

State of New Mexico  
Energy, Minerals and Natural Resources

Office  
District I - (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II - (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV - (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM  
87505

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-28396
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other INJECTOR		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator FAE II Operating LLC		6. State Oil & Gas Lease No.
3. Address of Operator 11757 Katy Freeway, Suite 725 Houston, TX 77079		7. Lease Name or Unit Agreement Name STATE A A/C 1
4. Well Location Unit Letter <u>D</u> : <u>1260</u> feet from the <u>NORTH</u> line and <u>1310</u> feet from the <u>WEST</u> line Section <u>10</u> Township <u>23S</u> Range <u>36E</u> NMPM LEA County		8. Well Number #116
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3480' GR		9. OGRID Number 329326
		10. Pool name or Wildcat [37240] LANGLEY MATTIX:7 RVRS-Q-GRAYBURG

## 12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

## NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
 DOWNHOLE COMMINGLE ☐  
 CLOSED-LOOP SYSTEM ☐  
 OTHER: Add Perfs, Acidize, Reactivate Injector ☒

## SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
 COMMENCE DRILLING OPNS. ☐ P AND A ☐  
 CASING/CEMENT JOB ☐  
 OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Plan to MIRU, POOH w/tbg & pkr, add perfs from 3666'-3726', acidize, RIH w/injection string, and get ready for injection.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Jessica LaMarro TITLE Geologist DATE 4/1/2022

Type or print name Jessica LaMarro E-mail address: jessica@faenergyus.com PHONE: 832-706-0051

For State Use Only

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of Approval (if any):

forty acres <b>energy</b> /ell Name:				<b>WELLBORE DIAGRAM</b>		Date: 7/20/2021		
STATE A AC 1 116				OGRID# 329326				
County	Lea	State	NM	Field	API# 30-025-28396			
Surf Location: 10D-23S-36E				GL Elev: 3480'	RKB 20'			
Wellhead				TVD:	PBTD: 5805	TD: 8400		
Original Spud Date: 12/9/1983		Completed Pool: Langlie Mattix-7RVRs-QUEEN-GRAYBURG						
<b>Set Depth</b>		<b>Csg Details</b>		<b>Hole Size</b>	<b>Tubing Details:</b>			<b>Run Date: 1/10/1997</b>
<b>Surface</b>					<b>Description</b>			<b>Qty</b>
1350'		13 3/8" 54.5#		17.50 inch	KB			1
1200 SXS					Wellhead			1
					3 1/2" 9.3# J-55 PC			116
					Arrow 1X PKR*			1
								3,640.00
								3,661
								3,661
								3,661
					End of Tubing			<b>3,661</b>
<b>CURRENT</b>								
<b>PERFORATIONS:</b>								
LANGLEIE/Mattix: 3666-3726- JSPF, 38 holes perfed, tested and squeezed 3740-3786- JSPF, 36 holes, 3740-3765- JSPF, 15 holes (reperf) 3802-3831- JSPF, 24 holes 3834- 3842- JSPF, 9 holes								
<b>Prod</b>								
4000' 8 5/8" 32# & 24#				12.25 inch				
1425 SXS								
Open Hole CMT PLUGS: Wolfcamp - 35 sxs from 8283 1 - 8383 1 Abo - 50 sxs from 7756'-79016 Drinkard - 35 sxs 75941 -76941 Tubb - 35 sxs 72971 -73971 Blinbry - 35 sxs 66501 -67501 Glorieta - 35 sxs from 5791 1 - 5891', 35 sxs from 39501 -40501 Across 8-5/811 Csg.								
<b>Pump Details:</b>				<b>Run Date:</b>				
<b>Description</b>				<b>Size</b>	<b>Qty</b>	<b>Length</b>	<b>Depth</b>	
<b>Pump Description</b>								
N/A								
<b>Formation Tops</b>								
YATES	3,117	SAN ANDRES	4,363					
7 RIVERS	3,323	GLORIETA	5,841					
QUEEN	3,740	BLINBRY	6,702					
GRAYBUR	3,937	TUBB	7,347					
<b>Completion Details</b>								
12/83: Deep ABO test								
1/84: Set balanced CMT plugs in open hole								
3/84: 3838-3846- Acdz w/ 600 gals 15% NEFE HCL								
3798-3827-Acdz w/1600 gals 15% NEFEHCL								
3740-3786- Acdz w/ 2500 gals 15% NEFEHCL								
3666-3726- Acdz w/ 2500 gals 15% NEFEHCL								
3666-3726- Sqz w/ 250 sxs 11 C11 cmt.								
4/2005: Drilled out CIBP & cmt @ 3868'. Drilled out to 5805'								
Acidized open hole w/ 4000 gal 15% NEFE HCL. Converted to SWD with 3 1/2" coated tbg.								
<b>Pumping Unit</b>								

<b>forty acres energy</b> / Well Name: <b>WELLBORE DIAGRAM</b> <b>STATE A AC 1 116</b>		Date:	4/1/2022
		OGRID#	329326
County	Lea	State	NM
Field		API#	30-025-28396
Surf Location:	10D-23S-36E	GL Elev:	3480'
Wellhead		TVD:	20'
Original Spud Date:	12/9/1983	PBTD:	5805
Completed Pool:	Langlie Mattix-7RVRS-QUEEN-GRAYBURG		
Run Date:	1/10/1997		

  

Set Depth	Csg Details	Hole Size	Tubing Details:
Surface			
1350'	13 3/8" 54.5#	17.50 inch	
	1200 SXS		

  

**PROPOSED**

  

**PERFORATIONS:**  
 LANGLEIE/Mattix:  
**3666-3726- JSPF, 38 holes perfed, tested and squeezed (1984)**  
 3740-3786-JSPF, 36 holes,  
 3740-3765- JSPF, 15 holes (reperf)  
 3802-3831-JSPF, 24 holes      3834-  
 3842-JSPF, 9 holes      **Plan to:**  
**ADD PERFS/REPERF 3666'-3726'**

  

Prod		
4000'	8 5/8" 32# & 24#	12.25 inch
	1425 SXS	

  

Open Hole CMT PLUGS: Wolfcamp - 35 sxs from 8283 1 -8383 1 Abo - 50 sxs from 7756'-79016 Drinkard - 35 sxs 75941 -76941 Tubb - 35 sxs 72971 -73971 Blinbry - 35 sxs 66501 -67501 Glorieta - 35 sxs from 5791 1 -5891', 35 sxs from 39501 -40501 Across 8-5/811 Csg.

**Surface Casing**

Hole Size:	17 1/2"
Casing Size:	13 3/8"
Depth Set:	1350'
Top of Cement:	surface
Cement with:	1200 sx
Method Determined:	circulated

**Production Casing**

Hole Size:	12 1/4"
Casing Size:	8 5/8"
Depth Set:	4000'
Top of Cement:	surface
Cement with:	1425 sx
Method Determined:	circulated

**Proposed Injection Interval**

Seven Rivers/Queen Inj Zone	
3644'	to 3845'
Zone will be perforated	

**Tubing**

Tubing Size:	3 1/2"
Lining Material:	IPC
Type of Packer:	AS1X
Packer Depth Set:	3630'

**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  
**District IV**  
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 184776

CONDITIONS

Operator: FAE II Operating LLC 11757 Katy Freeway, Suite 725 Houston, TX 77079	OGRID: 329326
	Action Number: 184776
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
pgoetze	None	3/10/2023