

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

¹ Operator Name and Address FAE II Operating LLC 11757 Katy Freeway, Suite 725 Houston, TX 77079		² OGRID Number 329326
		³ API Number 30-025-28515
⁴ Property Code 331162	⁵ Property Name STATE A A/C 1	⁶ Well No. #120

⁷ Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
C	10	23S	36E		25	N	1345	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
C	10	23S	36E		25	N	1345	W	LEA

⁹ Pool Information

Pool Name LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	R-21956	Pool Code 37240
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Additional Well Information

¹¹ Work Type E	¹² Well Type I	¹³ Cable/Rotary R	¹⁴ Lease Type S	¹⁵ Ground Level Elevation 3467'
¹⁶ Multiple NO	¹⁷ Proposed Depth 3850'	¹⁸ Formation 7 RVRS/QUEEN	¹⁹ Contractor TBD	²⁰ Spud Date 8/8/2022
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 pits²¹ Proposed Casing and Cement Program

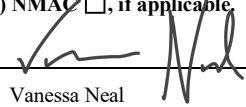
Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	12.25"	8.625"	24#	442'	275 sxs	Surface
Production	7.875"	5.5"	14#	3850'	1300 sxs	Surface

Casing/Cement Program: Additional Comments

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²² Proposed Blowout Prevention Program

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

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 <input type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input type="checkbox"/> if applicable. Signature:  Printed name: Vanessa Neal Title: Sr Reservoir Engineer E-mail Address: vanessa@faenergyus.com Date: 07 AUG 2023	OIL CONSERVATION DIVISION	
	Approved By:	
	Title:	
	Approved Date:	Expiration Date:
	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

¹ API Number 30-025-28515	² Pool Code 37240	³ Pool Name LANGLIE MATTIX; 7 RVRs-QUEEN-GRAYBURG
⁴ Property Code 331162	⁵ Property Name STATE A A/C 1	⁶ Well Number #120
⁷ OGRID No. 329326	⁸ Operator Name FAE II OPERATING, LLC	⁹ Elevation 3467'

¹⁰ Surface Location

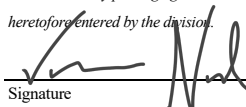
UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
C	10	23S	36E		25	N	1345	W	LEA

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
C	10	23S	36E		25	N	1345	W	LEA

¹² Dedicated Acres 40	¹³ Joint or Infill Y	¹⁴ Consolidation Code	¹⁵ Order No. R-21956
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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.

¹⁶ 1345'	25'	NE/4 NW/4 Sec 10 (40 acres)		¹⁷ OPERATOR CERTIFICATION <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 07 AUG 2023 Date 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 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 1 #120 API: 30-025-28515 Lease Type: STATE
 Location: 25' FNL & 1345' FWL T-R-Sec-Spot-Lot: 23S-36E-10-C Lease No: _____
 Formation(s): [37240] LANGLEIE MATTIX; 7 RVRS-Q-GRAYBURG County/State: Lea, NM

Surface Csg

Size: 8-5/8"
 Wt.&Thrd: 24#
 Grade: _____
 Set @: 442'
 Sxs cmt: 275 sxs
 Circ: 50 sxs
 TOC: Surface
 Hole Size: 12-1/4"

KB: 3495'
 DF: _____
 GL: 3483'
 Spud Date: 3/26/1984
 Compl. Date: 4/3/1984

History - Highlights

1984-03: D&C Well. Perf & Acidize 7 RVRS/QUEEN, RTI

1992-12: Well TA'd

PROPOSED: DO Cmt & BPs, CO to 3800, Acidize existing perms w/ 2000 g 15% NEFE HCL, 200# rocksalt, flush w/ 48 bbls wtr. RTI

YATES (Top @ 3123')

7 RVRS (Top @ 3322')

PKR 3601'

Production Csg

Size: 5-1/2"
 Wt.&Thrd: 14#
 Grade: _____
 Set @: 3850'
 Sxs Cmt: 1300 sxs
 Circ: 150 sxs
 TOC: Surface
 Hole Size: 7-7/8"

3666-3724' (1 JSPF)
 Acidized w/ 4000 g 15% NEFE HCl

QUEEN (Top @ 3734')

3738-3791' (1 JSPF)
 Acidized w/ 5000 g 15% NEFE HCl
 3792-3798' (1 JSPF)
 Acidized w/ 5750 g 15% NEFE HCl

PBTD 3840'
TD 3850'

Tubulars - Capacities and Performance

110 jts 2-3/8" IPC tbg, 5-1/2" Arrowset nickel coated pkr @ 3601'

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Size: 8-5/8"
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 Set @: 442'
 Sxs cmt: 275 sxs
 Circ: 50 sxs
 TOC: Surface
 Hole Size: 12-1/4"

Cmt @ Surface-100' (26 sxs)

Cmt @ 398-1275' (91 sxs)

DV too @ 2776' w/ 1050 sxs cmt

25 sxs on top to 3239'
 CIBP 3480'
 25 sxs on top to 3490'
 CIBP 3500'

Production Csg

Size: 5-1/2"
 Wt.&Thrd: 14#
 Grade: _____
 Set @: 3850'
 Sxs Cmt: 1300 sxs
 Circ: 150 sxs
 TOC: Surface
 Hole Size: 7-7/8"

CURRENTKB: 3495'

DF: _____

GL: 3483'Spud Date: 3/26/1984Compl. Date: 4/3/1984History - Highlights1984-03: D&C Well. Perf & Acidize 7 RVRS/QUEEN, RTI1992-12: Well TA'dYATES (Top @ 3123')7 RVRS (Top @ 3322')

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Acidized w/ 5000 g 15% NEFE HCl

3792-3798' (1 JSPF)

Acidized w/ 5750 g 15% NEFE HCl

PBTD 0'
 TD 3850'

Tubulars - Capacities and Performance

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 248741

CONDITIONS

Operator: FAE II Operating LLC 11757 Katy Freeway, Suite 725 Houston, TX 77079	OGRID: 329326
	Action Number: 248741
	Action Type: [C-101] Drilling Non-Federal/Indian (APD)

CONDITIONS

Created By	Condition	Condition Date
mgebremichael	None	2/1/2025