

**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

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

## State of New Mexico

Form C-101  
Revised July 18, 2013

## Energy Minerals and Natural Resources

## Oil Conservation Division

☐ AMENDED REPORT

1220 South St. Francis Dr.

Santa Fe, NM 87505

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

<sup>1</sup> Operator Name and Address FAE II Operating LLC 11757 Katy Freeway, Suite 725 Houston, TX 77079		<sup>2</sup> OGRID Number 329326
		<sup>3</sup> API Number 30-025-28274
<sup>4</sup> Property Code 331161	<sup>5</sup> Property Name STATE A A/C 2	<sup>6</sup> Well No. #065

<sup>7</sup> Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
E	09	22S	36E		1345	N	25	W	LEA

<sup>8</sup> Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
E	09	22S	36E		1345	N	25	W	LEA

<sup>9</sup> Pool Information

Pool Name EUNICE; 7 RVRS-QUEEN, SOUTH	Pool Code 24130
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## Additional Well Information

<sup>11</sup> Work Type E	<sup>12</sup> Well Type I	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type S	<sup>15</sup> Ground Level Elevation 3464'
<sup>16</sup> Multiple NO	<sup>17</sup> Proposed Depth 3900'	<sup>18</sup> Formation 7 RVRS/QUEEN	<sup>19</sup> Contractor TBD	<sup>20</sup> Spud Date 11/1/2022
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 pits<sup>21</sup> Proposed Casing and Cement Program

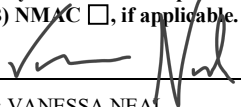
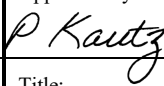
Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	12.250"	8.625"	24#	598'	375 sxs	Surface
Production	7.875"	5.500"	14#	3900'	950 sxs	Surface

## Casing/Cement Program: Additional Comments

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<sup>22</sup> Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3,000#	3,000#	Unknown

<sup>23</sup> 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 <input type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input type="checkbox"/> , if applicable. Signature: 		OIL CONSERVATION DIVISION	
Printed name: VANESSA NEAL		Approved By: 	
Title: SR RESERVOIR ENGINEER		Title:	
E-mail Address: <a href="mailto:vanessa@faenergyus.com">vanessa@faenergyus.com</a>		Approved Date: 08/08/2023	Expiration Date: 08/08/2025
Date: 17 OCT 2022	Phone: 832-219-0990	Conditions of Approval Attached	

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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

<sup>1</sup> API Number 30-025-28274	<sup>2</sup> Pool Code 24130	<sup>3</sup> Pool Name EUNICE; 7 RVRs-QUEEN, SOUTH
<sup>4</sup> Property Code <b>331161</b>	<sup>5</sup> Property Name STATE A A/C 2	<sup>6</sup> Well Number #065
<sup>7</sup> OGRID No. 329326	<sup>8</sup> Operator Name FAE II OPERATING, LLC	<sup>9</sup> Elevation 3559'

<sup>10</sup> Surface Location

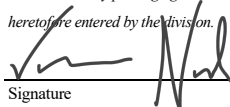
UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
E	09	22S	36E		1345	N	25	W	LEA

<sup>11</sup> 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
E	09	22S	36E		1345	N	25	W	LEA

<sup>12</sup> Dedicated Acres <b>40</b>	<sup>13</sup> Joint or Infill Y	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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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.

<sup>16</sup> 1345' 25' SW/4 NW/4 Sec 09 (40 acres)				<b><sup>17</sup> OPERATOR CERTIFICATION</b> <i>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.</i>  Signature _____ Date 10/17/2022 VANESSA NEAL Printed Name vanessa@faenergyus.com E-mail Address	
					<b><sup>18</sup> SURVEYOR CERTIFICATION</b> <i>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.</i>
					Date of Survey _____ Signature and Seal of Professional Surveyor: _____ Certificate Number _____

Well Name: **State A A/C 2 #065** Lease No: \_\_\_\_\_ Lease Type: \_\_\_\_\_ State \_\_\_\_\_  
 Township: **22-S** Range: **36-E** Sec: **9** Location: **1345' FNL & 25' FWL**  
 County: **Lea** State: **NM** API: **30-025-28274** Formation: **Eunice-7 Rivers-Queen South**

**Surface Csg**

Size: 8-5/8"  
 Wt.&Thrd: 24#  
 Grade: J-55  
 Set @: 598'  
 Sxs cmt: 375 sxs  
 Circ: 60 sxs  
 TOC: Surface  
 Hole Size: 12-1/4"

**Production Csg**

Size: 5-1/2"  
 Wt.&Thrd: 14#  
 Grade: J-55  
 Set @ (ft): 3900  
 Sxs Cmt: 950  
 Sxs Circ: 100  
 TOC: Surface  
 Hole Size: 7-7/8"

KB (ft): \_\_\_\_\_  
 DF (ft): \_\_\_\_\_  
 GL (ft): 3559  
 Spud Date: 9/4/1983  
 Compl. Date: 10/8/1983  
 Oil Window (ft): 3709 3909

**History - Highlights**

**Oct-1983:** Inject Queen  
**Dec-1983:** Clean out fill 3839'-3886'  
**Mar-1986:** Cleanout fill 3826'-3878'  
**Jul-1986:** Sqz leak 3657'-3682'  
**Dec-1991:** TA  
**Aug-2013:** P&A (see below for details)

Description	Qty	Length	Depth
KB	1		0
Wellhead	1		0
2 3/8" 4.7# IPC	118	3,658.00	3,658
TAC 3.1"x4.5"x2-3/8"		0.00	3,658
2 3/8" 4.7#		0.00	3,658
SN		0.00	3,658
Perf Sub		0.00	3,658
Mud Anchor		0.00	3,658
End of Tubing			3,658

Pump Details:		Run Date:		
Description	Size	Qty	Length	Depth
Polish Rod		0.0	0.00	0.00
Pony Rods	7/8"	0	0	0
1" Rods	0	0	0	0
7/8" Rods	7/8"	0	0	0
3/4" rods	3/4"	0	0	0
Sinker Bar 1 1/2"	1.5	0.0	0	0
Pump Description			0	0

**YATES (Top @ 3123')****SEVEN RIVERS (Top @ 3310')****QUEEN (Top @ 3694')****Perf 2 spf @ 3712'-3747'****Perfs @ 3751-3782', 3811'-3872'****Perf 2 spf @ 3784'-3787', 3792'-3795'**

PBTD 3878'  
 TD 3900'

**Other:****RIH with 2-3/8" IPC tubing and set packer ~ 3658'**

Well Name: State A A/C 2 #065 Lease No: \_\_\_\_\_ Lease Type: \_\_\_\_\_ State \_\_\_\_\_  
 Township: 22-S Range: 36-E Sec: 9 Location: 1345' FNL & 25' FWL  
 County: Lea State: NM API: 30-025-28274 Formation: Eunice-7 Rivers-Queen South

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Size: 8-5/8"  
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<u>Description</u>	<u>Qty</u>	<u>Length</u>	<u>Depth</u>
KB	1		
Wellhead	1		
2 3/8" 4.7#			0.00
TAC 3.1'x4.5"x2-3/8"			0.00
2 3/8" 4.7#			0.00
SN			0.00
Perf Sub			0.00
Mud Anchor			0.00
End of Tubing			

<b><u>Pump Details:</u></b>		<b><u>Run Date:</u></b>		
<u>Description</u>	<u>Size</u>	<u>Qty</u>	<u>Length</u>	<u>Depth</u>
Polish Rod		0.0	0.00	0.00
Pony Rods	7/8"	0	0	0
1" Rods	0	0	0	0
7/8" Rods	7/8"	0	0	0
3/4" rods	3/4"	0	0	0
Sinker Bar 1 1/2"	1.5	0.0	0	0

<u>Pump Description</u>		
	0	0

PBTD 3878'  
 TD 3900'

**Other:**

Expected CIBP @ 3577' w/ 368' cmt; Cmt plug 2763'~2989'; Cmt plug 1307'~1590'; Cmt plug 413'~763'; Cmt plug surface~250'  
 Hole in casing @ 638'-700' they had issues squeezing.

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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 151330

CONDITIONS

Operator: FAE II Operating LLC 11757 Katy Freeway, Suite 725 Houston, TX 77079	OGRID: 329326
	Action Number: 151330
	Action Type: [C-101] Drilling Non-Federal/Indian (APD)

CONDITIONS

Created By	Condition	Condition Date
pkautz	In addition to the requirements of the APD, operator shall complete the conditions contained in the UIC permit including logging (CBL for liner; mud logging, etc.), well testing, and reporting as stipulated.	8/8/2023