

District I1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720District II811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720District III1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170District IV1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico

Energy Minerals and Natural Resources

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-101
Revised July 18, 2013☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address FAE II Operating LLC 11757 Katy Freeway, Suite 1000, Houston, TX 77079		² OGRID Number 329326
⁴ Property Code 326919		³ API Number 30-025-48078
⁵ Property Name ARNOTT RAMSAY NCT-B		⁶ Well No. 15

⁷ Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
E	32	25 S	37 E		2455	N	1195	W	LEA

⁸ Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
E	32	25 S	37 E		2455	N	1195	W	LEA

⁹ Pool Information

Pool Name	Pool Code
Jalmat; Tan-Yates-7Rvrs Pool	33820

Additional Well Information

¹¹ Work Type N	¹² Well Type I	¹³ Cable/Rotary R	¹⁴ Lease Type S	¹⁵ Ground Level Elevation 2984
¹⁶ Multiple N	¹⁷ Proposed Depth 3450'	¹⁸ Formation Queen	¹⁹ Contractor Quest	²⁰ Spud Date 10/1/2020
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits²¹ Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12 1/4"	8 5/8"	24 #/ft	970'	250'	0'
Prod	7 7/8"	5 1/2"	15.5 #/ft	3450'	250'	0'

Casing/Cement Program: Additional Comments

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²² Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Regan Style K	3000	1500	Shaffer

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.I further certify that I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒, if applicable.

Signature:

Printed name: Jessica LaMarro

Title: Geologist

E-mail Address: jessica@faenergyus.com

Date: 8/24/2020

Phone: 832-706-0051

OIL CONSERVATION DIVISION

Approved By:

Title:

Approved Date: 12/01/2020

Expiration Date: 12/01/2022

Conditions of Approval Attached

***Base of Jamat pool is 100 feet above top of Queen

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Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

Form C-102

Revised August 1, 2011

Submit one copy to appropriate
District Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-48078	Pool Code 33820	Pool Name Jalmar; Tan-Yates-ZRurs Pool
Property Code 326919	Property Name ARNOTT RAMSEY NCT-B	Well Number 15
OGRID No. 329326	Operator Name FAE II OPERATING, LLC	Elevation 2984'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	32	25 S	37 E		2455	NORTH	1195	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres		Joint or Infill		Consolidation Code		Order No.			

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

<p>N032.094054 W103.193348 (NAD83)</p> <p>2455'</p> <p>1195'</p> <p>N032.086804 W103.193342 (NAD83)</p> <p>N032.079545 W103.193341 (NAD83)</p> <p>N032.079544 W103.184820 (NAD83)</p> <p>N032.079540 W103.176297 (NAD83)</p>	<p>SURFACE LOCATION Lat - N 32.087306° Long - W 103.189484° NMSPCE - N 397377.4 E 895591.1 (NAD-83)</p>		<p>N032.094051 W103.176303 (NAD83)</p>
	<p>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.</p> <p><i>J. Z. Mano</i> 8/25/2020 Signature Date</p> <p><i>Jessica LaMarco</i> Printed Name</p> <p><i>jessica@faenergyus.com</i> Email Address</p>		
	<p>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.</p> <p>AUGUST 19, 2020 Date Surveyed</p> <p><i>[Signature]</i> Signature & Seal of Professional Surveyor</p> <p>Certificate No. <i>7977</i> BASIN SURVEYS</p>		
	<p>0' 500' 1000' 1500' 2000' SCALE: 1" = 1000' WO Num.: 35157</p>		