

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 1000 Houston, TX 77079		² OGRID Number 329326
		³ API Number 30-025-28637
⁴ Property Code 326422	⁵ Property Name WINNINGHAM	⁶ Well No. #009

⁷ Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
B	30	25S	37E		660	NORTH	1980	EAST	LEA

⁸ Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
B	30	25S	37E		660	NORTH	1980	EAST	LEA

⁹ Pool Information

Pool Name	Pool Code
LANGLIE MATTIX; 7 RVRS-Q-GRAYBURG	37240

Additional Well Information

¹¹ Work Type	¹² Well Type	¹³ Cable/Rotary	¹⁴ Lease Type	¹⁵ Ground Level Elevation
A	G	R	P	3027
¹⁶ Multiple	¹⁷ Proposed Depth	¹⁸ Formation	¹⁹ Contractor	²⁰ Spud Date
YES	3475	7 RVRS	TBD	4/15/2021
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"	9.625"	36#	422'	300 sxs	Surface
Production	8.75"	7"	23#	3475'	850 sxs	750'

Casing/Cement Program: Additional Comments

Casing and cement program from original D&C of well in 1984.

²² Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	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 ☒ and/or 19.15.14.9 (B) NMAC ☐ if applicable.

Signature:

Printed name: VANESSA NEAL

Title: RESERVOIR ENGINEER

E-mail Address: vanessa@faenergyus.com

Date: 01 March 2021

Phone: 832-219-0990

OIL CONSERVATION DIVISION

Approved By:

Title:

Approved Date:

Expiration Date:

Conditions of Approval Attached

Well Name: **Winningham #9** Plantation ID Number: _____
 Location: **660 FNL, 1980 FEL** Sec: **30** Township: **25S**
 County: **Lea** State: **NM** API: **30-025-28637**

Lease Type: _____
 Range: **37E**
 Formation: **Jalmat**

Surface Csg

Size: **9-5/8"**
 Wt.&Thrd: **36#**
 Grade: **B, ST&C**
 Set @: **422'**
 Sxs cmt: **300 sxs**
 Circ: **SURF**
 TOC: **SURF**
 Hole Size: **12-1/4"**

KB: **3039'**
 DF: **3037'**
 GL: **3027'**
 Spud Date: **9/19/1984**
 Compl. Date: **10/17/1984**

PROPOSEDHistory - Highlights

EOT 3365'

Production Csg

Size: **7"**
 Wt.&Thrd: **23#**
 Grade: **J-55**
 Set @: **3475'**
 Sxs Cmt: **850 sxs**
 Circ: _____
 TOC: **750'**
 Hole Size: **8-3/4"**

YATES (Top @ 2730')

2732-2832' (17 Shots) - OCT 1984
 Acidize w/ 4550 gals 15% MCA

SEVEN RIVERS (Top @ 2952')

3004-3129' (12 Shots) - OCT 1984 [SQUEEZED]
 Acidize w/ 2500 gals 15% MCA
 Swabbed Wtr w/Slight Gas Show; Could NOT lower FL below 900' from SURF
 3156-3158', 3163-3169', 3175-3185', 3215-3221', 3248-3253',
 3271-3277', 3313-3316', 3327-3329', 3361-3366' (2 SPF)

QUEEN (Top @ 3420')

PBTD 3475'
 TD 3475'

Tubulars - Capacities and Performance

	bb/ft	cf/ft	Tensile (lbs)	Burst (psi)	Collapse (psi)	ID(in)	Drift (in)
2-3/8" Tbg @ 2944'							
Pumping 1-1/4 x 54 x 10							

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

COMMENTS

Action 19100

COMMENTS

Operator:			OGRID:	Action Number:	Action Type:
FAE II OPERATING LLC	11757 Katy Freeway, Suite 1000	Houston, TX77079	329326	19100	APD

Created By	Comment	Comment Date
pkautz	Hold for corrected C-102	03/08/2021

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CONDITIONS

Action 19100

CONDITIONS OF APPROVAL

Operator:	FAE II OPERATING LLC	11757 Katy Freeway, Suite 1000	Houston, TX77079	OGRID:	329326	Action Number:	19100	Action Type:	APD
OCD Reviewer	Condition								
pkautz	None								