Received by OCD: 10/23/2023 2:54:40 PM 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

Revised August 1, 2011

Submit one copy to appropriate District Office

Page 1 of 10 Form C-104

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

AMENDED REPORT

OWADI E AND AUTHODIZATION TO TRANSPORT

1. K	I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT									
¹ Operator name and Ac	ldress	² OGRID Number								
	FAE II Operating LLC	329326								
	11757 Katy Freeway, Suite 725 Houston, TX 77079	³ Reason for Filing Code/ Effective Date RC / 3/11/2021								
⁴ API Number	⁵ Pool Name	⁶ Pool Code								
30-0 25-25742	JALMAT; TAN-YATES-7 RVRs (OIL)	33820								
⁷ Property Code	⁸ Property Name	⁹ Well Number								
326876	LANEHART 22	#001								

II. 10 Surface Location Ul or lot no. Section Township Lot Idn | Feet from the | North/South Line | Feet from the East/West line County Range 22 37E 660 NORTH 660 **WEST LEA** 11 Bottom Hole Location

Ul or lot no. | Section | Township Range | Lot Idn | Feet from the | North/South Line | Feet from the East/West line County 22 25S 37E 365 NORTH 300 WEST **LEA** 12 Lse Code Producing Method Code **Gas Connection Date** ¹⁵ C-129 Permit Number ¹⁶ C-129 Effective Date ¹⁷ C-129 Expiration Date P 3/11/2021 P

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	О

IV. Well Completion Data

²¹ Spud Date 12/21/1977		eady Date 1/2021	²³ TD 3655'	²⁴ PBTD 3600'	²⁵ Perforations 2905-3021'	²⁶ DHC , MC DHC-5102
²⁷ Hole Siz	e ²⁸ Casing		& Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
12-1/4"		8-5/8"		980'		550 sxs
7-7/8"		4	-1/2"	3655'		1315 sxs
		2	-3/8"	3504'		

V. Well Test Data

³¹ Date New Oil 3/11/2021	³² Gas Deliver 3/11/202		³³ Test Date 3/29/2021	³⁴ Test Ler 24 hr	ngth	35 Tbg. Pressure		³⁶ Csg. Pressure	
³⁷ Choke Size	³⁸ Oil 1 bopd	l	³⁹ Water 13 BWPD	40 Gas 5 mcf				⁴¹ Test Method	
⁴² I hereby certify the been complied with a complete to the best Signature:	OIL CONSERVATION DIVISION Approved by: Dean R Molline								
Printed name: VANESSA NEAL	71			Title: Petroleum Engi	neer				
Title: Sr Reservoir Enginee	Approval Date:	10/25/2	023						
E-mail Address: vanessa@faenergyus	s.com								
Date: 23 OCT 20	Phot 832-	ne: -877-2552							

Received by OCD: 10/23/2023 2:54:40 PM 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

Page 2 of 10 Form C-104 Revised August 1, 2011

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

Sub	omit	one	copy	to	approp	riate	District	Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHO	ORIZATION TO TRANSPORT
1 A 11	1 o open v

¹ Operator name and A	Address	² OGRID Number		
	FAE II Operating LLC	329326		
	11757 Katy Freeway, Suite 725 Houston, TX 77079	³ Reason for Filing Code/ Effective Date RC / 3/11/2021		
⁴ API Number 30-0 25-25742	⁵ Pool Name LANGLIE MATTIX; 7 RVRs-Q-GRAYBURG	G Pool Code 37240		
⁷ Property Code 326876	⁸ Property Name LANEHART 22	9 Well Number #001		

II. 10 Surface Location

Ul or lot no. D	Section 22	Township 25S	Range 37E	Lot Idn	Feet from the 660	North/South Line NORTH	Feet from the 660	East/West WES		County LEA
¹¹ Bot	11 Bottom Hole Location									
Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West	t line	County
D	22	25S	37E		365	NORTH	300	WES	T	LEA
12 Lse Code	3 Producing	Method Code	4 Cas Conn	ection Date	15 C 120 Down	nit Number 16 C-129 Effective Da		Doto	17 C 12	9 Expiration Date

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	О

IV. Well Completion Data

²¹ Spud Date 12/21/1977		eady Date 1/2021	²³ TD 3655'	²⁴ PBTD 3600'	²⁵ Perfor 3356-3		²⁶ DHC, MC DHC-5102	
²⁷ Hole Siz	e	²⁸ Casing	& Tubing Size	²⁹ Depth Set			³⁰ Sacks Cement	
12-1/4"		8-5/8"		980'		550 sxs		
7-7/8"		4	-1/2"	3655'			1315 sxs	
		2-3/8"		3504'				

V. Well Test Data

³¹ Date New Oil 3/11/2021	³² Gas Delivery Date 3/11/2021	³³ Test Date 3/29/2021	³⁴ Test Length 24 hr	35 Tbg. Pressure	³⁶ Csg. Pressure	
³⁷ Choke Size	³⁸ Oil 1 bopd	³⁹ Water 12 BWPD	⁴⁰ Gas 3 mcf		⁴¹ Test Method	
been complied with a	at the rules of the Oil Conse and that the information giv of my knowledge and belief	en above is true and	OIL CONSERVATION DIVISION Approved by: R Molline			
Printed name: VANESSA NEAL	IV		Title: Petroleum Engineer			
Title: Sr Reservoir Enginee	er		Approval Date: 10/25/	/2023		
E-mail Address: vanessa@faenergyus	.com					
Date: 23 OCT 20	Phone: 832-219-0990					

Received by QCD 1 10/23/2023 2:1	4:40 PM	State of New Mex	ico			Form Page 33
Office District I – (575) 393-6161	Energy, N	Minerals and Natura	al Resources			Revised July 18, 2013
1625 N. French Dr., Hobbs, NM 882	40			WELL API		
<u>District II</u> – (575) 748-1283 811 S. First St., Artesia, NM 88210	OIL CO	NSERVATION I	DIVISION	30-025-2574		
<u>District III</u> – (505) 334-6178		0 South St. Franc		5. Indicate 7		
1000 Rio Brazos Rd., Aztec, NM 874	10			STAT		FEE 🛛
<u>District IV</u> – (505) 476-3460 1220 S. St. Francis Dr., Santa Fe, NN		Santa Fe, NM 875	003	6. State Oil	& Gas Leas	se No.
87505 SUNDRY N (DO NOT USE THIS FORM FOR P.	OTICES AND REPROPOSALS TO DRILL		IG BACK TO A	7. Lease Na	me or Unit	Agreement Name
DIFFERENT RESERVOIR. USE "A	APPLICATION FOR PER	MIT" (FORM C-101) FO	R SUCH	LANEHAR	Γ 22	
PROPOSALS.) 1. Type of Well: Oil Well	Gas Well	Other		8. Well Nun		1
2. Name of Operator FAE II Operating LLC				9. OGRID N 329326	Number	
3. Address of Operator				10. Pool nar	ne or Wildo	at
11757 Katy Freeway, Suite 10	000, Houston, TX 77	079				ATES-7RVRs (OIL) IX; 7RVRs-Q-GB
4. Well Location						
Unit Letter D		the <u>NORTH</u>			n theW	
Section 22		ownship 25S (Show whether DR,	- 0		NMPM	LEA County
	3079 GL	(Show whether DK,	KKD, K1, UK, e			
12. Chec	ck Appropriate Bo	ox to Indicate Nat	ure of Notice	e. Report or C	Other Data	
	F INTENTION 1			JBSEQUEN		
PERFORM REMEDIAL WOR			REMEDIAL WO			TERING CASING
TEMPORARILY ABANDON	☐ CHANGE PL			ORILLING OPN		ND A
PULL OR ALTER CASING	☐ MULTIPLE C		CASING/CEME		0	
DOWNHOLE COMMINGLE			OAOINO/OLIVIL	LIVI JOB		
CLOSED-LOOP SYSTEM						
OTHER:			OTHER: D	OO BP, Acidize,	DHC	\boxtimes
13. Describe proposed or co						
of starting any proposed proposed completion or		19.15.7.14 NMAC.	For Multiple Co	ompletions: At	tach wellbo	re diagram of
Pump hot wtr down tbg. POOH	w/rods nump&tho	Replace 68 its had t	ha TIH w/ 3-5/	8" hit Drill and	l nush CIRP	to 3600' Set RRP
@ 3575'. Acidize perfs 3508-35						
@ 3490'. Acidize perfs 3356-34 perf sub & MA w/ bull plug (SN 22' PR w/ 10' liner. RTP						
DHC-5102-0						
Spud Date: 3/7/	2021	Rig Release Date	:	3/11/2021		
I hereby certify that the informat	ion above is true and	complete to the besi	t of my knowled	lge and belief.		
/ 1	/ ,					
SIGNATURE Vn /	.l	TITLE <u>Sr</u>]	Reservoir Engin	<u>eer</u>	_DATE	17 SEPT 2021
Type or print name Vanes For State Use Only	sa Neal	E-mail address:	_vanessa@faer	nergyus.com_	_ PHONE:	(832) 219-0990
APPROVED BY:		TITLE			DATE	
Conditions of Approval (if any):						

Submit To Appropr			:54:41	I PM_	State of New Mexico				Form C-105								
Two Copies District I				Ene		Minerals and										d April 3, 2017	
1625 N. French Dr. District II	Hobbs, NM	88240		Line	-6,,-	viiiioiuis uii			obourous		1. WELL	API N	O.			•	
811 S. First St., Arte	esia, NM 882	10			Oil	Conservat	tion D	ivisi	on		30-025-25						
<u>District III</u> 1000 Rio Brazos Ro	I., Aztec, NM	87410				20 South St					2. Type of Lease STATE FEE FED/INDIAN						
District IV 1220 S. St. Francis	Dr Santa Fe	NM 8750	5			Santa Fe, N					3. State Oil		_		ED/II VE	77.11	
				RECC		ETION RE			D LOG								
4. Reason for fili											5. Lease Nar		it Agree	ement Na	ame		
	ON REPO	RT (Fill i	n boxes	#1 throi	ioh #31	for State and Fe	e wells	only)			LANEHART 22 6. Well Number:						
					_						6. Well Num	iber:					
C-144 CLOS and/or #33; attach											πΟΟΙ						
7. Type of Comp	letion:					□PLUGBAC				VOI	R ⊠ OTHEI	R. DOW	NHOL E	COMM	IINGI F		
8. Name of Opera		WORKO	VLIC _	DEEL	211110	Leadhie	к	HILK	LIVI KLSLIK	701	9. OGRID	C. DOW	WIOLI	COMIN	IIIVOLL		
FAE II Operating LLC								329326									
10. Address of Op		G .	. 704	.	4	TX 77070					11. Pool nam					(0.77.)	
11757 Katy	Freewa Unit Ltr	Section		Towns		, 1X //0/9 Range	Lot		Feet from t	41	[33820] JAI	Feet fi		_			
12.Eocation					tne		the	TOITI	E/W I	Line	County						
	D	22		25S		37E			660		N	660		W		LEA	
	D	22						N	300		W		LEA				
13. Date Spudded 12/21/1977								. Date Compl 11/2021	eted	(Ready to Pro	duce)		.Elevati R, etc.) 3		and RKB, RT,		
18. Total Measure	ed Depth of	Well				k Measured Dep	oth			ional	l Survey Made	?				Other Logs Run	
3655'				360													
22. Producing Into YATES (2905		this comp	letion -	Top, Bo	ttom, Na	ame											
23.					CAS	ING REC	ORD	(Re	port all st	trin	igs set in v	well)					
CASING SIZ	Œ	WEIGH		FT.		DEPTH SET		H	OLE SIZE		CEMENT	NG REC		A	MOUN	T PULLED	
8-5/8"			24#	980' 12-1/4"						xs (Cir	c)						
4-1/2"		9	0.5#			3655'			7-7/8"		1315 sxs						
24.				L	LIN	ER RECORD				25		TUBIN	G REC	CORD			
SIZE	TOP		BO	TTOM		SACKS CEM	ENT	SCREE	EN	SIZ			PTH SE	Т	PACK	ER SET	
										2-	3/8"	350)4′				
26. Perforation	record (inte	rval, size.	, and nu	mber)		<u> </u>		27. AG	CID, SHOT.	. FR	ACTURE, C	EMEN	T. SOU	JEEZE.	ETC.	I	
2905-3021' (2	4 shots)			,			-		I INTERVAL	_	AMOUNT)	
							-										
28.							PRO	DHC	CTION								
Date First Produc	tion		Product	ion Meth	nod <i>(Flo</i>	wing, gas lift, p)	Well Status	s (Prod. o	or Shut-	in)			
3/11/2021			Pump	oing -	Rod						PROD						
Date of Test	Hours To	ested	Cho	ke Size		Prod'n For		Oil - B	bl		ıs - MCF		er - Bbl	l.		Oil Ratio	
3/29/2021	24 hrs					Test Period		1		5		13			5000		
Flow Tubing	Casing F	Pressure		culated 2	24-	Oil - Bbl.			s - MCF		Water - Bbl.		Oil G	ravity - A	API - (C	orr.)	
Press.				ır Rate		1		5			13						
29. Disposition of SOLD	Gas (Sold,	used for j	fuel, ven	ted, etc.,)							30. Te	st Witn	essed By	7		
31. List Attachme	ents											1					
32. If a temporary	pit was use	ed at the v	vell, atta	ich a pla	with th	e location of the	e tempor	arv pit.				133. Ri	ig Relea	se Date:			
34. If an on-site b	•			•			•	• •									
			, - *]			Latitude					Longitud	e			N	(AD83	
I hereby certif	y that she	inform	atlons	hown		h sides of this	s form	is true	and comp	lete	e to the best	of my	knowle	edge ar			
Signature	V~	— N	/*			Printed Name V	anessa	Neal	Title	Sr	Reservoir l	Engine	er I	Date 2	3 OC	T 2023	
			vi .														

INSTRUCTIONS

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.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeaste	n 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 2740	T. Miss	T. Pictured Cliffs	T. Penn. "D"		
T. 7 Rivers 3042	T. Devonian	T. Cliff House	T. Leadville		
T. Queen 3383	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	OH OD CAS		

OIL	OK	GAS
SANDS	OR	ZONES

			SIE IDS OIL EG	1120
No. 1, from	to	No. 3, from	to	
No. 2, from	to	No. 4, from	to	
	IMPORTANT \			
	vater inflow and elevation to which wate			
No. 1, from	to	feet	• • • • • • • • • • • • • • • • • • • •	
No. 2, from	to	feet	•••••	
No. 3, from	to	feet		
	I ITHOLOGY DECORD			

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	То	Thickness In Feet	Lithology	From	То	Thickness In Feet	Lithology

Submit To Appropri	D: 10/2:	<u>3/2023_2</u> Office	:54:40	PM_		T CNI	1 1											Page 6 of 1
Two Copies	iate District	Office		_		State of Ne												Form C-105
District I 1625 N. French Dr.	, Hobbs, NM	A 88240		Ene	ergy, N	Minerals and	d Nat	ural	Re	sources		1. WELL	AP	I NO	١.		Revise	d April 3, 2017
District II 811 S. First St., Art	esia, NM 88	3210			O:1	Conservat	ion 1	Div	icio			30-025-25	742					
District III	1 4 / 37	M 07410										2. Type of Lease						
1000 Rio Brazos Ro District IV	d., Aztec, Ni	M 87410				20 South St				r.		L STA			FEE		ED/IND	DIAN
1220 S. St. Francis						Santa Fe, N						3. State Oil &	& Ga	as Lea	se No			
WELL C	COMPL	ETION	OR F	RECC	MPL	ETION RE	POF	RT A	NE	LOG								
4. Reason for fili	ng:											5. Lease Name or Unit Agreement Name						
☑ COMPLETE	ON DED	DT (E:11 :	1	41 41	1. 421	f C4-4 1 F-	11	1-	-)			LANEHART 22						
C-144 CLOS	SURE AT	ГАСНМЕ	NT (Fill	l in box	es #1 thr	ough #9, #15 Da	ate Rig	g Rele	eased			6. Well Number #001	ber:					
and/or #33; attach 7. Type of Comp	letion:					PLUGBAC					VOI	R ⊠ OTHER	· D0	OWNI	HOLE	COMM	INGLE	
8. Name of Opera	ПЕССЕН	<u> Ш</u>	<i>D</i> 11 1	LICE	TT RESER	7 01	9. OGRID		, , , , , , , , , , , , , , , , , , ,	ICLL	COMM	HIVOLL						
FAE II Ope	rating I	LLC										329326						
10. Address of O		orr Cari	725	Ha	act on	TV 77070	`					11. Pool name						CD
11757 Katy				•					1	F + C	.1	[37240] LAI						
12.Location	Unit Ltr	Section	1	Towns	hip	Range	Lot			Feet from t	the		the		m	E/W L	ıne	County
Surface:					660		N	66	0		W		LEA					
BH:	D	22		25S		37E				365		N	30	0		W		LEA
13. Date Spudded 12/21/1977	1 14. Dat	e T.D. Rea	D. Reached 15. Date Rig Released 16. Date Compl 3/11/2021 3/11/2021							eted	(Ready to Prod	luce))		Elevation, etc.)		and RKB, RT,	
18. Total Measured Depth of Well 19. Plug Back Measured Depth 3655' 3600'							oth		20.	Was Directi	ional	Survey Made?	?	2	21. Ty	ype Elec	tric and	Other Logs Run
22. Producing Int QUEEN (335		f this comp	letion - 7	Гор, Во	ttom, Na	ame												
23.	0 3200)				CAS	ING REC	ORI	D (I			trin							
CASING SIZ	ZE		T LB./F	T.	I	DEPTH SET				LE SIZE		CEMENTI				A	MOUN	T PULLED
8-5/8"			24#			980'				2-1/4"		550 sx	_					
4-1/2"		9	.5#			3655'			7	'-7/8"		131	5 s	XS				
											1							
24.	TOD		l nor	ETO) (LIN	ER RECORD	ENT	COL) EE	T	25					ORD	D. CIZ	TED CET
SIZE	TOP		BOI	ТОМ		SACKS CEM	EN I	SCI	REEN	N		DIZE DEPTH SET PACKER SET 2-3/8" 3504'				ER SE1		
											2-	3/8	-	3304				
26. Perforation	record (int	terval size	and nur	nher)				27	۸C	ID SHOT	FD	ACTURE, C	EM.	ENT	SOL	EE7E	FTC	T
3377' (1 SPF)					3, 3510)', 3536', 355	2'.			INTERVAI		AMOUNT .						1
3555', 3572', 3	3580', 35									476'	<u></u>	Acidized	w/	1500	gals	NEFE	E acid,	375# rock
3562-3566' (1	SPF).							350	<u> </u>	566'		salt & flu						wtr. acid, 375#
								331	00-5	300					_			KCL wtr.
												TOOK Sait	CC 1.	Iusiic	u w	733 0	013 270	RCL wu.
20							pp/	וענ		TION		1						
28. Date First Produc	tion	<u> </u>	Producti	on Met	hod (Flo	wing, gas lift, pi					,)	Well Status	(Pr	od or	Shut-	in)		
3/11/2021	otion .		Pump		,	wing, gus tijt, pt	umping	5 512	ze am	х турс ритр	,	PROD	(1 / (<i>Ju.</i> 01	Situi i	,		
Date of Test 3/29/2021	Hours 7	Tested	Chol	ke Size		Prod'n For Test Period		Oil 1	- Bbl		Ga 3	s - MCF		Water 12	- Bbl	•	Gas - 0 3000	Oil Ratio
Flow Tubing	Casing	Pressure		ulated	24-	Oil - Bbl.				- MCF		Water - Bbl.	ļ		Oil Gr	avity - A	API - <i>(Co</i>	orr.)
Press.	f Gas (Solo	l used for t		r Rate)	1			3			12	1 30	Test	Witne	essed By	,	
29. Disposition of SOLD		., изец јог ј	uci, veill	.си, сис.	,								30	. 1031	** 11110	лосц Бу		
31. List Attachme													_					
32. If a temporary	pit was us	sed at the w	vell, atta	ch a pla	t with th	e location of the	tempo	orary	pit.				33	. Rig	Relea	se Date:		
34. If an on-site b	ourial was u	used at the	well, rep	ort the	exact loo		site bu	rial:					_1					
I hereby certij	fy tha r th	e inform	etion si	hown			s form	ı is t	rue	and comp	olete	Longitude to the best		ny kr	iowle	edge ar		ef
Signature	\ <u></u>	— M	1			Printed Name V	aness	a Ne	eal	Title	Sr	Reservoir E	engi	neer	Γ	Date 2	3 OCT	Г 2023
E-mail Addre	ss van	essa@fa	energy	us.cor	n_													

INSTRUCTIONS

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.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeaste	n 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 2740	T. Miss	T. Pictured Cliffs	T. Penn. "D"		
T. 7 Rivers 3042	T. Devonian	T. Cliff House	T. Leadville		
T. Queen 3383	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	OH OD CAS		

OIL	OK	GAS
SANDS	OR	ZONES

No. 1, from	to	No. 3, from	to
No. 2, from	to	No. 4, from	to
	IMPORT		
Include data on rate of water	er inflow and elevation to which	h water rose in hole.	
No. 1, from	to	feet	
No. 2, from	to	feet	
· ·	TELLOL OCULDEGO	D.D.	

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	То	Thickness In Feet	Lithology	From	То	Thickness In Feet	Lithology

Well Name: Lanehart 22 #001 **Plantation ID Number:** Lease Type: Private 25-S 37-E 660' FNL & 660' FWL 22 Location: Range: Sec: Township: Lea State: NM 30-025-25742 DHC-5102: Jalmat & Langlie-Mattix pools County: API: Formation: CURRENT Surface Csg KB: 3088.6' DF Size: 8-5/8" 24# GL: 3079.1' Wt.&Thrd: Grade: K-55 Spud Date: 12/21/1977 980' Compl. Date: 1/30/1978 Set @: Sxs cmt: 550 sxs Surface Circ: TOC: <u>Deviation Survey</u> Surface Hole Size: 12-1/4" MD (ft) TVD (ft) Inc (deg) 0.0 1366 1366.0 1.0 1415 1415.0 1509 1508.8 6.0 1604 1602.8 10.0 1726 12.5 1722.4 1795 1789.7 12.8 **KOP** 1366' 1951 1941.8 13.0 12.5 2138 2124.2 2324 2305.9 12.0 2478 2456.8 11.5 2572 2548.7 12.5 2697 2670.5 13.5 2855 2824.0 12.5 2979 12.3 2945.2 3169 3129.8 14.5 3220.7 3263 15.0 3389 3342.4 15.3 15.0 3515 3463.0 3655 3599.2 15.0 YATES (Top @ 2740') 2905-3021' (24 shots) - Aug 1987 Acidized w/ 1500 gals 15% NEFE; Frac w/ 31,000 gals CO2, 30,300 gals gel wtr, 107,500# sand SEVEN RIVERS (Top @ 3042') SN 3470' QUEEN (Top @ 3383') EOT 3504' 3377' (1 SPF) - Sept 1985 Acidize w/ 1200 gals 15% NEFE + 30 ball sealers w/ 5% chem-link micellar solv **Production Csg** 3356-3476' (22 holes) - Jan 1978 Size: 4-1/2" Acidize w/ 3,000 gals; Foam Frac w/ 40,000 gals wtr, 45,900# sand & 625,000 9.5# scf N2 (pumped over 3 stages, stages separated by ~500 gals 10# brine w/ N2 Wt.&Thrd: & 500# RS); Acidized w/ 1500 gals NEFE 15% acid, 375# rocksalt & flush w/ Grade: K-55 435 bbls 2% KCL wtr Set @: 3655' 131<u>5 sxs</u> 3508', 3510', 3536', 3552', 3555', 3572', 3580', 3582', 3587' (1 SPF) - Sept 1985 Sxs Cmt: Acidize w/ 1200 gals 15% NEFE + 30 ball sealers Circ: 3524-3528', 3541-3545', 3562-3566' (1 SPF) - Jan 1978 TOC: Hole Size: 7-7/8" Acidize w/ 1,000 gals 15% LSTNE acid; Frac w/ 75 bbls gelled 2% KCL wtr pad, 10,000 gals 2% KCL wtr, 15,000# sand; Acidized 3508-3566' w/ 1500 gals **PBTD 3600' MD** 15% NEFE acid, 375# rocksalt & flush w/ 435 bbls 2% KCL wtr TD 3655' MD / 3539' TVD

Tubulars - Capacities and Performance	9				
<u>bbl/ft</u>	<u>cf/ft</u>	Tensile (lbs) Burst (psi)	Collapse (psi)	<u>ID(in)</u>	Drift (in)
2-3/8" 4.7# J-55 EUE 8rd Tubing (N	A w/ bull plug,	perf sub, SN, ~108 jt 2-3/8" th	og)		
12' RHBC pump, 7- 1.5" k-bars, 133	3- 3/4" rods, 6'	sub, 22' PR w/ 10' liner.			

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

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 278390

ACKNOWLEDGMENTS

Γ	Operator:	OGRID:
	FAE II Operating LLC	329326
	11757 Katy Freeway, Suite 725	Action Number:
	Houston, TX 77079	278390
		Action Type:
		[C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

V	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
V	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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CONDITIONS

Action 278390

CONDITIONS

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Houston, TX 77079	278390
	Action Type:
	[C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
dmcclure	Amend past production to allocate it to the correct pools.	10/25/2023