

Well Name: GREATER LYBROOK UNIT	Well Location: T23N / R9W / SEC 28 / NENW / 36.204663 / -107.795004	County or Parish/State: SAN JUAN / NM
Well Number: 794H	Type of Well: OIL WELL	Allottee or Tribe Name: EASTERN NAVAJO
Lease Number: NOG14031939, NOG14041965	Unit or CA Name:	Unit or CA Number: NMNM135216A, NMNM135255A
US Well Number: 3004535821	Well Status: Drilling Well	Operator: ENDURING RESOURCES LLC

Subsequent Report

Sundry ID: 2687148

Type of Submission: Subsequent Report	Type of Action: Workover Operations
Date Sundry Submitted: 08/15/2022	Time Sundry Submitted: 10:46
Date Operation Actually Began: 08/08/2022	

Actual Procedure: Enduring Resources performed a drillout and initial gas lift installation. An updated well schematic is attached. EOT: 4388' MD Packer: 4314' MD GLVs: 2122', 2951', 3607' MD Orifice Valve: 4272' MD Job Start: 08.08.2022 Job End: 08.10.2022

SR Attachments

Actual Procedure

GLU_794H___Production_WBD_08102022_20220815104559.pdf

Received by OCD: 8/25/2022 2:34:07 PM

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Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: HEATHER HUNTINGTON	Signed on: AUG 15, 2022 10:47 AM
Name: ENDURING RESOURCES LLC	
Title: Permitting Technician	
Street Address: 200 Energy Court	
City: Farmington	State: NM
Phone: (505) 636-9751	
Email address: HHUNTINGTON@ENDURINGRESOURCES.COM	

Field

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: KENNETH G RENNICK	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5055647742	BLM POC Email Address: krennick@blm.gov
Disposition: Accepted	Disposition Date: 08/25/2022
Signature: Kenneth Rennick	



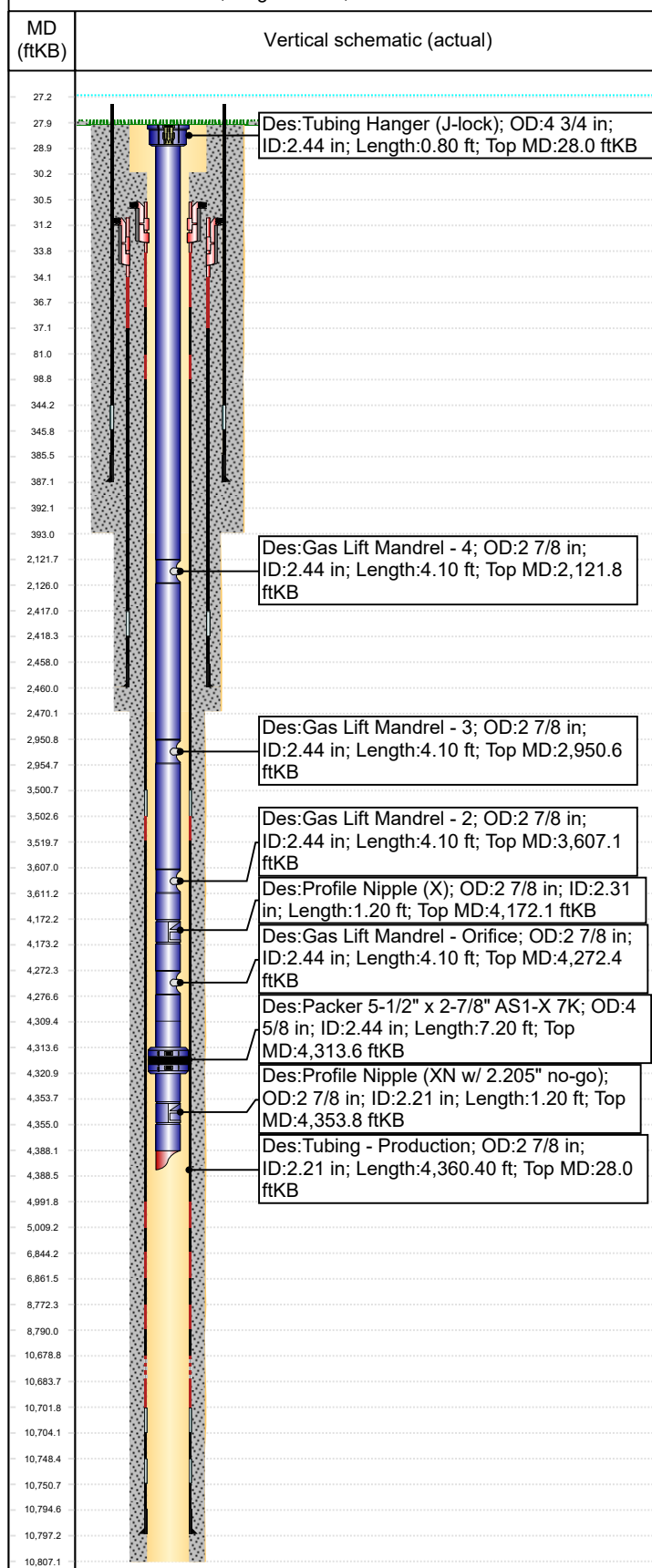
Enduring Resources IV - Production WBD

Well Name: GREATER LYBROOK UNIT 794H

NOTE: Well schematic is drawn vertically due to space constraints on the report. Please reference the directional surveys as needed.

API/UWI 30-045-35821	Surface Legal Location (UNIT C) NE/4 NW/4, SECTION 28, T23...	Field Name CHACO	License #	State/Province New Mexico	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,562.00	KB-Tubing Head Distance (ft)	Spud Date 3/27/2022 13:00	Rig Release Date	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB) Original Hole - 4,077.0

Horizontal, Original Hole, 8/10/2022 10:44:53 AM



Wellbore Sections

Section Des	Size (in)	Act Top (ftKB)	Act Top (TVD) (ftKB)	Act Btm (ftKB)	Act Btm (TVD) (ftKB)
Surface	17 1/2	28.0	28.0	393.0	393.0
Intermediate	12 1/4	393.0	393.0	2,470.0	2,367.7
Production	8 1/2	2,470.0	2,367.7	10,807.0	4,077.0

Rod Strings

Rod Description	Run Date	String Length (ft)	Set Depth (ftKB)
Item Des	Jts	OD (in)	Len (ft)
			Top (ftKB)
			Btm (ftKB)

Tubing - Production set at 4,388.4ftKB on 8/10/2022 10:00

Tubing Description	Run Date	String Length (ft)	Set Depth (ftKB)
Tubing - Production	8/10/2022	4,360.40	4,388.4
Item Des	Jts	Grade	Wt (lb/ft)
		OD (in)	ID (in)
		Len (ft)	Top (ftKB)
			Btm (ftKB)
Tubing Hanger (J-lock)	1		4 3/4
Tubing	64	L-80	6.50
Gas Lift Mandrel - 4	1		2 7/8
Tubing	25	L-80	6.50
Gas Lift Mandrel - 3	1		2 7/8
Tubing	20	L-80	6.50
Gas Lift Mandrel - 2	1		2 7/8
Tubing	17	L-80	6.50
Profile Nipple (X)	1		2 7/8
Tubing	3	L-80	6.50
Gas Lift Mandrel - Orifice	1		2 7/8
Tubing	1	L-80	6.50
Tubing (pup jt)	1	L-80	6.50
Packer 5-1/2" x 2-7/8" AS1-X 7K	1		2.44
Tubing	1	L-80	6.50
Profile Nipple (XN w/ 2.205" no-go)	1		2 7/8
Tubing	1	L-80	6.50
Half Mule Shoe (without pump-out-plug)	1		2 7/8

Surface, 387.3ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
13 3/8	54.50	J-55	Buttress Thread	27.4	387.3
Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
Casing Joints	8	316.75	27.4	344.1	
Float Collar	1	1.62	344.1	345.8	
Casing Joints	1	39.70	345.8	385.5	
Float Shoe	1	1.84	385.5	387.3	

Intermediate, 2,460.0ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
9 5/8	36.00	J-55	LT&C	31.0	2,460.0
Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
Casing Joints	0	0.00	31.0	31.0	
landing joint	0	0.00	31.0	31.0	
Casing Hanger	1	3.20	31.0	34.2	
Casing Pup Joint	1	3.00	34.2	37.2	



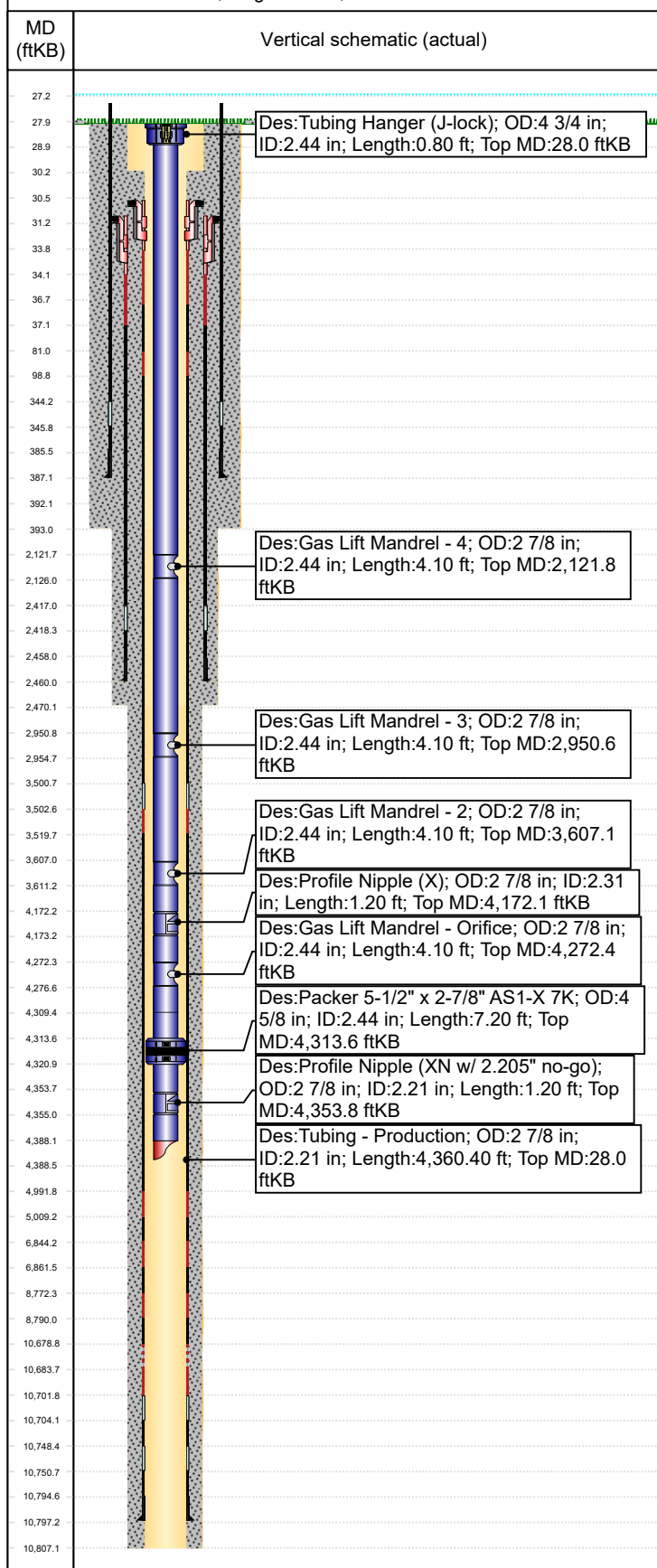
Enduring Resources IV - Production WBD

Well Name: GREATER LYBROOK UNIT 794H

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Horizontal, Original Hole, 8/10/2022 10:44:55 AM



Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints	60	2,379.72	37.2	2,416.9
Float Collar	1	1.50	2,416.9	2,418.4
Casing Joints	1	39.66	2,418.4	2,458.1
Float Shoe	1	1.90	2,458.1	2,460.0

Production, 10,797.2ftKB

OD (in) 5 1/2	Wt/Len (lb/ft) 20.00	String Grade P-110	Top Connection Buttress Thread	Top (ftKB) 30.6	Set Depth (ftKB) 10,797.2
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Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Marker Joint 7	0	0.00	30.6	30.6
Casing Joints	0	0.00	30.6	30.6
Landing Joint	0	0.00	30.6	30.6
Casing Hanger	1	3.20	30.6	33.8
Casing Pup Joint	1	3.00	33.8	36.8
Casing Joints	1	44.17	36.8	81.0
Marker Joint 6	1	17.66	81.0	98.7
Casing Joints	78	3,402.05	98.7	3,500.7
Air Lock	1	1.92	3,500.7	3,502.6
Marker Joint 5	1	17.16	3,502.6	3,519.8
Casing Joints	34	1,472.18	3,519.8	4,992.0
Marker Joint 4	1	17.18	4,992.0	5,009.1
Casing Joints	42	1,835.10	5,009.1	6,844.2
Marker Joint 3	1	17.22	6,844.2	6,861.5
Casing Joints	44	1,910.85	6,861.5	8,772.3
Marker Joint 2	1	17.85	8,772.3	8,790.2
Casing Joints	44	1,888.56	8,790.2	10,678.7
Toe Sleeve	1	5.10	10,678.7	10,683.8
Marker Joint	1	17.95	10,683.8	10,701.8
Float Collar	1	2.42	10,701.8	10,704.2
Casing Joints	1	44.16	10,704.2	10,748.4
Float Collar	1	2.42	10,748.4	10,750.8
Casing Joints	1	43.78	10,750.8	10,794.6
Float Shoe	1	2.65	10,794.6	10,797.2

Cement

Description Surface Casing Cement	Cementing Start Date 3/29/2022	Cementing End Date 3/29/2022
Comment PJSM, test lines, pump 10 bbls FW spacer, 10 bbls Sapp sweep, 10 bbls FW spacer & 86 bbls Type III cmt (350 sxs) @ 14.6 PPG, drop plug & disp w/ 49.5 bbls H2O, Did not bump plug(casing started to raise up), circ 32 bbls good cmt to surface		
Description Intermediate Casing Cement	Cementing Start Date 5/3/2022	Cementing End Date 5/3/2022
Comment Cement Offline as follows: PJSM with Drake Energy Services. Pressure tested lines to 2,000 psi. Pumped 10 bbls FW, 20 bbls D-Mud Breaker, & 10 bbls of FW. Pumped Lead Cement: 167.0 bbls (437 sx) 90:10 Poz:Type III at 12.5 ppg, 2.14 ft3/sk, 12.05 gal H2O/sk. Pumped Tail Cement: 33.0 bbls (136 sx) Type III Blend at 14.6 ppg, 1.38 ft3/sk, 6.64 gal H2O/sk. Dropped plug & began displacement. Displaced with 186 bbls FW. FCP at 1100 psi Bumped Plug at 1590 psi On Well. Maintained returns throughout job. Calculated 56 bbls to surface and got 56 bbls of good cement to surface. Top of Lead to surface and top of tail at 1,869 - ft MD. Released Rig @ 06:00 5/3/2022 to the Kimbeto Wash Unit 774 H. (Cement 08:30 Hour's To 11:00 Hour's on -5/3/2022)		



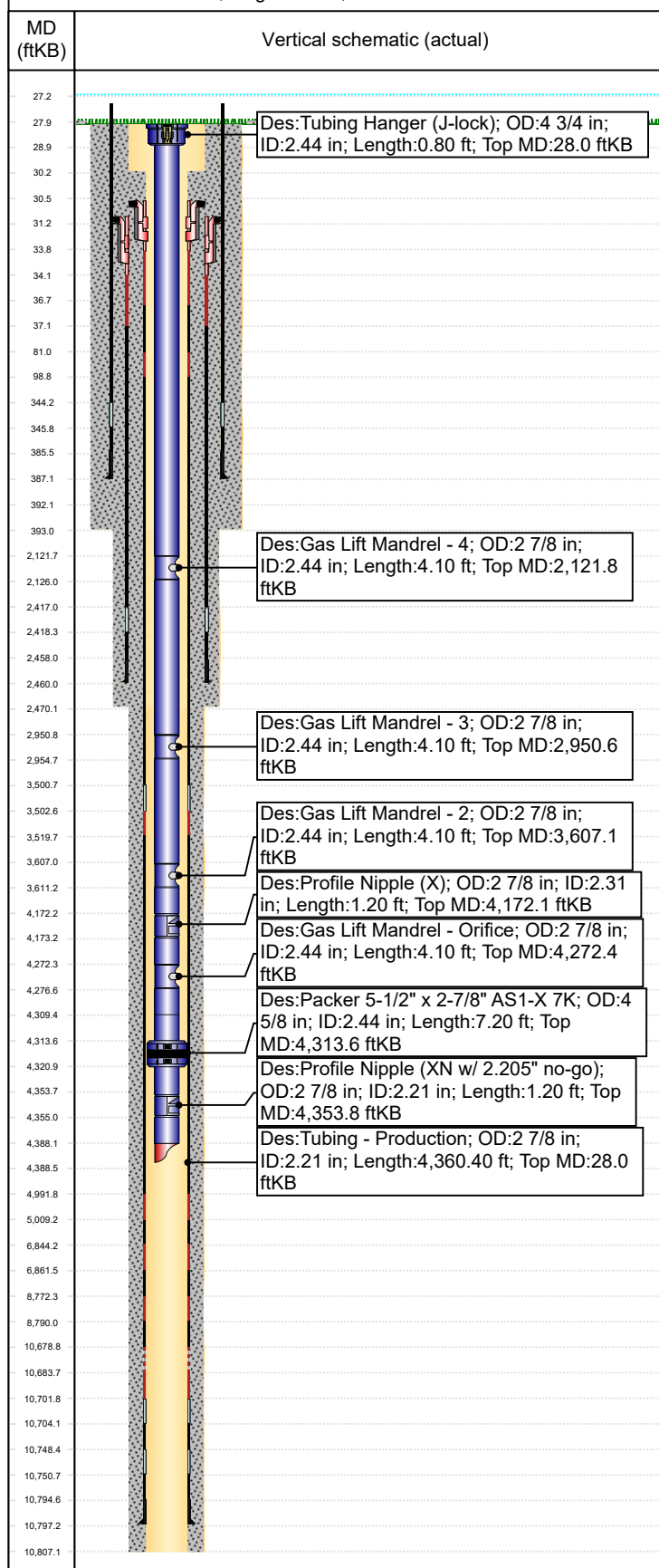
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Horizontal, Original Hole, 8/10/2022 10:44:56 AM



Cement

Description Production Casing Cement	Cementing Start Date 5/28/2022	Cementing End Date 5/28/2022
Comment PJSM with American Cementing. Pressure tested lines to 5100 psi. Pumped 60 bbls Intraguard Star @ Cement Summary: 11.0 ppg. Pumped Lead Cement: 192 bbls 379 sx) ASTM Type I/II at 12.4 ppg, 2.36 ft3/sk, 13.39 gal H2O/sk. Pumped Tail Cement: 327 bbls (2,503 sx) Class G Cement at 13.3 ppg, 1.56 ft3/sk, 7.69 gal H2O/sk. Washed lines, dropped plug & began displacement. Displaced with 238 bbls FW with cement retarder in 1st 50 bbls. FCP at 1,700-- psi Bump Plug at 4.0 bpm to 2,800- psi. Bled back 2.0 Bbls and floats held. Cement From 04:00 To 08:00- 5/29/2022 Top of Tail: Calculated 2,845 ft MD. Tof of Lead: surface Cement Back 58 BBL, Calculated Back 58- bbl's Cement in place at 07:15-- on 5/29/2022		

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

COMMENTS

Action 138214

COMMENTS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 138214
	Action Type: [C-103] Sub. Workover (C-103R)

COMMENTS

Created By	Comment	Comment Date
jagarcia	Accepted, John Garcia, Petroleum Engineer	11/17/2022

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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 138214

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 138214
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
jagarcia	None	11/17/2022