Received by Opp Po Apply 1922 1:02:03	State of New Me	exico	Form Cago 3	of 10
Office <u>District I</u> – (575) 393-6161	Energy, Minerals and Natu	ıral Resources	Revised July 18, 2013 WELL API NO.	٦
1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> – (575) 748-1283	OIL CONSERVATION DIVISION		30-015-38082	
811 S. First St., Artesia, NM 88210 <u>District III</u> – (505) 334-6178	1220 South St. Fra		5. Indicate Type of Lease]
1000 Rio Brazos Rd., Aztec, NM 87410 District IV – (505) 476-3460	Santa Fe, NM 8		STATE FEE 6. State Oil & Gas Lease No.	-
1220 S. 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				
			7. Lease Name or Unit Agreement Name	1
			CASSIOPEIA BQD STATE COM	
PROPOSALS.) 1. Type of Well: Oil Well	ROPOSALS.)		8. Well Number 001H	1
2. Name of Operator		9. OGRID Number		
CHEVRON USA INC 3. Address of Operator			4323 10. Pool name or Wildcat	-
6301 Deauville BLVD, Mid	land TX 79706		HAY HOLLOW; BONE SPRING	
4. Well Location	200 NODTI	1 470	DO FACT	1
Cint Ectici	200 feet from the NORTH	178	feet from the EAST line	
Section 25	Township 26S R 11. Elevation (Show whether DR	ange 27E	NMPM County EDDY	
	3100' GL			
12 6		CNT .	0.1	
12. Check A	Appropriate Box to Indicate N	lature of Notice,	Report or Other Data	
	ITENTION TO:		SEQUENT REPORT OF:	
PERFORM REMEDIAL WORK TEMPORARILY ABANDON	PLUG AND ABANDON ☑ CHANGE PLANS ☐	REMEDIAL WORK	—	
PULL OR ALTER CASING	MULTIPLE COMPL	CASING/CEMENT		
DOWNHOLE COMMINGLE			Notify OCD 24 hrs. prior to any work	
CLOSED-LOOP SYSTEM OTHER:		OTHER:	done	
			I give pertinent dates, including estimated date npletions: Attach wellbore diagram of	3
proposed completion or rec		c. For Multiple Col	inpletions: Attach wendore diagram of	
Move in, rig up P&A spre	ad			
N/U BOPE, pressure tes	t same			
TIH with workstring to tag Pump cement plugs as f	g existing CIBP+cement in	wellbore at 564	l6'.	
	C cement from 5559' to 540	9'. 25 sx cmt - W	OC & tag - See COA's	
2. Spot 🞾 sacks Class (C cement from 4 73 4' to 4 53	34'. 25 sx cmt 47	84' - 4584' - See COA's	
	C cement from 310 0' to 283 C cement from 2310 ' to 211		- See COA's 2360' - 2160' - See COA's	
Perforate & squeeze 1	152 sacks Class C cement	from 2000' to 1	500'. WOC, tag, pressure test.	
6. Perforate & squeeze 7. Rig down, move off lo	76 sacks Class C cement fr	om 250' to 0' to	surface.	
7. Itig down, move on lo	Jauon			
Spud Date:	Rig Release Da	ate:		
****SEE ATTACHE		1 00	ed by 4/21/2023	_
I hereby certify that the information	above is true and complete to the b	est of my knowledge	e and belief.	
SIGNATURE Hayes This Type or print name Hayes Thibo	ibodeaux _{TITLE} Engir	neer	DATE 4/21/2022	_
$ \frac{\nu}{\text{Type or print name}} $ Hayes Thibo	deaux F-mail addres	S:Hayes.Thibodeaux@d	PHONE: 281-726-9683	
For State Use Only	D-man addres	o	THOME.	
APPROVED BY:	TITLE	StallMan	ager DATE 4/25/2022	
Conditions of Approval (if any):	IIILE	Staff Man	DATE 4/20/2022	-

Cassiopeia BQD State Com #001H Short Procedure

API: 30-015-38082

All cement plugs are based on 1.32 yield for Class C

Rig Scope of Work

- 1. Contact NMOCD 24 hours in advance.
- 2. MIRU COILED TUBING UNIT
 - a. <u>Field operations have documented H2S in the field. Scavenger and intrinsically safe fans</u> WILL be required for this job.
- Check pressure on all casing strings. Verify no pressure and observe well for 15 minutes to verify no flow.
- 4. Kill well as per SOP.
- 5. N/D wellhead and N/U BOP.
- 6. Pressure test BOP to 250 psi low and 1,000 psi or MASP (whichever is larger) for 5 minutes each.
 - a. On a chart, no bleed off accepted.
- 7. TIH with pressure tested workstring and tag CIBP+cement at 5646'.
- 8. Isolate DV tool at 5509'
 - a. Spot 1x sacks Class C cement from 5559' to 5409'. 25 sx cmt WOC & tag See COA's
- 9. Isolate Brushy Canyon
 - a. Spot 24 sacks Class C cement from 4734' to 4534'.

25 sx cmt 4784' - 4584' - See COA's

- 10. Isolate Cherry Canyon, 9-5/8" shoe
 - a. Spot 27 sacks Class C cement from 3100' to 2830'.

3150' - 2880' - See COA's

- 11. Isolate Delaware Sand
 - a. Spot 20 sacks Class C cement from 2310' to 2110'.

25 sx cmt - 2360' - 2160' - See COA's

- 12. Isolate salt
 - a. Perforate & squeeze 152 sacks Class H cement from 2000' to 1500'. Conduct bubble test for 30 minutes after isolating Bell Canyon.
 - b. WOC, tag, test
 - c. If bubble test fails, plan to run a CBL to confirm cement quality behind 5-1/2" casing.
 - d. Adjust forward plan for a perforate and squeeze contingency cement plug
 - e. Ultimate goal is to address failed test prior to fresh water depths
 - f. Confirm forward plan with engineer and request forward plan approval with NMOCD
- 13. Isolate FW zones
 - a. Perforate & squeeze 76 sacks Class C cement from 250' to surface
 - b. Fresh water depths appx 100'
- 14. Verify cement to surface.
- 15. N/D BOP, install wellhead
- 16. RDMO.
 - b. While RDMO, perform final 30-minute bubble test on surface and production casings. Record in WellView.

CONDITIONS FOR PLUGGING AND ABANDONMENT

OCD - Southern District

The following is a guide or checklist in preparation of a plugging program, this is not all inclusive and care must be exercised in establishing special plugging programs in unique and unusual cases, Notify NMOCD District Office II at (575)-748-1283 at least 24 hours before beginning work. After MIRU rig will remain on well until it is plugged to surface. OCD is to be notified before rig down. Company representative will be on location during plugging procedures.

- A notice of intent to plug and abandon a wellbore is required to be approved before plugging
 operations are conducted. A cement evaluation tool is required in order to ensure isolation of
 producing formations, protection of water and correlative rights. A cement bond log or other
 accepted cement evaluation tool is to be provided to the division for evaluation if one has not
 been previously run or if the well did not have cement circulated to surface during the original
 casing cementing job or subsequent cementing jobs. Insure all bradenheads have been
 exposed, identified and valves are operational prior to rig up.
- 2. Closed loop system is to be used for entire plugging operation. Upon completion, contents of steel pits are to be hauled to a permitted disposal location.
- 3. Trucking companies being used to haul oilfield waste fluids to a disposal commercial or private shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator as well as the contractor, to verify that this permit is in place prior to performing work. Drivers shall be able to produce a copy upon request of an NMOCD Field inspector.
- 4. Filing a subsequent C-103 will serve as notification that the well has been plugged.
- 5. A final C-103 shall be filed (and a site inspection by NMOCD Inspector to determine if the location is satisfactorily cleaned, all equipment, electric poles and trash has been removed to Meet NMOCD standards) before bonding can be released.
- 6. If work has not begun within 1 Year of the approval of this procedure, an extension request must be file stating the reason the well has not been plugged.
- 7. Squeeze pressures are not to exceed 500 psi, unless approval is given by NMOCD.
- 8. Produced water will not be used during any part of the plugging operation.
- 9. Mud laden fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
- 10. All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater. 50' of calculated cement excess required for inside casing plugs and 100% calculated cement excess required on outside casing plugs.
- 11. Class 'C' cement will be used above 7500 feet.
- 12. Class 'H' cement will be used below 7500 feet.
- 13. A cement plug is required to be set 50' above and 50' below, casing stubs, DV tools, attempted casing cut offs, cement tops outside casing, salt sections and anywhere the casing is perforated, these plugs require a 4 hour WOC and then will be tagged
- 14. All Casing Shoes Will Be Perforated 50' below shoe depth and Attempted to be Squeezed, cement needs to be 50' above and 50' Below Casing Shoe inside the Production Casing.

- 16. When setting the top out cement plug in production, intermediate and surface casing, wellbores should remain full at least 30 minutes after plugs are set
- 17. A CIBP is to be set within 100' of production perforations, capped with 100' of cement, WOC 4 hours and tag.
- 18. A CIBP with 35' of cement may be used in lieu of the 100' plug if set with a bailer. This plug will be placed within 100' of the top perforation, (WOC 4 hrs and tag).
- 19. No more than 3000' is allowed between cement plugs in cased hole and 2000' in open hole.
- 20. Some of the Formations to be isolated with cement plugs are: These plugs to be set to isolate formation tops
 - A) Fusselman
 - B) Devonian
 - C) Morrow
 - D) Wolfcamp
 - E)Bone Springs
 - F) Delaware
 - G) Any salt sections
 - H) Abo
 - I) Glorieta
 - J) Yates.
 - K)Potash---(In the R-111-P Area (Page 3 & 4), a solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts that are common to the section penetrated and in suitable proportions, not more than 3% calcium chloride (by weight of cement) will be considered the desired mixture whenever possible, WOC 4 hours and tag, this plug will be 50' below the bottom and 50' above the top of the Formation.
- 21. If cement does not exist behind casing strings at recommended formation depths, the casing can be cut and pulled with plugs set at recommended depths. If casing is not pulled, perforations will be shot and cement squeezed behind casing, WOC and tagged. These plugs will be set 50' below formation bottom to 50' above formation top inside the casing

DRY HOLE MARKER REQUIRMENTS

The operator shall mark the exact location of the plugged and abandoned well with a steel marker not less than four inches in diameter, 3' below ground level with a plate of at least ¼" welded to the top of the casing and the dry hole marker welded on the plate with the following information welded on the dry hole marker:

1. Operator name 2. Lease and Well Number 3.API Number 4. Unit Letter 5. Quarter Section (feet from the North, South, East or West) 6. Section, Township and Range 7. Plugging Date 8. County (SPECIAL CASES)------AGRICULTURE OR PRARIE CHICKEN BREEDING AREAS

In these areas, a below ground marker is required with all pertinent information mentioned above on a plate, set 3' below ground level, a picture of the plate will be supplied to NMOCD for record, the exact location of the marker (longitude and latitude by GPS) will be provided to NMOCD (We typically require a current survey to verify the GPS)

SITE REMEDIATION DUE WITHIN ONE YEAR OF WELL PLUGGING COMPLETION

R-111-P Area

T 18S - R 30E

Sec 10 Unit P. Sec 11 Unit M,N. Sec 13 Unit L,M,N. Sec 14 Unit C -P. Sec 15 Unit A G,H,I,J,K,N,O,P. Sec 22 Unit All except for M. Sec 23, Sec 24 Unit C,D,E,L, Sec 26 Unit A-G, Sec 27 Unit A,B,C

T 19S - R 29E

Sec 11 Unit P. Sec 12 Unit H-P. Sec 13. Sec 14 Unit A,B,F-P. Sec 15 Unit P. Sec 22 Unit A,B,C,F,G,H,I,J K,N,O,P. Sec 23. Sec 24. Sec 25 Unit D. Sec 26 Unit A-F. Sec 27 Unit A,B,C,F,G,H.

T 19S - R 30E

Sec 2 Unit K,L,M,N. Sec 3 Unit I,L,M,N,O,P. Sec 4 Unit C,D,E,F,G,I-P. Sec 5 Unit A,B,C,E-P. Sec 6 Unit I,O,P. Sec 7 – Sec 10. Sec 11 Unit D, G—P. Sec 12 Unit A,B,E-P. Sec 13 Unit A-O. Sec 14-Sec 18. Sec 19 Unit A-L, P. Sec 20 – Sec 23. Sec 24 Unit C,D,E,F,L,M,N. Sec 25 Unit D. Sec 26 Unit A-G, I-P. Sec 27, Sec 28, Sec 29 Unit A,B,C,D,F,G,H,I,J,O,P. Sec 32 Unit A,B,G,H,I,J,N,O,P. Sec 33. Sec 34. Sec 35. Sec 36 Unit D,E,F,I-P.

T 19S - R 31E

Sec 7 Unit C,D,E,F,L. Sec 18 Unit C,D,E,F,G,K,L. Sec 31 Unit M. Sec 34 Unit P. Sec 35 Unit M,N,O. Sec 36 Unit O,P.

T 20S - R 29E

Sec 1 Unit H,I,P. Sec 13 Unit E,L,M,N. Sec 14 Unit B-P. Sec 15 Unit A,H,I,J,N,O,P. Sec 22 Unit A,B,C,F,G,H,I,J,O,P. Sec 23. Sec 24 Unit C,D,E,F,G,J-P. Sec 25 Unit A-O. Sec 26. Sec 27 Unit A,B,G,H,I,J,O,P. Sec 34 Unit A,B,G,H. Sec 35 Unit A-H. Sec 36 Unit B-G.

T 20S - R 30E

Sec 1 – Sec 4. Sec 5 Unit A,B,C,E-P. Sec 6 Unit E,G-P. Sec 7 Unit A-H,I,J,O,P. Sec 8 – 17. Sec 18 Unit A,B,G,H,I,J,O,P. Sec 19 Unit A,B,G,H,I,J,O,P. Sec 30 Unit A-L,N,O,P. Sec 31 Unit A,B,G,H,I,P. Sec 32 – Sec 36.

T 20S - R 31E

Sec 1 Unit A,B,C,E-P. Sec 2. Sec 3 Unit A,B,G,H,I,J,O,P. Sec 6 Unit D,E,F,J-P. Sec 7. Sec 8 Unit E-P. Sec 9 Unit E,F,J-P. Sec 10 Unit A,B,G-P. Sec 11 – Sec 36.

T 21S - R 29E

Sec 1 – Sec 3. Sec 4 Unit L1 – L16,I,J,K,O,P. Sec 5 Unit L1. Sec 10 Unit A,B,H,P. Sec 11 – Sec 14. Sec 15 Unit A,H,I. Sec 23 Unit A,B. Sec 24 Unit A,B,C,D,F,G,H,I,J,O,P. Sec 25 Unit A,O,P. Sec 35 Unit G,H,I,J,K,N,O,P. Sec 36 A,B,C,F – P.

T 21S - R 30E

Sec 1 – Sec 36

T 21S - R 31E

Sec 1 – Sec 36

T 22S - R 28E

Sec 36 Unit A,H,I,P.

T 22S - R 29E

Sec 1. Sec2. Sec 3 Unit I,J,N,O,P. Sec 9 Unit G – P. Sec 10 – Sec 16. Sec 19 Unit H,I,J. Sec 20 – Sec 28. Sec 29 Unit A,B,C,D,G,H,I,J,O,P. Sec 30 Unit A. Section 31 Unit C – P. Sec 32 – Sec 36

T 22S - R 30E

Sec 1 – Sec 36

T 22S - R 31E

Sec 1 – Sec 11. Sec 12 Unit B,C,D,E,F,L. Sec 13 Unit E,F,K,L,M,N. Sec 14 – Sec 23. Sec 24 Unit C,D,E,F,K,L,M,N. Sec 25 Unit A,B,C,D. Sec 26 Unit A,BC,D,G,H. Sec 27 – Sec 34.

T 23S - R 28E

Sec 1 Unit A

T 23S - R 29E

Sec 1 – Sec 5. Sec 6 Unit A – I, N,O,P. Sec 7 Unit A,B,C,G,H,I,P. Sec 8 Unit A – L, N,O,P. Sec 9 – Sec 16. Sec 17 Unit A,B,G,H,I,P. Sec 21 – Sec 23. Sec 24 Unit A – N. Sec 25 Unit D,E,L. Sec 26. Sec 27. Sec 28 Unit A – J, N,O,P. Sec 33 Unit A,B,C. Sec 34 Unit A,B,C,D,F,G,H. Sec 35. Sec 36 Unit B,C,D,E,F,G,K,L.

T 23S - R 30E

Sec 1 – Sec 18. Sec 19 Unit A – I,N,O,P. Sec 20, Sec 21. Sec 22 Unit A – N, P. Sec 23, Sec 24, Sec 25. Sec 26 Unit A,B,F-P. Sec 27 Unit C,D,E,I,N,O,P. Sec 28 Unit A – H, K,L,M,N. Sec 29 Unit A – J, O,P. Sec 30 Unit A,B. Sec 32 A,B. Sec 33 Unit C,D,H,I,O,P. Sec 34, Sec 35, Sec 36.

T 23S - R 31E

Sec 2 Unit D,E,J,O. Sec 3 – Sec 7. Sec 8 Unit A – G, K – N. Sec 9 Unit A,B,C,D. Sec 10 Unit D,P. Sec 11 Unit G,H,I,J,M,N,O,P. Sec 12 Unit E,L,K,M,N. Sec 13 Unit C,D,E,F,G,J,K,L,M,N,O. Sec 14. Sec 15 Unit A,B,E – P. Sec 16 Unit I, K – P. Sec 17 Unit B,C,D,E, I – P. Sec 18 – Sec 23. Sec 24 Unit B – G, K,L,M,N. Sec 25 Unit B – G, J,K,L. Sec 26 – Sec 34. Sec 35 Unit C,D,E.

T 24S – R 29E

Sec 2 Unit A, B, C, D. Sec 3 Unit A

T 24S - R 30E

Sec 1 Unit A - H, J - N. Sec 2, Sec 3. Sec 4 Unit A,B,F - K, M,N,O,P. Sec 9 Unit A - L. Sec 10 Unit A - L, O,P. Sec 11. Sec 12 Unit D,E,L. Sec 14 Unit B - G. Sec 15 Unit A,B,G,H.

T 24S - R 31E

Sec 3 Unit B – G, J – O. Sec 4. Sec 5 Unit A – L, P. Sec 6 Unit A – L. Sec 9 Unit A – J, O,P. Sec 10 Unit B – G, K – N. Sec 35 Unit E – P. Sec 36 Unit E,K,L,M,N.

T 25S - R 31E

Sec 1 Unit C,D,E,F. Sec 2 Unit A – H.

Cassiopeia BQD State Com #001H Short Procedure

API: 30-015-38082

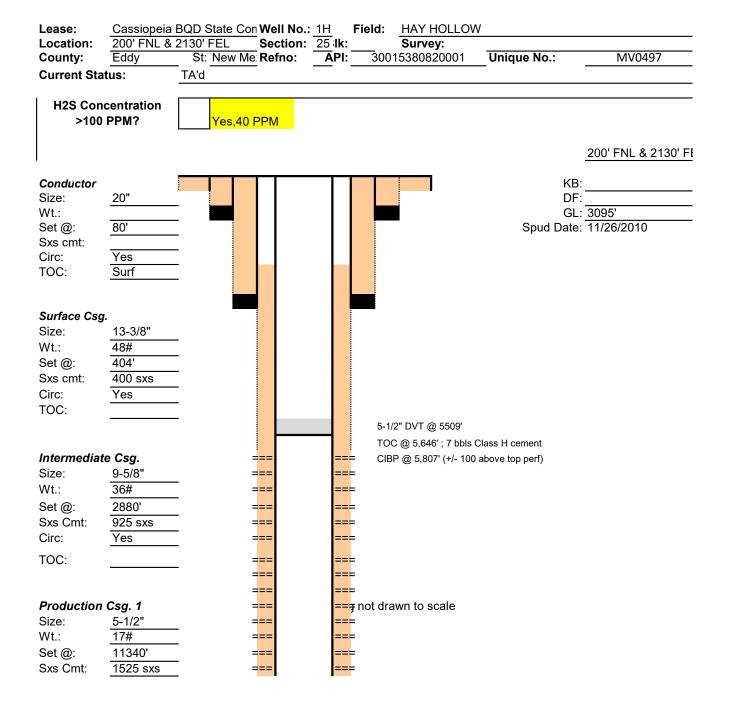
All cement plugs are based on 1.32 yield for Class C

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 - a. On a chart, no bleed off accepted.
- 7. TIH with pressure tested workstring and tag CIBP+cement at 5646'.
- 8. Isolate DV tool at 5509'
 - a. Spot 15 sacks Class C cement from 5559' to 5409'.
- 9. Isolate Brushy Canyon
 - a. Spot 20 sacks Class C cement from 4734' to 4534'.
- 10. Isolate Cherry Canyon, 9-5/8" shoe
 - a. Spot 27 sacks Class C cement from 3100' to 2830'.
- 11. Isolate Delaware Sand
 - a. Spot 20 sacks Class C cement from 2310' to 2110'.
- 12. Isolate salt
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- 13. Isolate FW zones
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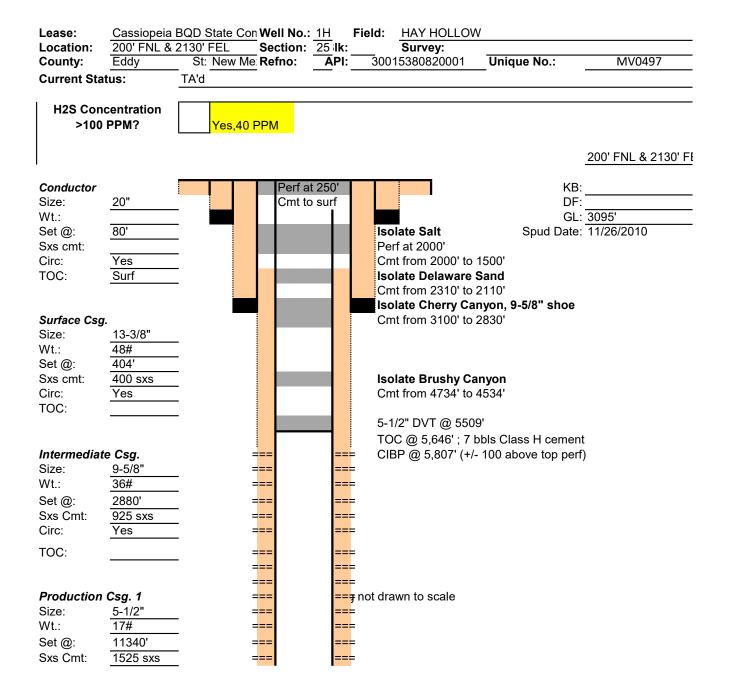
Current WBD

CURRENT WELLBORE DIAGRAM



Proposed WBD

PROPOSED WELLBORE DIAGRAM



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**

CONDITIONS

Action 100633

CONDITIONS

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	100633
	Action Type:
	[C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By		Condition Date
gcordero	None	4/25/2022