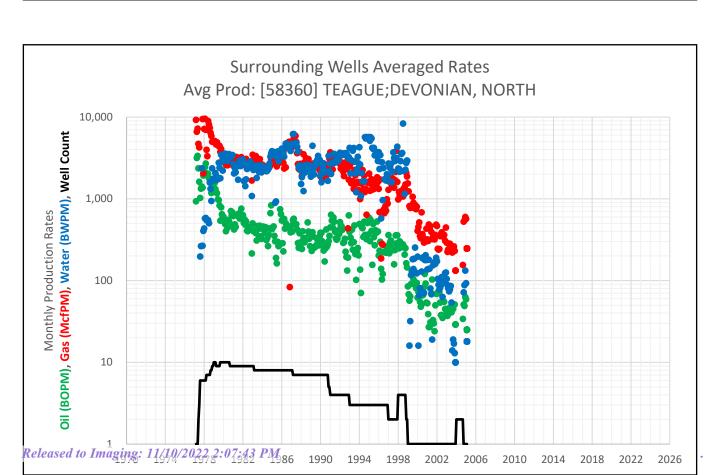




Exhibit C - Historical Production from Last 5 Years for Each Pool & Combined Future Forecast

Exhibit C – Historical Production from Last 5 Years for Each Pool & Combined Future Forecast Surrounding Wells Averaged Rates Surrounding Wells Averaged Rates Surrounding Wells Averaged Rates															
Avg Pro		-	ged Rates 7 Rvrs-Q-Gray	hurg	Avg Pro			aged Rates !33728A; San <i>A</i>	Andres		Δι		•	aged Rates evonian, North	
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
5/1/2016	56	254	492	23	7/1/2004	40	814	1,968	1	-	9/1/1999	98	772	185	1
6/1/2016	62	260	476	23	8/1/2004	45	805	-	1	-	10/1/1999	90	845	254	1
7/1/2016	64	258	492	23	9/1/2004	44	1,814	9	1	-	11/1/1999	81	749	125	1
8/1/2016	49	243	477	23	10/1/2004	56	1,197	2,130	1	-	12/1/1999	94	802	123	1
9/1/2016	67	228	428	23	11/1/2004	49	839	4,176	1	-	1/1/2000	62	406	196	1
10/1/2016 11/1/2016	63 46	247 192	456 365	23 23	12/1/2004 1/1/2005	152 142	1,002 1,562	4,041 2,744	1	-	2/1/2000 3/1/2000	73 77	455 515	16 66	1
12/1/2016	53	228	460	23	2/1/2005	100	1,023	1,774	1	1	4/1/2000	55	350	81	1
1/1/2017	63	236	488	23	3/1/2005	54	684	2,328	1	-	5/1/2000	48	330	75	1
2/1/2017	59	232	452	22	4/1/2005	129	819	2,333	1	1	6/1/2000	51	685	129	1
3/1/2017	72	291	501	22	5/1/2005	124	781	2,130	1	-	7/1/2000	66	371	188	1
4/1/2017	63	255	474	22	6/1/2005	97	1,106	2,524	1	-	8/1/2000	67	338	193	1
5/1/2017	71	278	505	22	7/1/2005	80	1,244	2,684	1	1	9/1/2000	83	292	71	1
6/1/2017 7/1/2017	54 43	198 90	419 385	22 22	8/1/2005 9/1/2005	74 69	1,370 1,281	2,843 2,561	1	-	10/1/2000 11/1/2000	121 92	303 301	179 205	1
8/1/2017	59	237	453	21	10/1/2005	128	898	2,582	1	-	12/1/2000	54	433	179	1
9/1/2017	61	277	426	21	11/1/2005	74	840	2,674	1		1/1/2001	53	320	137	1
10/1/2017	58	241	417	21	12/1/2005	81	779	2,258	1		2/1/2001	39	305	138	1
11/1/2017	58	221	433	21	1/1/2006	109	732	4,467	1	-	3/1/2001	27	486	180	1
12/1/2017	53	213	396	21	2/1/2006	99	565	4,044	1		4/1/2001	27	437	140	1
1/1/2018	42	187	332	21	3/1/2006	146	566	2,636	1		5/1/2001	31	464	80	1
2/1/2018	55 67	161 176	350 398	21 21	4/1/2006 5/1/2006	146 107	577 886	2,314	1	-	6/1/2001 7/1/2001	70 103	393 322	68	1
3/1/2018 4/1/2018	67 61	176 157	398 358	21	6/1/2006	107 44	1,214	2,399 2,550	1		7/1/2001 8/1/2001	103	322 340	19 154	1
5/1/2018	58	195	369	21	7/1/2006	135	1,024	2,603	1		9/1/2001	30	327	167	1
6/1/2018	55	180	409	21	8/1/2006	187	827	2,222	1	-	10/1/2001	24	319	160	1
7/1/2018	53	177	413	21	9/1/2006	215	897	2,445	1	1	11/1/2001	50	363	161	1
8/1/2018	52	197	406	21	10/1/2006	203	1,044	2,496	1	-	12/1/2001	69	483	190	1
9/1/2018	53	186	411	21	11/1/2006	197	809	2,533	1	-	1/1/2002	69	467	172	1
10/1/2018	42	156	359	21	12/1/2006	213	836	2,670	1	-	2/1/2002	72	245	105	1
11/1/2018 12/1/2018	47 59	207 211	407 414	21 21	1/1/2007 2/1/2007	212 137	899 883	2,262	1	-	3/1/2002 4/1/2002	74 72	239 244	89 78	1
1/1/2019	59 85	211	366	21	3/1/2007	140	1,016	2,597 3,258	1	-	5/1/2002	72 54	349	78 82	1
2/1/2019	56	205	370	21	4/1/2007	145	1,069	2,905	1	-	6/1/2002	38	373	88	1
3/1/2019	60	215	455	21	5/1/2007	162	1,343	3,121	1	-	7/1/2002	38	389	111	1
4/1/2019	63	219	578	21	6/1/2007	169	1,409	2,151	1	1	8/1/2002	35	369	63	1
5/1/2019	61	235	436	21	7/1/2007	167	930	2,459	1	1	9/1/2002	37	343	98	1
6/1/2019	49	213	405	21	8/1/2007	77	698	3,184	1	-	10/1/2002	55	363	105	1
7/1/2019 8/1/2019	64	217	455	21	9/1/2007	86	826	2,928	1	-	11/1/2002	45	307	124	1
8/1/2019 9/1/2019	66 53	241 227	452 422	21 21	10/1/2007 11/1/2007	119 90	836 861	2,505 2,916	1	-	12/1/2002 1/1/2003	45 43	447 291	126 105	1
10/1/2019	75	223	475	21	12/1/2007	77	876	3,157	1	-	2/1/2003	37	225	88	1
11/1/2019	63	228	432	21	1/1/2008	63	724	3,096	1	-	3/1/2003	43	241	81	1
12/1/2019	62	229	518	21	2/1/2008	78	813	2,531	1	1	4/1/2003	45	283	74	1
1/1/2020	82	255	521	21	3/1/2008	155	1,184	6,510	1	-	5/1/2003	47	283	78	1
2/1/2020	72	212	446	21	4/1/2008	146	1,183	6,300	1		6/1/2003	42	243	86	1
3/1/2020 4/1/2020	69 49	184 105	476 351	21 21	5/1/2008	160 141	1,269 1,285	6,510 6,300	1		7/1/2003 8/1/2003	41 46	252 221	54 14	1
4/1/2020 5/1/2020	49 28	105 262	232	21	6/1/2008 7/1/2008	141	1,285	6,300 6,510	1		9/1/2003	46 45	254	14 19	1
6/1/2020	46	151	292	21	8/1/2008	131	1,222	6,510	1		10/1/2003	51	262	17	1
7/1/2020	49	201	358	21	9/1/2008	34	652	2,428	1		11/1/2003	51	231	13	1
8/1/2020	45	500	354	21	10/1/2008	31	1,030	1,360	1	-	12/1/2003	29	133	10	1
9/1/2020	63	148	382	21	11/1/2008	42	666	1,385	1	-	1/1/2004	-	-	-	2
10/1/2020	41	22	250	21	12/1/2008	49	944	4,222	1	-	2/1/2004	-	-	-	2
11/1/2020	43	197	298	21	1/1/2009	48	855	4,080	1	-	3/1/2004	-	-	-	2
12/1/2020 1/1/2021	46 29	543 215	385 206	21 21	2/1/2009 3/1/2009	51 56	812 971	3,279 4,185	1	-	4/1/2004 5/1/2004	-	-	-	4
2/1/2021	23	126	157	21	4/1/2009	56	1,062	4,023	1		6/1/2004	-	-	-	2
3/1/2021	42	482	284	21	5/1/2009	37	1,186	3,906	1		7/1/2004	-	-	-	2
4/1/2021	70	9	263	21	6/1/2009	16	411	1,442	1		8/1/2004	-	-	-	2
5/1/2021	67	211	266	21	7/1/2009	2	66	252	1	-	9/1/2004	34	156	-	2
6/1/2021	52	195	332	21	8/1/2009	54	1,073	3,378	1	-	10/1/2004	51	528	72	1
7/1/2021	64	190	429	21	9/1/2009	54	944	2,398	1		11/1/2004	49	545	88	1
8/1/2021 Relea	sed to I	maging:	368 11/1 <u>9</u> /2	$022 \ 2:0$ 7:	10/1/2009 43 P/M ₂₀₀₉	41 40	1,055	2,682	1		1/1/2004	63 50	601 570	133	1
10/1/2021	39	189	224	15	12/1/2009	40	958 459	3,563 2,299	1		1/1/2005 2/1/2005	59 25	570 247	93 18	- 1



Exhibit C - Historical Production from Last 5 Years for Each Pool & Combined Future Forecast, cont

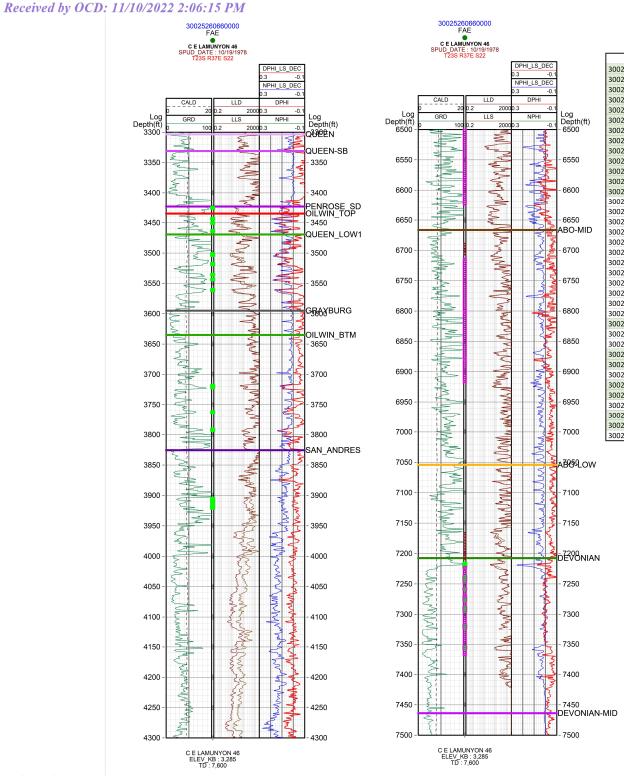
listorical Pro		INYON #46 MPERIAL; TUB	B-DRINKARD		Synthetic D	ecline Curve	
Date	Avg Oil (BOPM)	Avg Gas (McfPM)	Avg Water (BWPM)	Month	Avg Oil (BOPM)	Avg Gas (McfPM)	Avg (B\
2/1/2007	64	665	22	1	256.4	1,867	
3/1/2007	70	743	27	2	255.2	1,863	
4/1/2007	73	782	24	3	254.0	1,858	
5/1/2007	76	933	27	4	252.7	1,853	
6/1/2007	68	792	22	5	251.5	1,849	
7/1/2007	55	426	32	6	250.3	1,844	
8/1/2007	51	442	95	7	249.1	1,839	
9/1/2007	57	502	93	8	248.0	1,835	
10/1/2007	112	357	84	9	246.8	1,830	
1/1/2007	191	190	63	10	245.6	1,826	
12/1/2007	183	194	66	11	244.4	1,821	
1/1/2008	147	160	64	12	243.2	1,817	
2/1/2008	148	204	48	13	242.1	1,812	
3/1/2008	130	433	62	14	240.9	1,808	
4/1/2008	121	434	60	15	239.8	1,803	
5/1/2008	134	465	62	16	238.6	1,799	
6/1/2008	117	471	60	17	237.5	1,794	
7/1/2008	112	472	62	18	236.4	1,790	
8/1/2008	110	448	62	19	235.2	1,785	
9/1/2008	72	209	60	20	234.1	1,781	
10/1/2008	103	320	62	21	233.0	1,776	
11/1/2008	90	386	71	22	231.9	1,772	
12/1/2008	77	672	68	23	230.8	1,767	
1/1/2009	61	679	59	24	229.7	1,763	
2/1/2009	51	612	49	25	228.6	1,758	
3/1/2009	56	733	62	26	227.5	1,754	
4/1/2009	58	769	60	27	226.4	1,750	
5/1/2009	36	611	93	28	225.3	1,745	
6/1/2009	41	542	90	29	224.2	1,741	
7/1/2009	39	528	93	30	223.1	1,737	
8/1/2009	22	518	147	31	222.1	1,732	
9/1/2009	19 20	430 494	121 125	32 33	221.0 220.0	1,728	
10/1/2009	62	494	119	33	218.9	1,724 1,719	
.2/1/2009	68	494	124	35	217.9	1,715	
1/1/2010	74	507	134	36	217.9	1,713	
2/1/2010	80	555	140	37	215.8	1,711	
3/1/2010	26	688	89	38	214.8	1,707	
4/1/2010	28	667	60	39	213.7	1,698	
5/1/2010	12	638	40	40	212.7	1,694	
6/1/2010	20	609	29	41	211.7	1,690	
7/1/2010	21	566	31	42	210.7	1,685	
8/1/2010	21	601	47	43	209.7	1,681	
9/1/2010	32	423	40	44	208.7	1,677	
0/1/2010	10	408	53	45	207.7	1,673	
1/1/2010	26	428	38	46	206.7	1,669	
2/1/2010	60	483	48	47	205.7	1,664	
1/1/2011	56	473	49	48	204.7	1,660	
2/1/2011	13	187	12	49	203.7	1,656	
3/1/2011	19	425	43	50	202.8	1,652	
4/1/2011	-	430	60	51	201.8	1,648	
5/1/2011	-	19	3	52	200.8	1,644	
6/1/2011	-	-	-	53	199.9	1,640	
7/1/2011	7	128	19	54	198.9	1,636	
8/1/2011	9	387	76	55	198.0	1,631	
9/1/2011	-	320	69	56	197.0	1,627	
10/1/2011	-	150	62	57	196.1	1,623	
11/1/2011	29	148	60	58	195.1	1,619	
12/1/2011	24	180	49	59	194.2	1,615	
1/1/2012	10	220	56	60	193.3	1,611	
2/1/2012	19	263	58				
3/1/2012	34	395	41				
4/1/2012	31	362	30				

4/1/2012 31 362 30 5/1/2012 4 329 60 6/1 Released to Imaging: 11/4 0/2022 2:07:43 PM



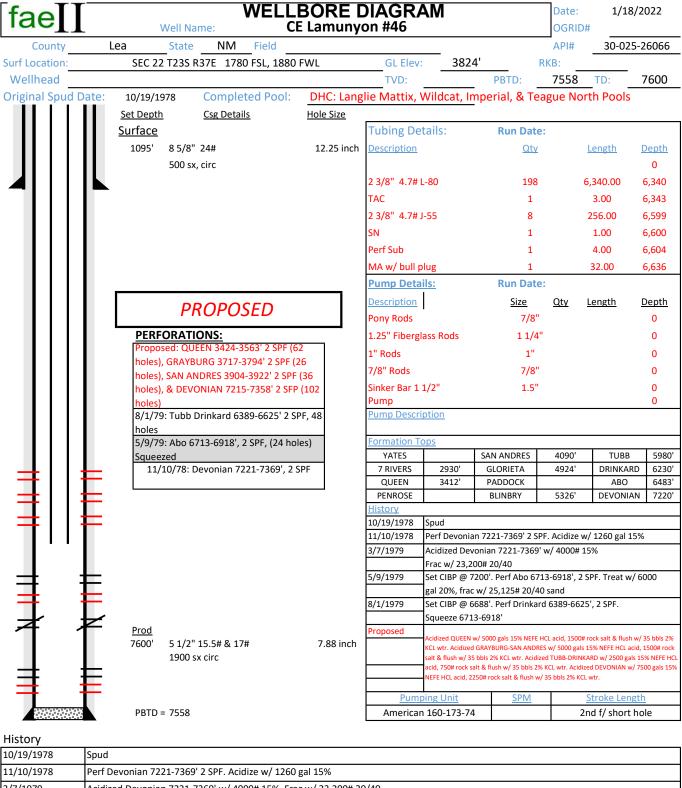
Exhibit D - Pool Allocations & Post Workover IP Rates

	OIL (bbls)	GAS (Mcf)	WATER (bbls)	POOL		
5 yr Cum	3,330	12,764	23,268			
Allocated %	21.63%	11.38%	10.68%	[37240] Langlie Mattix; 7 Rvrs-Q-Grayburg		
Daily IP Rate	1.8	7.0	12.7	/ NVIS-Q-Glaybulg		
5 yr Cum	6,154	56,122	185,406			
Allocated %	39.96%	50.03%	85.12%	[97267] Wildcat G-01 S233728A; San Andres		
Daily IP Rate	3.4	30.7	101.5	3233720A, Jan Andres		
5 yr Cum	2,705	18,178	5,244			
Allocated %	17.56%	16.20%	2.41%	[58360] Teague; Devonian, North		
Daily IP Rate	1.5	9.9	2.9	Devoman, North		
5 yr Cum	3,211	25,120	3,894			
Allocated %	20.85%	22.39%	1.79%	[33600] IMPERIAL; TUBB-DRINKARD		
Daily IP Rate	1.8	13.8	2.1	1000-DININKARD		
Daily IP Rate	8.4	61.4	119.2	Commingled (Total)		

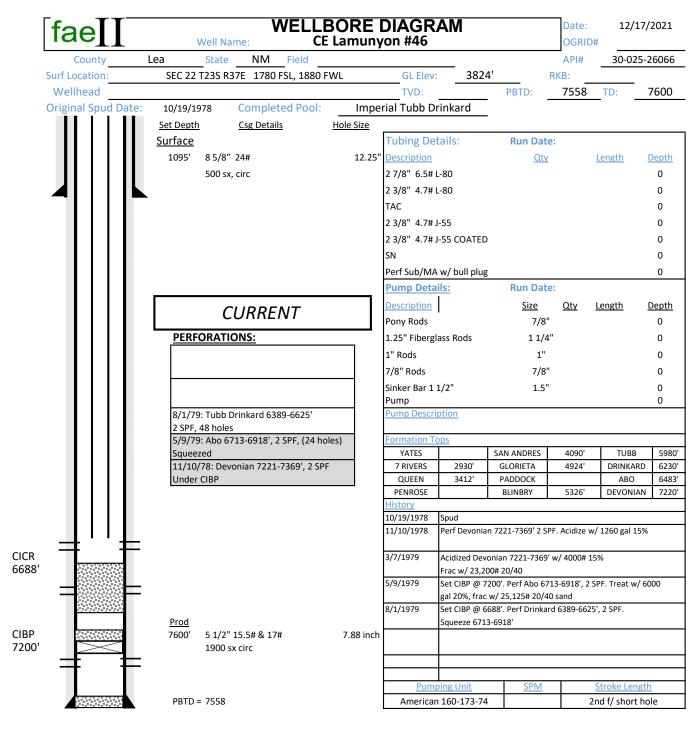


Permian Basin - New Mexico and Texas

30025260660000 30025260660000 30025260660000 30025260660000 30025260660000	CIH CIH CIH CIH	PROPOSED PROPOSED PROPOSED PROPOSED	QUEEN QUEEN QUEEN	3424 3442	3427	3
30025260660000 30025260660000	CJH	PROPOSED		3442		
30025260660000	CJH		OUEEN		3445	3
		PROPOSED		3449	3452	3
30025260660000	CJH		QUEEN	3462	3465	3
		PROPOSED	QUEEN	3500	3505	5
30025260660000	CJH	PROPOSED	QUEEN	3516	3520	4
30025260660000	CJH	PROPOSED	QUEEN	3534	3537	3
30025260660000	CJH	PROPOSED	QUEEN	3542	3545	3
30025260660000	CJH	PROPOSED	QUEEN	3559	3563	4
30025260660000	CJH	PROPOSED	GRBG	3717	3723	6
30025260660000	CJH	PROPOSED	GRBG	3761	3764	3
30025260660000	CJH	PROPOSED	GRBG	3790	3794	4
30025260660000	CJH	PROPOSED	S-A	3904	3922	18
30025260660000	OCD	ACTIVE		6389	6393	
30025260660000	OCD	ACTIVE		6420	6424	
30025260660000	OCD	ACTIVE		6446	6450	
30025260660000	OCD	ACTIVE		6491	6495	
30025260660000	OCD	ACTIVE		6583	6587	
30025260660000	OCD	ACTIVE		6621	6625	
30025260660000	OCD	BRIDGEPLUG		6688	6708	
30025260660000	OCD	SQUEEZED		6713	6716	
30025260660000	OCD	SQUEEZED		6800	6803	
30025260660000	OCD	SQUEEZED		6878	6881	
30025260660000	OCD	SQUEEZED		6915	6918	
30025260660000	OCD	BRIDGEPLUG		7165	7210	
30025260660000	CJH	PROPOSED	DVNN	7215	7224	9
30025260660000		ACTIVE		7221	7369	
30025260660000	OCD	ACTIVE		7222	7226	
30025260660000	CJH	PROPOSED	DVNN	7237	7247	10
30025260660000	CJH	PROPOSED	DVNN	7257	7260	3
30025260660000	OCD	ACTIVE		7269	7272	
30025260660000	CJH	PROPOSED	DVNN	7270	7278	8
30025260660000	CJH	PROPOSED	DVNN	7287	7296	9
30025260660000	OCD	ACTIVE		7315	7318	
30025260660000	CJH	PROPOSED	DVNN	7316	7323	7
30025260660000	CJH	PROPOSED	DVNN	7353	7358	5
30025260660000	OCD	ACTIVE		7366	7369	
·					SUM	113



10/19/1978	Spud
11/10/1978	Perf Devonian 7221-7369' 2 SPF. Acidize w/ 1260 gal 15%
3/7/1979	Acidized Devonian 7221-7369' w/ 4000# 15%, Frac w/ 23,200# 20/40
5/9/1979	Set CIBP @ 7200' and 35' of cmt on top. Perf Abo 6713-6918', 2 SPF. Treat w/ 6000 gal 20%, frac w/ 25,125# 20/40 sand
8/1/1979	Set Cmt retainer @ 6688' and squeeze Abo 6713-6918' w/ 100 sx. Perf Tubb Drinkard 6389-93, 6420-24, 6446-50, 6491-95, 6583-87, 6621-25', 2 SPF (48 holes). Treat w/ 1800 gal 15%, frac w/ 32,300 gal gel + 24,220# sand
Proposed	MIRU. DO cmt & BPs. CO to PBTD. Add Perfs & Acidize QUEEN-GRAYBURG-SAN ANDRES-TUBB-DRINKARD & DEVONIAN. RIH w/ tbg, pump & rods. RTP, DHC Pools.



History

10/19/1978	Spud
11/10/1978	Perf Devonian 7221-7369' 2 SPF. Acidize w/ 1260 gal 15%
3/7/1979	Acidized Devonian 7221-7369' w/ 4000# 15%, Frac w/ 23,200# 20/40
5/9/1979	Set CIBP @ 7200' and 35' of cmt on top. Perf Abo 6713-6918', 2 SPF. Treat w/ 6000 gal 20%, frac w/ 25,125# 20/40 sand
8/1/1979	Set Cmt retainer @ 6688' and squeeze Abo 6713-6918' w/ 100 sx. Perf Tubb Drinkard 6389-93, 6420-24, 6446-50, 6491-95, 6583-87, 6621-25', 2 SPF (48 holes). Treat w/ 1800 gal 15%, frac w/ 32,300 gal gel + 24,220# sand

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

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District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

	THE BOOK HIS THE BEST OF THE FIRST										
¹ API Numbe	er	² Pc	ool Code			³ Pool Name					
30-025-260	66	3	7240		LANGLIE MA	ATTIX; 7 RVRS-0	Q-GRAYBURG				
⁴ Property Code			5	Property Name	roperty Name ⁶ V						
330686		C E LAMUNYON					1	#046			
⁷ OGRID No.		⁸ Operator Name					9 E	⁹ Elevation			
329326			FAE II (OPERATING,	PERATING, LLC						
	¹⁰ Surface Location										
UL - Lot Section	Township	Range	Lot Idn	Feet from	N/S Line	E/W Line	County				

	CE 200	5000000	10 11 11 p	ge	200 1011	1 000 11 0111	1 W Dille	1000110111	z, zme	County		
	K	22	23S	37E		1780	S	1880	W	LEA		
	¹¹ 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		
	K	22	23S	37E		1780	S	1880	W	LEA		
I	¹² Dedicated Acres	13 Joint o	r Infill 14	Consolidation Code	15 Order No.							
	40	7	Y									
L												

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

17 OPERATOR CERTIFICAT 1 hereby certify that the information contained herein is true	1011
Thereby certify that the algorithmic Contained herein is the	and complete to
the best of my knowledge and belief, and that this organizati	•
working interest or unleased mineral interest in the land inci	
proposed bottom hole location or has a right to drill this wel	-
pursuant to a contract with an owner of such a mineral or w	
or to a voluntary pooling agreement or a compulsory poolin	-
heretofore Attered by the division.	goraer
1/18/202	2
Signature Date	
VANESSA NEAL	
Printed Name	
vanessa@faenergyus.com	
E-mail Address	
*SURVEYOR CERTIFICAT	'ION
NE/4 SW/4 I hereby certify that the well location shown	on this plat
Sec 22 (40 acres) was plotted from field notes of actual survey.	made by
me or under my supervision, and that the sar	ne is true
and correct to the best of my belief	
1880'	
Date of Survey	
Signature and Seal of Professional Surveyor:	
1780,	
Certificate Number	

¹ API Number

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

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<u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

² Pool Code

30	30-025-26066 58360 TEAGUE; DEVONIAN, I						NORTH	DRIH				
⁴ Property	Code			5	Property Name			6 W€	ell Number			
33068	6			i	#046							
7 OGRID	No.			8	Operator Name			9 F	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			
K	22	23S	37E		1780	S	1880	W	LEA			
			п 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			
K	22	23S	37E		1780	S	1880	W	LEA			
12 Dedicated Acres	¹³ Joint o	r Infill	Consolidation Code	15 Order No.								
40	40 Y											

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

16			¹⁷ OPERATOR CERTIFICATION
			I hereby certify that the information contained herein is true and complete to
			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
			proposed bottom hole location or has a right to drill this well at this location
			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
			heretofoye entered by the division.
			1/18/2022
			Signature Date
			VANESSA NEAL
			Printed Name
			vanessa@faenergyus.com
			E-mail Address
			GLIDLIELIOD GEDEVELG LEVOLI
			¹⁸ SURVEYOR CERTIFICATION
		NE/4 SW/4	I hereby certify that the well location shown on this plat
		Sec 22 (40 acres)	was plotted from field notes of actual surveys made by
			me or under my supervision, and that the same is true
10001	\circ		and correct to the best of my belief.
1880'			
			Date of Survey
			Signature and Seal of Professional Surveyor:
	1780		
	17		
			Certificate Number

¹ API Number

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

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

² Pool Code

30-025-26066			9'	7267	267 WILDCAT G-01 S233728A; SAN A				ANDRES	
⁴ Property (Code	⁵ Property Name					⁶ We	⁶ Well Number		
33068	6			CE	LAMUNYON			#	#046	
7 OGRID	No.			8	Operator Name			9 E	⁹ Elevation	
32932	6			FAE II C	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	
K	22	23S	37E		1780	S	1880	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	
K	22	23S	37E		1780	S	1880	W	LEA	
12 Dedicated Acres	13 Joint o	r Infill	Consolidation Code	15 Order No.						
40	1	Y								

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

16				17 ODED A TOD CEDTIFICATION
				¹⁷ OPERATOR CERTIFICATION
				I hereby certify that the information contained herein is true and complete to
				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
				proposed bottom hole location or has a right to drill this well at this location
				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
				heretoforgentered by the division.
				1/18/2022
				Signature Date
				VANESSA NEAL
				Printed Name
				vanessa@faenergyus.com
				E-mail Address
				18SURVEYOR CERTIFICATION
		NE/4 SW/4		I hereby certify that the well location shown on this plat
		Sec 22 (40 acres)		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.
1880'				
				Pote of Surray
				Date of Survey
				Signature and Seal of Professional Surveyor:
	0,0			
	1780			
				Certificate Number
1	<u> </u>	l	l	

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II 811 S. First St., Artesia, NM 88210

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number		² Pool Code	³ Pool Name	
30-025-26066 33600 IMPERIAL; TUBB-I		IMPERIAL; TUBB-DRINKA	RD	
⁴ Property Code		⁵ Pı	coperty Name	⁶ Well Number
330686	C E LAMUNYON			#046
⁷ OGRID No.	⁸ Operator Name			⁹ Elevation
329326	FAE II OPERATING, LLC			3299'
_	•	10 Curfo	aga I agation	

ſ	UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
Ĺ	K	22	23S	37E		1780	S	1880	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
	K	22	23S	37E		1780	S	1880	W	LEA
ſ	¹² Dedicated Acres	13 Joint o	r Infill	Consolidation Code	15 Order No.					
	40	7	Y							
	40	7	Y							

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16			17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to 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 proposed bottom hole location or has a right to drill this well at this location 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. 1/18/2022 Signature Date
		NE/4 SW/4 Sec 22 (40 acres)	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
1880'			and correct to the best of my belief. Date of Survey
	1780°		Signature and Seal of Professional Surveyor: Certificate Number



U.S. Department of the Interior BUREAU OF LAND MANAGEMENT Sundry Print Report?

Well Name: CE LA MUNYON Well Location: T23S / R37E / SEC 22 / County or Parish/State: LEA /

NESW / 32.287487 / -103.15321

Well Number: 46 Type of Well: OIL WELL Allottee or Tribe Name:

Lease Number: NMLC030187 Unit or CA Name: Unit or CA Number:

US Well Number: 3002526066 Well Status: Oil Well Shut In Operator: FAE II OPERATING

LLC

Notice of Intent

Sundry ID: 2655482

Type of Submission: Notice of Intent

Type of Action: Commingling (Subsurface)

Date Sundry Submitted: 02/03/2022 Time Sundry Submitted: 08:36

Date proposed operation will begin: 04/18/2022

Procedure Description: FAE II intends to submit application with the New Mexico Oil Conservation Division for approval of this downhole commingle project. Proposed: MIRU. DO cmt & BPs, CO to PBTD. Add Perfs & Acidize QUEEN-GRAYBURG-SAN ANDRES-TUBB-DRINKARD & DEVONIAN. RIH w/ tbg, pump & rods. RTP. DHC Langlie Mattix-Wildcat-Imperial & Teague North Pools.

NOI Attachments

Procedure Description

C_107a_Pkg_C_E_Lamunyon_46_2022_02_03_20220203083619.pdf

Page 1 of 2

eived by OCD: 11/10/2022 2:06:15 PM Well Name: CE LA MUNYON

Well Location: T23S / R37E / SEC 22 /

NESW / 32.287487 / -103.15321

County or Parish/State: LEA

Well Number: 46

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMLC030187

Unit or CA Name:

Unit or CA Number:

US Well Number: 3002526066

Well Status: Oil Well Shut In

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: FEB 03, 2022 08:36 AM

Name: FAE II OPERATING LLC

Title: Reservoir Engineer

Street Address: 11757 KATY FREEWAY, SUITE 1000

City: HOUSTON State: TX

Phone: (832) 219-0990

Email address: VANESSA@FAENERGYUS.COM

Field Representative

Representative Name:

Street Address:

State:

Zip:

Phone:

City:

Email address:

District III

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

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

COMMENTS

Action 157801

COMMENTS

Operator:	OGRID:
FAE II Operating LLC	329326
11757 Katy Freeway, Suite 725	Action Number:
Houston, TX 77079	157801
	Action Type:
	[IM-SD] Admin Order Support Doc (ENG) (IM-AAO)

COMMENTS

Created By	Comment	Comment Date
dmcclure	Rejected under Action ID: 78075	11/10/2022

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

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

CONDITIONS

Action 157801

CONDITIONS

Operator:	OGRID:
FAE II Operating LLC	329326
11757 Katy Freeway, Suite 725	Action Number:
Houston, TX 77079	157801
	Action Type:
	[IM-SD] Admin Order Support Doc (ENG) (IM-AAO)

CONDITIONS

Created By	Condition	Condition Date
dmcclure	None	11/10/2022