

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  
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 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. 30-025-10423
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 LEGACY RESERVES OPERATING LP		6. State Oil & Gas Lease No.
3. Address of Operator 15 SMITH ROAD, SUITE 3000, MIDLAND, TX 79705		7. Lease Name or Unit Agreement Name Langlie Mattix Penrose Sand Unit
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>23</u> Township <u>22S</u> Range <u>37E</u> NMPM County <u>LEA</u>		8. Well Number <u>161</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3324' GL		9. OGRID Number 240974
		10. Pool name or Wildcat Langlie Mattix; 7 Rivers-Queen-Grayburg

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"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
DOWNHOLE COMMINGLE <input type="checkbox"/>	P AND A <input type="checkbox"/>
CLOSED-LOOP SYSTEM <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>
OTHER: <input type="checkbox"/>	OTHER: <input 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.

We are requesting the subject well be placed in TA status for five years. This well is located in a Waterflood Unit and we request temporary abandonment to allow for review of waterflood pattern and potential injector conversion.

1. TOO H with Production Equipment. Rods/2.375" Tubing/1.25 " insert Pump from ~ 3680'
2. PUMU 5" AW Scraper. RIH to 3504' (Note: 5" liner top starts @ 3108')
3. Set 5" CIBP @ 3454' (Note: 5" liner top starts @ 3108')
4. Spot 35' cement with bailer or 25 sx if pumping.
5. Tag cement top. Record depth.
6. Circulate well and load casing with inert fluid. Pre-test casing
7. Notify NMOCD for MIT.

**Condition of Approval: notify  
 OCD Hobbs office 24 hours  
 prior of running MIT Test & Chart**

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 Melanie Reyes TITLE Regulatory Tech DATE 01/16/2023

Type or print name MELANIE REYES E-mail address: mreyes@legacyreserves.com PHONE: 432-221-6358

**For State Use Only**

APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 1/19/23  
 Conditions of Appro:

## Wellbore Schematic

Printed: 12/2/2022

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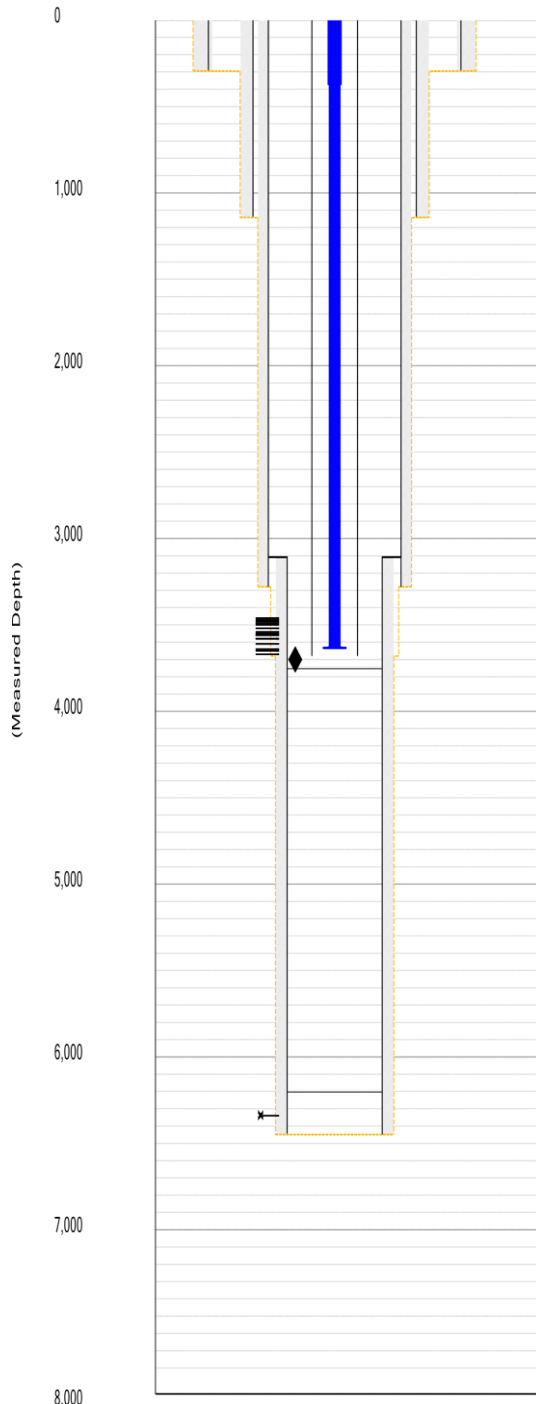
LMPSU # 161

BOLO ID: 300029.16.01

API # 3002510423

LMPSU # 161, 12/2/2022

660 FSL & 660 FWL	GL Elev: 3,324.00	KOP:	
Section 23, Township 22S, Range 37E		EOC:	
County, State: Lea, NM		Fill Depth:	
Aux ID: 41040		PBTD:	6,446.00
'KB' correction: ; All Depths Corr To:		TD:	6,450.00
		BOP:	



## Hole Size

Diameter	Top At	Btm At	Date Drilled
15.0000	0.00	295.00	4/3/1937
Bore size estimated.			
10.0000	295.00	1,143.00	4/7/1937
Bore size estimated.			
8.1250	1,143.00	3,280.00	5/6/1937
Bore size estimated.			
6.7500	3,280.00	3,681.00	5/7/1937
Bore size estimated. Formerly open hole.			
6.2500	3,681.00	6,450.00	2/5/1958

## Surface Casing

Date Ran: 4/3/1937

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing		13.3750			295.00	0.00	295.00

## Intermediate Casing

Date Ran: 4/7/1937

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing		8.6250			1,143.00	0.00	1,143.00

## Production Casing

Date Ran: 5/6/1937

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing		7.0000			3,280.00	0.00	3,280.00

## Production Liner

Date Ran: 2/5/1958

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing		7.0000			3,108.00	0.00	3,108.00
Liner Hanger		5.0000			3,341.00	3,108.00	6,449.00

## Cement

Top At	Btm At	I D	O D	TOC Per	# - Type	# Sx	Class	Wt.
0.00	295.00	13.000	15.000		10	250		
0.00	1,143.00	8.625	10.000		20	200		
TOC unknown.; TOC unknown.								
0.00	3,280.00	7.000	8.125		30	160		
TOC unknown.; TOC unknown.								
3,108.00	6,445.00	5.000	6.250		40	325		
TOC unknown.; TOC unknown.								
3,740.00	3,750.00	0.000	5.000		50	2		
Plug; Plug								
6,190.00	6,200.00	0.000	5.000		60	2		
Plug; Plug								

## Zone and Perfs

## SEVEN RIVERS

## Comments / Completion Summary

5/20/1937: Acidized former open hole interval (3280 - 3681) as part of initial completion process.  
 5/22/1937: Re-Acidized former OH interval.  
 2/5/1958: Re-completed in Drinkard zone with perfs from 6355 - 6445. Frac treatment on new perfs.  
 12/6/1960: Drinkard zone abandoned. Re-completed in penrose sand again with perfs from 3504 - 3662. Frac treatment on new perfs.  
 11/11/1972: Re-perforated in penrose sand zone and re-Frac treatment on existing and new perfs.

◇ = Fluid Level with Gas

◆ = Net Fluid Level

## Wellbore Schematic

Printed: 12/2/2022

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LMPSU # 161

BOLO ID: 300029.16.01

API # 3002510423

## Perforations

Top	Bottom	Formation	Status	Opened	Closed	# / Ft	Ttl #
3,280.00	3,681.00	Penrose Sand	PA	5/20/1937	2/5/1958		
3,475.00	3,475.00	Penrose Sand	A	11/10/1972			
3,480.00	3,480.00	Penrose Sand	A	11/10/1972			
3,495.00	3,495.00	Penrose Sand	A	11/10/1972			
3,504.00	3,504.00	Penrose Sand	A	12/6/1960			
3,505.00	3,505.00	Penrose Sand	A	11/10/1972			
3,514.00	3,514.00	Penrose Sand	A	12/6/1960			
3,536.00	3,536.00	Penrose Sand	A	12/6/1960			
3,550.00	3,560.00	Penrose Sand	A	11/10/1972			
3,561.00	3,561.00	Penrose Sand	A	12/6/1960			
3,570.00	3,575.00	Penrose Sand	A	11/10/1972			
3,571.00	3,571.00	Penrose Sand	A	12/6/1960			
3,579.00	3,579.00	Penrose Sand	A	12/6/1960			
3,590.00	3,595.00	Penrose Sand	A	11/10/1972			
3,598.00	3,598.00	Penrose Sand	A	12/6/1960			
3,620.00	3,625.00	Penrose Sand	A	11/10/1972			
3,655.00	3,680.00	Penrose Sand	A	11/10/1972			
3,662.00	3,662.00	Penrose Sand	A	12/6/1960			
6,355.00	6,445.00	Drinkard	PA	2/5/1958	12/6/1960		

## Wellbore Plugs and Junk

Top	Bottom	Type	Diameter	Solid	Date
3,750.00	3,755.00	CIBP	5.000	Yes	12/6/1960
6,200.00	6,205.00	CIBP	5.000	Yes	12/6/1960

## Tubing

Date Ran: 7/31/2007

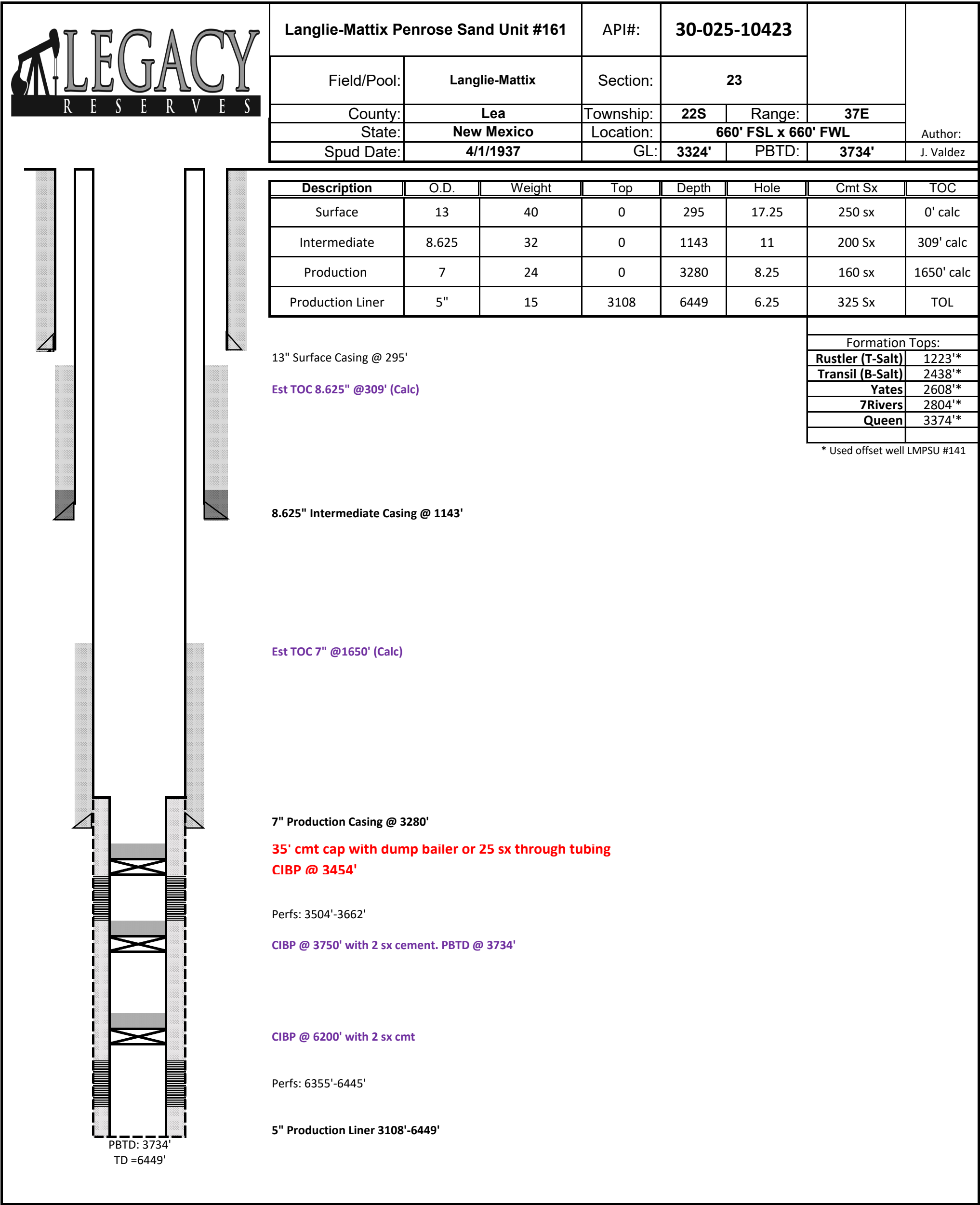
Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Tubing	118	2.3750	4.60	J55	3,644.00	0.00	3,644.00
Tubing	1	2.3750	4.60	End	31.00	3,644.00	3,675.00
Enduralloy Joint							
Seat Nipple	1	2.3750			1.00	3,675.00	3,676.00

## Rods

Date Ran: 10/30/2007

Description	#	Diameter	Rod Box	Grade	Length	Top At	Btm At
Rods	15	0.7500		D	375.00	0.00	375.00
Rods	130	0.6250		D	3,250.00	375.00	3,625.00
Rods	1	0.7500		D	2.00	3,625.00	3,627.00
Pump	1	1.2500			12.00	3,627.00	3,639.00

Proposed TA WBD



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CONDITIONS

Action 176235

CONDITIONS

Operator: LEGACY RESERVES OPERATING, LP 15 Smith Road Midland, TX 79705	OGRID: 240974
	Action Number: 176235
	Action Type: [C-103] NOI Temporary Abandonment (C-103I)

CONDITIONS

Created By	Condition	Condition Date
kfortner	Run TA test	1/19/2023