

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

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

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address FAE II Operating LLC 11757 Katy Freeway, Suite 725 Houston, TX 77079		² OGRID Number 329326
		³ Reason for Filing Code/ Effective Date RC / 6/21/2021
⁴ API Number 30-025-25790	⁵ Pool Name LANGLIE MATTIX; 7 RVRs-Q-GRAYBURG	⁶ Pool Code 37240
⁷ Property Code 330689	⁸ Property Name C D WOOLWORTH	⁹ Well Number #005

II. ¹⁰ Surface Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
M	30	24S	37E	4	660	SOUTH	660	WEST	LEA

¹¹ Bottom Hole Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
M	30	24S	37E	4	660	SOUTH	660	WEST	LEA
¹² Lse Code P	¹³ Producing Method Code P	¹⁴ Gas Connection Date 6/21/2021	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

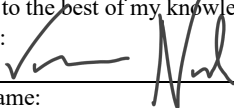

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
371183	ETC TEXAS PIPELINE LTD 8111 WESTCHESTER DR DALLAS, TX 75225	G
34053	PLAINS MARKETING L.P. 333 CLAY STREET, SUITE 1900 HOUSTON, TX 77002	O

IV. Well Completion Data

²¹ Spud Date 02/27/1978	²² Ready Date 6/21/2021	²³ TD 3750'	²⁴ PBTD 3750'	²⁵ Perforations 3406'-3708'	²⁶ DHC, MC DHC-1480
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12-1/4"	9-5/8"	371'	250 sxs		
7-7/8"	4-1/2"	3750'	800 sxs		
	2-3/8"	3649'			

V. Well Test Data

³¹ Date New Oil 6/21/2021	³² Gas Delivery Date 6/21/2021	³³ Test Date 6/25/2021	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 50 psi	³⁶ Csg. Pressure 25 psi
³⁷ Choke Size NA	³⁸ Oil 3.5 bopd	³⁹ Water 9.5 BWPD	⁴⁰ Gas 3 mcf		⁴¹ Test Method P

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: 	OIL CONSERVATION DIVISION Approved by: 
Printed name: Vanessa Neal	Title: Petroleum Engineer
Title: Sr Reservoir Engineer	Approval Date: 10/20/2023
E-mail Address: vanessa@faenergyus.com	
Date: 6/23/2023	Phone: 832-219-0990

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I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address FAE II Operating LLC 11757 Katy Freeway, Suite 725 Houston, TX 77079		² OGRID Number 329326
		³ Reason for Filing Code/ Effective Date RC / 6/21/2021
⁴ API Number 30-025-25790	⁵ Pool Name JALMAT; TANSILL-YATES-7 RVRs (OIL)	⁶ Pool Code 33820
⁷ Property Code 330689	⁸ Property Name C D WOOLWORTH	⁹ Well Number #005

II. ¹⁰ Surface Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
M	30	24S	37E	4	660	SOUTH	660	WEST	LEA

¹¹ Bottom Hole Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
M	30	24S	37E	4	660	SOUTH	660	WEST	LEA
¹² Lse Code P	¹³ Producing Method Code P	¹⁴ Gas Connection Date 6/21/2021	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

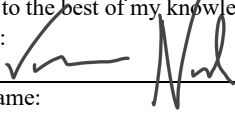

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
371183	ETC TEXAS PIPELINE LTD 8111 WESTCHESTER DR DALLAS, TX 75225	G
34053	PLAINS MARKETING L.P. 333 CLAY STREET, SUITE 1900 HOUSTON, TX 77002	O

IV. Well Completion Data

²¹ Spud Date 02/27/1978	²² Ready Date 6/21/2021	²³ TD 3750'	²⁴ PBTD 3750'	²⁵ Perforations 3169'-3363'	²⁶ DHC, MC DHC-1480
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12-1/4"	9-5/8"	371'	250 sxs		
7-7/8"	4-1/2"	3750'	800 sxs		
	2-3/8"	3649'			

V. Well Test Data

³¹ Date New Oil 6/21/2021	³² Gas Delivery Date 6/21/2021	³³ Test Date 6/25/2021	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 50 psi	³⁶ Csg. Pressure 25 psi
³⁷ Choke Size NA	³⁸ Oil 3.5 bopd	³⁹ Water 9.5 BWPD	⁴⁰ Gas 2 mcf		⁴¹ Test Method P

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: 	OIL CONSERVATION DIVISION Approved by: 
Printed name: Vanessa Neal	Title: Petroleum Engineer
Title: Sr Reservoir Engineer	Approval Date: 10/20/2023
E-mail Address: vanessa@faenergyus.com	
Date: 17 OCT 2023	Phone: 832-219-0990

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

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

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. 30-025-25790
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator FAE II Operating LLC		6. State Oil & Gas Lease No.
3. Address of Operator 11757 Katy Freeway, Suite 1000, Houston, TX 77079		7. Lease Name or Unit Agreement Name C D WOOLWORTH
4. Well Location Unit Letter <u>M</u> : <u>660</u> feet from the <u>SOUTH</u> line and <u>660</u> feet from the <u>WEST</u> line Section <u>30</u> Township <u>24S</u> Range <u>37E</u> NMPM LEA County		8. Well Number #005
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3261		9. OGRID Number 329326
		10. Pool name or Wildcat [33820] JALMAT; TAN-YATES-7 RVRS [37240] LANGLIE MATTIX; 7R-Q-GB

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		DO CIBP, Add Perfs & Acidize Oil Window; DHC Jalmat & Langlie Mattix pools	<input checked="" type="checkbox"/>

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.


- AMENDED REPORT -

MIRU. POOH w/ rods, pump & tbg. PU & TIH w/ 3-3/4" bit. Tag @ 3581'. Clean out to TD @ 3750'. Tight spot @ 3709'. POOH w/ bit. Perf 3703'-08', 3674'-80', 3660'-62', 3646'-48', 3636'-40', 3612'-16', 3590'-94', 3583'-87', 3574'-78', 3562'-66', 3554'-58', 3536'-38', 3508'-12' & 3456'-60' (4 JSPF). PU & TIH w/ pkr. Set pkr @ 3407'. Acidized 3456- 3708' w/ 330 gals XYLENE, 7000 gals 15% NEFE acid, 2650# rocksalt w/ 30 bbls brine, & flush w/ 500 bbls 2% KCL wtr. Release pkr & POOH w/ same. TIH w/ production string: MA, 3' sand screen, SN, 15 jts 2-3/8" J-55 tbg, TAC, 98 jts 2-3/8" J-55 tbg. TAC @ 3174'. SN @ 3653'. EOT @ 3688'. RIH w/ pump & rods. Pressure tbg to 500 psi. Test good. RDMO. RTP.

DHC-1480

Spud Date: 6/11/2021 Rig Release Date: 6/21/2021

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

SIGNATURE  TITLE Sr Reservoir Engineer DATE 15 JUN 2023
 Type or print name Vanessa Neal E-mail address: vanessa@faenergyus.com PHONE: (832) 219-0990
For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____
 Conditions of Approval (if any): _____

Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised April 3, 2017					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG							1. WELL API NO. 30-025-25790			
4. Reason for filing: <input checked="" type="checkbox"/> COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) <input type="checkbox"/> C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)							2. Type of Lease <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN 3. State Oil & Gas Lease No.			
7. Type of Completion: <input type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input checked="" type="checkbox"/> OTHER: DOWNHOLE COMMINGLE							5. Lease Name or Unit Agreement Name C D WOOLWORTH 6. Well Number: #005			
8. Name of Operator FAE II Operating LLC						9. OGRID 329326				
10. Address of Operator 11757 Katy Freeway, Suite 725, Houston, TX 77079						11. Pool name or Wildcat DHC-1480 [33820] JALMAT; TAN-YATES-7 RVRs (OIL)				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	M	30	24S	37E		660	S	660	W	LEA
BH:	M	30	24S	37E		660	S	660	W	LEA
13. Date Spudded 02/27/1978	14. Date T.D. Reached		15. Date Rig Released 6/21/2021		16. Date Completed (Ready to Produce) 6/21/2021			17. Elevations (DF and RKB, RT, GR, etc.) 3261'		
18. Total Measured Depth of Well 3750'			19. Plug Back Measured Depth 3750'		20. Was Directional Survey Made?			21. Type Electric and Other Logs Run		
22. Producing Interval(s), of this completion - Top, Bottom, Name 7 RVRs (3169-3363)										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
9-5/8"		36#		371'		12-1/4"		250 sxs (Circ)		
4-1/2"		9.5#		3750'		7-7/8"		800 sxs (Circ)		
24. LINER RECORD										
SIZE	TOP	BOTTOM		SACKS CEMENT	SCREEN		25. TUBING RECORD			
							SIZE	DEPTH SET		PACKER SET
							2-3/8"	3649'		
26. Perforation record (interval, size, and number) OLD: 3169, 3178, 3180, 3182, 3204, 3246, 3248, 3262, 3264, 3318, 3327, 3329, 3339, 3357, 3359, 3361, 3363 (2 SPF)										
						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. I				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
28. PRODUCTION										
Date First Production 6/21/2021		Production Method (Flowing, gas lift, pumping - Size and type pump) PCP				Well Status (Prod. or Shut-in) PROD				
Date of Test 6/25/2021	Hours Tested 24 hrs	Choke Size	Prod'n For Test Period	Oil - Bbl 3.5	Gas - MCF 2	Water - Bbl. 9.5	Gas - Oil Ratio 571			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 3.5	Gas - MCF 2	Water - Bbl. 9.5	Oil Gravity - API - (Corr.)				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD							30. Test Witnessed By			
31. List Attachments										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.							33. Rig Release Date:			
34. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude Longitude NAD83										
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature		Printed Name		Title		Date				
		Vanessa Neal		Sr Reservoir Engineer		17 OCT 2023				
E-mail Address vanessa@faenergyus.com										

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A "
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates 2905	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers 3130	T. Devonian	T. Cliff House	T. Leadville
T. Queen 3487	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T.Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T.Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T.Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

From	To	Thickness In Feet	Lithology

Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised April 3, 2017													
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							3. State Oil & Gas Lease No.											
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8. Name of Operator FAE II Operating LLC						9. OGRID 329326												
10. Address of Operator 11757 Katy Freeway, Suite 725, Houston, TX 77079						11. Pool name or Wildcat DHC-1480 [37240] LANGLEIE MATTIX; 7 RVRs-QUEEN												
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BH:	M	30	24S	37E		660	S	660	W	LEA								
13. Date Spudded 02/27/1978	14. Date T.D. Reached		15. Date Rig Released 6/21/2021		16. Date Completed (Ready to Produce) 6/21/2021		17. Elevations (DF and RKB, RT, GR, etc.) 3261'											
18. Total Measured Depth of Well 3750'			19. Plug Back Measured Depth 3750'		20. Was Directional Survey Made?		21. Type Electric and Other Logs Run											
22. Producing Interval(s), of this completion - Top, Bottom, Name 7 RVRs (3406-3460), QUEEN (3489-3708)																		
23. CASING RECORD (Report all strings set in well)																		
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED								
9-5/8"		36#		371'		12-1/4"		250 sxs (Circ)										
4-1/2"		9.5#		3750'		7-7/8"		800 sxs (Circ)										
24. LINER RECORD																		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		25. TUBING RECORD												
						SIZE		DEPTH SET		PACKER SET								
						2-3/8"		3649'										
26. Perforation record (interval, size, and number) OLD: 3406-08', 3489-91', 3548-50', 3598-3600', 3625-27', 3690-92' (2 SPF) NEW: 3456-60', 3508-12', 3536-38', 3554-58', 3562-66', 3574-78', 3583'-87', 3590-94', 3612-16', 3636-40', 3646-48', 3660-62', 3703-08' (4 JSPF)						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. I <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>3456-3708'</td> <td>Acidized w/ 330 gals XYLENE, 7000 gals 15% NEFE acid, 2650# rocksalt w/ 30 bbls brine, & flush w/ 500 bbls 2% KCL wtr</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>					DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	3456-3708'	Acidized w/ 330 gals XYLENE, 7000 gals 15% NEFE acid, 2650# rocksalt w/ 30 bbls brine, & flush w/ 500 bbls 2% KCL wtr				
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28. PRODUCTION																		
Date First Production 6/21/2021		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) PCP				Well Status (<i>Prod. or Shut-in</i>) PROD												
Date of Test 6/25/2021	Hours Tested 24 hrs	Choke Size	Prod'n For Test Period	Oil - Bbl 3.5	Gas - MCF 3	Water - Bbl. 9.5	Gas - Oil Ratio 857											
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 3.5	Gas - MCF 3	Water - Bbl. 9.5	Oil Gravity - API - (<i>Corr.</i>)												
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) SOLD							30. Test Witnessed By											
31. List Attachments																		
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.							33. Rig Release Date:											
34. If an on-site burial was used at the well, report the exact location of the on-site burial:																		
Latitude Longitude NAD83																		
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief																		
Signature		Printed Name		Vanessa Neal		Title		Sr Reservoir Engineer		Date	23 JUN 2023							
E-mail Address		vanessa@faenergyus.com																

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A "
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates 2905	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers 3130	T. Devonian	T. Cliff House	T. Leadville
T. Queen 3487	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T.Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T.Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T.Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

From	To	Thickness In Feet	Lithology

Well Name:

C D WOOLWORTH #005

Location:

660' FSL & 660' FWL

County:

Lea

Plantation ID Number:

Sec: 30-M

Township: 24-S

API: 30-025-25790

Lease Type:

Range:

Formation:

Fee

37-E

DHC-1480

Jalmat & Langlie Mattix pools (Y-7R-Q)

Surface Csg

Size: 9 5/8"

Wt.&Thrd:

Grade:

Set @: 371'

Sxs cmt: 250 SX

Circ:

TOC: Surface

Hole Size:

CURRENT

KB: 3271

DF:

GR: 3261

Spud Date: 2/27/1978

Compl. Date: 3/21/1978

Production Tubing (Run 1/9/22)

	Count	Length (ft)	Depth (ft)
2 3/8" J-55 TBG	92	2960.9	2961
2 3/8" TBG (Coated)	6	195.0	3156
2 3/8" X 4.5" TAC	1	3.1	3159
2 3/8" TBG (Coated)	14	448.0	3607
SN	1	1.1	3608
Desander	1	20	3628
BPMJ (Coated)	3	95	3723

Rod String (Run 1/9/23)

	Count	Length (ft)	Depth (ft)
1.25" X 16'	1	16.0	
Subs 3/4" x 8',4',4',2'	1	18.0	18
3/4" Rods	135	3375.0	3393
1.5" K Bars	8	200.0	3593
2" X 1.5" X 12 X 4' RHBC	1	12.0	3605
6' Gas Anchor			

* Right hand release on top of pump

Pumping Unit

Make	
API Size	114-147-74
Unit ID	
Crank Hole Number	3 of 3 (Short hole)
Calc. Stroke Length	
SPM	7
Crank Rotation	

Production Csg

Size: 4.5"

Wt.&Thrd: 9.5#

Grade: K55

Set @: 3750'

Sxs Cmt: 550SX

Circ:

TOC: Surface

Hole Size:

History - Highlights

8/29/94:

Spot 5 bbls adandonment muc 3169-3363'. Set CIBP @ 3390'. Perf 3169, 3178, 3180, 3182, 3204, 3246, 3248, 3262, 3264, 3318, 3327, 3329, 3339, 3357, 3359, 3361, 3363 with 2-0.5" JHPF. Dump 20' cmt. Spot 100 gals 15% NEFE HCL across perfs 3363-3169'. Acidize with 4000 ga 15% NEFE HC. Drop 51-1.3 RCN ball sealers. Flush and swab. Frac treat with 48,500 gals 40# gel with 50% CO@ and 165,000# 16/30 mesh. Pull out of hole with workstring. Ran in hole with prod equip.

6/14/2021:

Drill out CIBP. Drilled to 3750'.

6/21/21:

PERFORATE FROM 3703'-08', 3674'-80',3660'-62',3646'-48',3636'-40',3612'-16',3590'-94',3583'-87',3574'-78',3562'-66',3554'-58',3536'-38',3508'-12' & 3456'-60' IN 3 3 1/8" 4 JSPF. TIH W/ 4.5" 32A TENSION PKR, SN AND 107 JTS 2 3/8" TBG. SET PKR AT 3407' W/ 15K TENSION. SWABCO SK 2 RIG CREW FILLED OUT ISA. MIRU CUDD ACID PUMP TRUCK. ACID TREAT PERFS FROM 3456' TO 3708' UNDER PKR SET AT 3407' THRU 2 3/8" TBG AS FOLLOWS EST INJ RATE W 10 BBLS WTR 7 BPM AT 1692 PSI, PUMP 330 GALS XYLENE FOLLOWED BY 1000 GALS 15%NE FE ACID FOLLOWED BY 650 LBS ROCK SALT W/ 10 BBLS BRINE WTR, FOLLOWED BY 2000 GALS 15% NE FE ACID FOLLOWED BY 750LBS ROCK SALT W/ 10 BBLS BRINE WTR, FOLLOWED BY 2000 GALS 15% NE FE ACID FOLLOWED BY 1250 LBS ROCK SALT W/ 10 BBLS. BRINE WTR FOLLOWED BY 2000 GALS 15% ne fe acid followed by 500 bbls 2% kcl wtr. ISIP 0 PSii, MTP 3500 PSI, ATP 2700 PSI, MTR 10.1 BPM, ATR 8.8 BPM. RELEASE CUDD.

Jalmat Perfs-8/29/94
Perf w/2-0.5"DHPF: 3169, 3178, 3180, 3182, 3204, 3246, 3248, 3262, 3264, 3318. 3327. 3329. 3339. 3357. 3359. 3361. 3363

Langlie Mattix Perfs-3/21/78
3406-08', 3489-91', 3548-50', 3598-3600', 3625-27', 3690-92'

Perfs 06/21/2021
3456-60', 3508-12', 3536-38', 3554-58', 3562-66', 3574-78', 3583'-87', 3590-94', 3612-16', 3636-40', 3646-48', 3660-62', 3674-80', 3703-08' (4 SPF)
TIGHT SPOT AT 3709'.

Tubulars - Capacities and Performance							
	bbl/ft	cf/ft	Tensile (lbs)	Burst (psi)	Collapse (psi)	ID(in)	Drift (in)
2-3/8" 4.7# J55 Tubing	0.00380	0.0212	71730	7700	8100	1.995	1.901
4.5" 11.6# J55 Casing	0.01550	0.0873				4.000	3.875

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

ACKNOWLEDGMENTS

Action 276677

ACKNOWLEDGMENTS

Operator: FAE II Operating LLC 11757 Katy Freeway, Suite 725 Houston, TX 77079	OGRID: 329326
	Action Number: 276677
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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CONDITIONS

Action 276677

CONDITIONS

Operator: FAE II Operating LLC 11757 Katy Freeway, Suite 725 Houston, TX 77079	OGRID: 329326
	Action Number: 276677
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
dmcclure	Correct past production to the appropriate pool	10/20/2023
dmcclure	Submit a C-103X requesting an amendment to the perf range for DHC-1480	10/20/2023