District II 811 S. First St., Artesia, NM 88210 District III

1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u>

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

State of New Mexico Energy, Minerals & Natural Resources

**Page 1 of 8** Form C-104 Revised August 1, 2011

County

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

Submit one copy to appropriate District Office

OWADIE AND AUTHODIZATION TO TRANSPORT

I. KE	QUEST FOR ALLOWABLE AND AUTHOR	AIZATION TO TRANSPORT			
<sup>1</sup> Operator name and Add	ress	<sup>2</sup> OGRID Number			
	FAE II Operating LLC	329326			
	11757 Katy Freeway, Suite 725 Houston, TX 77079	<sup>3</sup> Reason for Filing Code/ Effective Date RC / 4/12/2021			
<sup>4</sup> API Number	<sup>5</sup> Pool Name	<sup>6</sup> Pool Code			
<b>30 – 0</b> 25 – 26106	JALMAT; TAN-YATES-7 RVRs (OIL)	33820			
<sup>7</sup> Property Code	<sup>8</sup> Property Name	<sup>9</sup> Well Number			
326919	ARNOTT RAMSAY NCT-B	#004			

II. 10 Surface Location Ul or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South Line | Feet from the | East/West line |

D	32	25S	37E		330	NORTI	Н	330	W	EST	LEA
11 Bottom Hole Location											
Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South	Line	Feet from the	East/	West line	County
D	32	25S	37E		330	NORTI	Η	330	W	EST	LEA
12 Lse Code	<sup>3</sup> Producing	Method Code			<sup>15</sup> C-129 Pern	nit Number	<sup>16</sup> (	C-129 Effective l	Date	<sup>17</sup> C-12	9 Expiration Date
S		P	4/12/2	2021							

18 Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
371183	ETC TEXAS PIPELINE LTD 8111 WESTCHESTER DR DALLAS, TX 75225	G
34053	PLAINS MARKETING L.P. 333 CLAY STREET, SUITE 1900 HOUSTON, TX 77002	О

IV. Well Completion Data

<sup>21</sup> Spud Date 3/11/2021		eady Date 2/2021	<sup>23</sup> TD 3600'	<sup>24</sup> <b>PBTD</b> 3255'	<sup>25</sup> Perforation 2820-3226	,
<sup>27</sup> Hole Siz	e	<sup>28</sup> Casing	& Tubing Size	<sup>29</sup> Depth Set		<sup>30</sup> Sacks Cement
12-1/4"		8	-5/8"	352'		275 sxs
7-7/8"		4	-1/2"	3600'		675 sxs
		2	-3/8"	3250'		

V. Well Test Data

31 Date New Oil	<sup>32</sup> Gas Delivery Date	33 Test Date	<sup>34</sup> Test Length	35 Tbg. Pressure 36 Csg. Pressu					
<sup>37</sup> Choke Size	<sup>38</sup> Oil	<sup>39</sup> Water	<sup>40</sup> Gas	41 Test Me					
been complied with a	t the rules of the Oil Conse and that the information give of my knowledge and belie	en above is true and	OIL CONSERVATION DIVISION  Approved by: Dean R Molline						
Printed name: VANESSA NEAL			Title: Petroleum Engineer						
Title: SR RESERVOIR ENGINEER			Approval Date: 01/19/2023						
E-mail Address: vanessa@faenergyus.com									
Date: 15 SEP 202	Phone:								

<sup>1</sup> 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 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 <u>District IV</u> 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

<sup>2</sup> Pool Code

30-	-025-261	06	33	3820		RVRs (OIL)					
<sup>4</sup> Property 0	Code	<sup>5</sup> Property Name						<sup>6</sup> We	<sup>6</sup> Well Number		
32691	9	ARNOTT RAMSAY NCT-B							#004		
<sup>7</sup> OGRID	No.			8 (	Operator Name			9 E	Clevation		
32932	6			FAE II C	PERATING,	LLC		2	2999'		
	<sup>10</sup> Surface Location										
UL - Lot	Section	Township	Range	Lot Idn	Feet from	Feet from N/S Line Feet From E/W Line					
D	32	25S	37E		330	N	330	W	LEA		
			11 Bottom	Hole Locati	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	32	25S	37E		330 N 330 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.

10			<sup>17</sup> OPERATOR CERTIFICATION
330,			I hereby certify that the information contained herein is true and complete to
<b>⊢</b> o്~ ∣			the best of my knowledge and belief, and that this organization either owns a
330,			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,
	NW/4 NW/4		or to a voluntary pooling agreement or a compulsory pooling order
	Sec 32 (40 acres)		heretofore entered by the division.
			9/15/2022
			VV IIM
			Signature Date
			VANESSA NEAL
			Printed Name
			vanessa@faenergyus.com E-mail Address
			E-mail Address
			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
			Signature and Seal of Professional Surveyor:
			Certificate Number

ceived by Copp i SAppropriate Bisifici 59 A	State of New Me	exico		Form C-103 of
<u>District I</u> – (575) 393-6161	Energy, Minerals and Natu	ral Resources	WELL ADINO	Revised July 18, 2013
1625 N. French Dr., Hobbs, NM 88240 District II – (575) 748-1283			WELL API NO. 30-025-26106	
811 S. First St., Artesia, NM 88210	OIL CONSERVATION		5. Indicate Type of Le	Pase
District III – (505) 334-6178	1220 South St. Fran	ncis Dr.	STATE STATE	FEE
1000 Rio Brazos Rd., Aztec, NM 87410 District IV – (505) 476-3460	Santa Fe, NM 87	7505	6. State Oil & Gas Le	
1220 S. St. Francis Dr., Santa Fe, NM			B-229	
(DO NOT USE THIS FORM FOR PROPOS		UG BACK TO A	7. Lease Name or Uni	it Agreement Name
DIFFERENT RESERVOIR. USE "APPLIC PROPOSALS.)	ATION FOR PERMIT" (FORM C-101) FO	JR SUCH	ARNOTT RAMSAY	
	Gas Well Other		8. Well Number #0	004
2. Name of Operator FAE II Operating LLC			9. OGRID Number 329326	
3. Address of Operator			10. Pool name or Wile	dcat
11757 Katy Freeway, Suite 725, Ho	ouston, TX 77079		[33820] JALMAT; TA	
4. Well Location				
Unit LetterD:	330 feet from the NORTH	line and330_	feet from theW	ESTline
Section 32	Township 25S	Range 37E		LEA County
	11. Elevation (Show whether DR)			
	2999' GL			
12. Check A <sub>I</sub>	ppropriate Box to Indicate Na	ture of Notice, R	eport or Other Data	
NOTICE OF IN	TENTION TO:		SEQUENT REPO	RT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	<del>-</del>	TERING CASING
TEMPORARILY ABANDON	CHANGE PLANS	COMMENCE DRIL	<del>_</del>	ND A
PULL OR ALTER CASING	MULTIPLE COMPL	CASING/CEMENT	JOB 🗌	
DOWNHOLE COMMINGLE		0.0	NIEEZE 000 I EAK AF	ND DEDEC 0
CLOSED-LOOP SYSTEM  OTHER:			QUEEZE CSG LEAK, AD E, CONVERT TO PROD	
- · · · - · · ·	_		,	
	eted operations. (Clearly state all peck). SEE RULE 19.15.7.14 NMAC. mpletion.			
MIRU. Sqz csg leak @ 386'. Notified JALMAT 2820'-2838', 2846'-2850', 28 2952', 2957'-2960' 2963'-2970', 3010'- to isolated LANGLIE MATTIX. Dum 1500# rock salt & flush w/ 1000 bbls 2 perf sub, MA w/ bull plug. SN @ 321-	852'-2856', 2857'-2859', 2868'-287 3024', 3073'-3076', 3145'-3150', 31 p 1 sxs cmt, PBTD @ 3255'. Acid 2% KCL wtr w/ biocide. RIH w/ pr	1', 2878'-2882', 2884 56'-3158', 3186'-319 ized perfs 2820-3226 oduction string: 85 j	.'-2886', 2889'-2898', 29 98', 3216-'3226' (2 SPF) 6' w/ 5000 gals 15% HC	07'-2912', 2944'- b. Set CIBP @ 3262' CL acid w/ additives,
Spud Date: 3/11/2021	Rig Release Dat	e: 4/1	12/2021	
I hereby certify that the information al	oove is true and complete to the bes	st of my knowledge a	and belief.	
/ /	and complete to the bet		· · · · · · · · · · · · · · · · · · ·	
SIGNATURE Val	TITLE <u>Sr</u>	Reservoir Engineer	DATE	21 FEB 2022
Type or print name <u>Vanessa Ne</u> For State Use Only	al E-mail address:	vanessa@faenerg	yus.com PHONE:	(832) 219-0990
APPROVED BY:	TITLE		DATE	
Conditions of Approval (if any):				<del></del> :

eceived by OC Submit To Appropr	D: 9/15/2	2022 7:56.	59 AM		State of Ne	1 /	r:_							F.	Page 4 o
Two Copies District I	into District (	311100	En		State of Ne Minerals and					Form C-105 Revised April 3, 2017					
1625 N. French Dr.	, Hobbs, NM	88240	Elle	eigy, i	viillerais alic	u mai	luiai N	esources	-	1. WELL API NO.					
District II 811 S. First St., Art	esia, NM 882	:10		Oi	l Conservat	tion ]	Divis	ion		30-025-26					
District III 1000 Rio Brazos Ro	d., Aztec, NM	I 87410			20 South St					2. Type of I			, pr	ED/IMDI	(AN)
<u>District IV</u> 1220 S. St. Francis					Santa Fe, N				F	3. State Oil		FEE Lease No		FED/INDI	IAN
			DR RECC		ETION REI					3. Buile On	æ Gus	Lease 1	0. B 22	.,,	
4. Reason for fili		LIIONC	/INILOC	/IVII L	LIIONIKLI	1 01	XI AIN	D LOG	_	5. Lease Nai	ne or U	nit Agre	ement N	ame	
		RT (Fill in b	oxes #1 throu	gh #31	for State and Fee	e wells	only)			ARNOTT 6. Well Nun	RAM				
C-144 CLOS	nd the plat to								ıd/or	#004					
7. Type of Comp						,		NE DECED							
8. Name of Opera	VELL 🔼	WORKOVE	R ∐ DEEPI	ENING	PLUGBACK	<b>\</b>	DIFFER.	ENT RESER		OTHER  9. OGRID					
FAE II Ope		LC								329326					
10. Address of Op 11757 Katy	perator		725, Hou	ıston,	TX 77079					11. Pool nam [33820] JA			YATES	5-7 RVRs	s (OIL)
12.Location	Unit Ltr	Section	Towns	hip	Range	Lot		Feet from	the	N/S Line	Feet	from the	e E/W	Line	County
Surface:	D	32	25S	1	37E			330		N	330		W		LEA
вн:	D	32	25S		37E			330		N	330		W		LEA
13. Date Spudded	14. Date	T.D. Reach	ed 15. I	Date Rig	Released		1	6. Date Com	pleted	(Ready to Pro	duce)	1	17. Eleva	tions (DF	and RKB,
3/11/2021	10 4 6	**** 11		2/2021	1.1/	.1		/12/2021	. 1	G 14.1				etc.) 299	
18. Total Measure 3600'	ed Depth of	Well	325		k Measured Dep	oth	2	0. Was Dire	ctional	Survey Made	e?	21. Ty	pe Electr	ne and Ot	her Logs Run
22. Producing Int YATES (2820			on - Top, Bot	-	ime		I								
23.	,,	`	,	CAS	ING REC	ORI	(Re	ort all s	tring	s set in v	vell)				
CASING SIZ	ZE	WEIGHT			DEPTH SET		I	OLE SIZE		CEMENTI			Al	MOUNT	PULLED
8-5/8" 4-1/2"		9.5			352' 3600'			12-1/4" 7-7/8"		275 sz	ks (C11 5 sxs	c)			
7-1/2		7.5	TT		3000			7-770		07.	Jana				
24.	mon		Dommol (	LIN	ER RECORD		aann		25.			NG REC		D. CIT	an arm
SIZE	TOP		BOTTOM		SACKS CEMI	ENT	SCREI	EN	SIZ	/8"		EPTH SE 250'	5T	PACKI	ER SET
									2-3	70	32	.50			
		erval, size, an			l					CTURE, C					I
YATES - 2820-	-	-			-	3-		HINTERVA	L	A w/ 500					1500#
2871', 2878-2 2952', 2957-2		-	-			173_	3073-	3024 &		A w/ 500 rocksalt,					
3076', 3145-3	-	-		•	•		3073	3220		Tooksuit,	1000	5015 27	ORCL	W CI W/	olocide
28.			•				DUC	CTION		l .					
Date First Product 4/13/2021	tion		oduction Met od Pump		owing, gas lift, pı	umping	z - Size α	and type pum	p)	Well State	,	l. or Shu	t-in)		
Date of Test	Hours T	ested	Choke Size		Prod'n For Test Period		Oil - B	bl	Gas	- MCF	W	ater - Bb	1.	Gas - C	Pil Ratio
Flow Tubing Press.	Casing l	Pressure	Calculated 2 Hour Rate	24-	Oil - Bbl.		Ga	s - MCF		Vater - Bbl.		Oil Gr	avity - A	PI - (Cori	r.)
29. Disposition of	f Gas <i>(Sold,</i>	used for fuel	, vented, etc.)								30. Т	est Witn	essed By	I	
31. List Attachme	ents										1				
32. If a temporary	pit was use	ed at the well	, attach a plat	with th	e location of the	tempo	rary pit.				33. R	ig Relea	se Date:		
34. If an on-site b	urial was us	sed at the we	ll, report the e	exact loc	cation of the on-s  Latitude	site bur	rial:			Longitude	ļ			NIA	D83
I hereby certif	ry that the	infornați	on shown o	on both		form	is true	and comp	plete i			knowle	edge an		
Signature $\checkmark$		- N~K				anessa	a Neal	Tit	le	Sr Reserv	oir En	gineer	D	ate 15	SEP 2022
F-mail Addres	e vanec	sa@faenei	ovile com												

# **INSTRUCTIONS**

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southea	stern New Mexico	Northw	Northwestern New Mexico				
T. Anhy	Anhy T. Canyon		T. Penn A"				
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"				
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"				
T. Yates 2727	T. Miss	T. Pictured Cliffs	T. Penn. "D"				
T. 7 Rivers 3025	T. Devonian	T. Cliff House	T. Leadville				
T. Queen 3390	T. Silurian	T. Menefee	T. Madison				
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert				
T. San Andres	T. Simpson	T. Mancos	T. McCracken				
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte				
T. Paddock	T. Ellenburger	Base Greenhorn	T.Granite				
T. Blinebry	T. Gr. Wash	T. Dakota					
T.Tubb	T. Delaware Sand	T. Morrison					
T. Drinkard	T. Bone Springs	T.Todilto					
T. Abo	T.	T. Entrada					
T. Wolfcamp	T.	T. Wingate					
T. Penn	T.	T. Chinle					
T. Cisco (Bough C)	T.	T. Permian					

OIL	OK	GAS
<b>SANDS</b>	OR	<b>ZONES</b>

			SANDS	IN ZONES
No. 1, from	to	No. 3, from	toto	
No. 2, from	to	No. 4, from	to	
· · · · · · · · · · · · · · · · · · ·	IMPORT	· · · · · · · · · · · · · · · · · · ·		
Include data on rate of w	vater inflow and elevation to whi	ch water rose in hole.		
No. 1, from	to	feet		
No. 2, from	to	feet		
		feet		

# LITHOLOGY RECORD (Attach additional sheet if necessary)

From	То	Thickness In Feet	Lithology	From	То	Thickness In Feet	Lithology

Arnott Ramsay NCT-B #004 B-229 State Well Name: Lease No: Lease Type: 25-S 37-E Location: 330' FNL & 330' FWL Range: Sec: Township: 32-D NM API: 30-025-26106 Formation: Jalmat; TANSILL-YATES-7 RVRs County: Lea State: **CURRENT** Surface Csq KB: 3010' Size: 8-5/8" DF: 3009' Wt.&Thrd: 24# 2999' GL: Grade: K-55 ST&C Spud Date: 12/27/1978 Set @: 352 Compl. Date: 2/1/1979 Sxs cmt: 275 sxs Circ: Circ TOC: Surface History - Highlights Hole Size: 12-1/4" 1979-03: Sqz original perfs, reperf Langlie Mattix, no commercial production, plan to RC to Jalmat 360' 1979-04: Sqz Langlie Mattix, RC to Jalmat, sqz 7 RVRs, Sqz csg perf YATES 386' Sqz csg 1979-07: P&A well 1982-11: Re-enter well, RC to Langlie Mattix as SWD 2018-08: Failed MIT, set CIBP w/ plans to P&A 2021-03: Sqz csg leak, DO CIBP, set CIBP @ 3262', reperf & acidize Jalmat 2021-10: Run Fiberglass rods YATES (Top @ 2727') 2732-2735', 2751-2754', 2792-2795' (2 SPF) - May 1979 [SQUEEZED] Acidized w/ 1950 gals 15% NEFE HCL acid w/ 36 RCNBs 2820-2838', 2846-2850', 2852-2856', 2857-2859', 2868-2871', 2878-2882' 2884-2886', 2889-2898', 2907-2912', 2944-2952', 2957-2960', 2963-2970', 3010-3024' (2 SPF) -Apr 2021 Acidized w/ 5000 gals 15% HCL acid w/ additives, 1500# rock salt & 1000 bbls 2% KCL wtr w/ biocide 3016-3018' (2 SPF) - Apr 1979 [SQUEEZED] Acidized w/ Upr 7 RVRs SEVEN RIVERS (Top @ 3025') 3073-3075', 3146-3148', 3190-3192', 3220-3222', 3244-3246' (2 SPF) - Apr 1979 [SQU SN 3214' Acidized w/ 1800 gals 15% NEFE HCL acid **EOT** 3250' 3073-3076', 3145-3150', 3156-3158', 3186-3198', 3216-3226' (2 SPF) - Apr 2021 Acidize w/ YATES Cmt on top 3255' 3338-3340' (6 SPF) - Oct 1982 [ISOLATED] 3262' CIBP 3338-3340' (2 SPF) - Mar 1979 [SQUEEZED] 3301-3304', 3337-3340 (2 SPF) - Feb 1979 [SQUEEZED] Acidized w/ 1500 gals 15% NEA; Frac w/ 46,000 gals gel wtr & 72,000# 20/40 **Production Csg** sand (5 stages) Size: 4-1/2 Wt.&Thrd: 9.5# QUEEN (Top @ 3390') K-55 8rd ST&C 3406-3409', 3445-3448', 3468-3471' (2 SPF) - Feb 1979 [SQUEEZED] Grade: Set @: 3600' Acid & Frac w/ Lwr 7 RVRs Sxs Cmt: 675 sxs 3412-3414', 3446-3448' (2 SPF) - Mar 1979 [SQUEEZED] Circ: Acidized w/ 600 gals 15% NE acid TOC: 1000' (temp) 3412-3414', 3446-3448' (6 SPF) - Oct 1982 [ISOLATED] Acidized w/ 1000 gals 15% NEFE acid Hole Size: 7-7/8" **PBTD 3255**' Acidized w/ 4000 gals 15% CCA sour acid w/ 50 balls & flush w/ 15 bbls wtr TD 3600'

## **Tubulars - Capacities and Performance**

2-3/8" 4.7# J-55 Tubing (85 jts 2-3/8" tbg, 3' sub, 14 jts 2-3/8" tbg, SN, 4' perf sub, MA w/ bull plug)

Rods: 2" plunger, 10- 1.5" K bars, 70- 3/4" KD rods, 30- 1" fiberglass rods, 2- 7/8" steel rods, 7/8" x 8' sub

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

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

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** 

ACKNOWLEDGMENTS

Action 143570

#### **ACKNOWLEDGMENTS**

Operator:	OGRID:
FAE II Operating LLC	329326
11757 Katy Freeway, Suite 725	Action Number:
Houston, TX 77079	143570
	Action Type:
	[C-104] Completion Packet (C-104C)

#### **ACKNOWLEDGMENTS**

✓	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.			
V	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.			

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

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

Action 143570

#### **CONDITIONS**

Operator:	OGRID:	
FAE II Operating LLC	329326	
11757 Katy Freeway, Suite 725	Action Number:	
Houston, TX 77079	143570	
	Action Type:	
	[C-104] Completion Packet (C-104C)	

#### CONDITIONS

Created By		Condition Date
dmcclure	None	1/19/2023