

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

WELL API NO. 30-025-03867
5. Indicate Type of Lease STATE [X] FEE [ ]
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name West Lovington Unit
8. Well Number 36
9. OGRID Number 241333
10. Pool name or Wildcat Lovington, Upper San Andres, West
11. Elevation (Show whether DR, RKB, RT, GR, etc.)

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.)
1. Type of Well: Oil Well [ ] Gas Well [X] Other [ ]
2. Name of Operator CHEVRON MIDCONTINENT, L.P.
3. Address of Operator 6301 Deauville BLVD, Midland, TX 79706
4. Well Location Unit Letter O : 660 feet from the South line and 1980 feet from the East line
Section 04 Township 17S Range 36E NMPM County LEA
11. Elevation (Show whether DR, RKB, RT, GR, etc.)

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

NOTICE OF INTENTION TO:
PERFORM REMEDIAL WORK [ ] PLUG AND ABANDON [ ]
TEMPORARILY ABANDON [ ] CHANGE PLANS [ ]
PULL OR ALTER CASING [ ] MULTIPLE COMPL [ ]
DOWNHOLE COMMINGLE [ ]
CLOSED-LOOP SYSTEM [ ]
OTHER: [ ]
SUBSEQUENT REPORT OF:
REMEDIAL WORK [ ] ALTERING CASING [ ]
COMMENCE DRILLING OPNS. [ ] P AND A [X]
CASING/CEMENT JOB [ ] PNR
OTHER: [ ]

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.

- 2/16/2022: MIRU. Establish injection rate beneath packer at 1 bpm @ 1200 psi. Receive permission to squeeze cement below packer. Squeeze 25 sacks Class C cement from 4848' to 4608'.
2/17/2022: Unable to release packer. Able to release from on/off tool. Packer left at 4552'. Pressure test casing to 1500 psi - good. Spot 25 sacks Class C cement from 4552' to 4312'. Tag at 4290'. Test to 1500 psi - good. Spot 25 sacks Class C cement from 3114' to 2874'.
2/18/2022: Perforate at 2137', inject 0.5 bpm at 1200 psi. Mix and squeeze 80 sacks Class C from 2137' to 1810'. Tag at 1801'. Perforate at 1750'. Mix and squeeze 120 sacks Class C cement from 1750' to 1250'.
2/19/2022: Tag TOC at 1233'. Cut 5-1/2" casing at 1178'.
2/24/2022: Work pipe into 5-1/2" stub. Spot 70 sacks Class C cement from 1177' - 900'. Tag at 723'.
2/25/2022: Mix and spot 200 sacks Class C cement from 723' to surface

Spud Date:

[Empty box for Spud Date]

Rig Release Date:

[Empty box for Rig Release Date]

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

SIGNATURE Hayes Thibodeaux TITLE Engineer DATE 3/3/2022

Type or print name Hayes Thibodeaux E-mail address: hayes.thibodeaux@chevron.com PHONE: 281-726-9683

For State Use Only

APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 5/23/22

Conditions of Approval (if any):



# EMC Cement Plugs Summary

Well Name WEST LOVINGTON UNIT 036	Field Name Lovington	Lease West Lovington Unit	Area Oil Area Operations
Business Unit EMC	County/ Parish Lea	Global Metrics Region EMC US East	Surface UWI 3002503867

**Cement Plugs**

**Squeeze, 2/16/2022 12:30**

Cementing Start Date 2/16/2022 12:30	Cementing End Date 2/16/2022 13:00	Description Cement Squeeze	Type Squeeze	Vendor Sunset Well Services	Technical Result Success
Stage Number 1	Top Depth (ftKB) 4,608.0	Bottom Depth (ftKB) 4,848.0	Avg Pump Rate (bbl/min) 1	Final Pump Pressure (psi) 1,000.0	Depth Tagged (MD) (ftKB) 5.8
Fluid Type Lead	Class C	Density (lb/gal) 14.80	Yield (ft <sup>3</sup> /sack) 1.32	Quantity (sacks) 25	Volume Pumped (bbl) 5.8

**Plug, 2/17/2022 12:00**

Cementing Start Date 2/17/2022 12:00	Cementing End Date 2/17/2022 12:30	Description Cement Plug	Type Plug	Vendor Sunset Well Services	Technical Result Success
Stage Number 1	Top Depth (ftKB) 4,312.0	Bottom Depth (ftKB) 4,552.0	Avg Pump Rate (bbl/min) 2	Final Pump Pressure (psi) 0.0	Depth Tagged (MD) (ftKB) 4,290
Fluid Type Lead	Class C	Density (lb/gal) 14.80	Yield (ft <sup>3</sup> /sack) 1.32	Quantity (sacks) 25	Volume Pumped (bbl) 5.8

**Plug, 2/17/2022 17:00**

Cementing Start Date 2/17/2022 17:00	Cementing End Date 2/17/2022 17:30	Description Cement Plug	Type Plug	Vendor Sunset Well Services	Technical Result Success
Stage Number 1	Top Depth (ftKB) 2,874.0	Bottom Depth (ftKB) 3,114.0	Avg Pump Rate (bbl/min) 2	Final Pump Pressure (psi) 0.0	Depth Tagged (MD) (ftKB) 5.8
Fluid Type Lead	Class C	Density (lb/gal) 14.80	Yield (ft <sup>3</sup> /sack) 1.32	Quantity (sacks) 25	Volume Pumped (bbl) 5.8

**Squeeze, 2/18/2022 10:30**

Cementing Start Date 2/18/2022 10:30	Cementing End Date 2/18/2022 11:00	Description Cement Squeeze	Type Squeeze	Vendor Sunset Well Services	Technical Result Success
Stage Number 1	Top Depth (ftKB) 1,810.0	Bottom Depth (ftKB) 2,137.0	Avg Pump Rate (bbl/min) 1	Final Pump Pressure (psi) 1,000.0	Depth Tagged (MD) (ftKB) 1,801
Fluid Type Lead	Class C	Density (lb/gal) 14.80	Yield (ft <sup>3</sup> /sack) 1.32	Quantity (sacks) 80	Volume Pumped (bbl) 18.8

**Squeeze, 2/18/2022 17:15**

Cementing Start Date 2/18/2022 17:15	Cementing End Date 2/18/2022 17:45	Description Cement Squeeze	Type Squeeze	Vendor Sunset Well Services	Technical Result Success
Stage Number 1	Top Depth (ftKB) 1,250.0	Bottom Depth (ftKB) 1,750.0	Avg Pump Rate (bbl/min) 1	Final Pump Pressure (psi) 1,200.0	Depth Tagged (MD) (ftKB) 28.2
Fluid Type Lead	Class C	Density (lb/gal) 14.80	Yield (ft <sup>3</sup> /sack) 1.32	Quantity (sacks) 120	Volume Pumped (bbl) 28.2

**Plug, 2/24/2022 13:45**

Cementing Start Date 2/24/2022 13:45	Cementing End Date 2/24/2022 14:15	Description Cement Plug	Type Plug	Vendor Sunset Well Services	Technical Result Success
Stage Number 1	Top Depth (ftKB) 900.0	Bottom Depth (ftKB) 1,177.0	Avg Pump Rate (bbl/min) 2	Final Pump Pressure (psi) 0.0	Depth Tagged (MD) (ftKB) 16.4
Fluid Type Lead	Class C	Density (lb/gal) 14.80	Yield (ft <sup>3</sup> /sack) 1.32	Quantity (sacks) 70	Volume Pumped (bbl) 16.4

**Plug, 2/25/2022 09:00**

Cementing Start Date 2/25/2022 09:00	Cementing End Date 2/25/2022 09:30	Description Cement Plug	Type Plug	Vendor Sunset Well Services	Technical Result Success
Stage Number 1	Top Depth (ftKB) 0.0	Bottom Depth (ftKB) 723.0	Avg Pump Rate (bbl/min) 2	Final Pump Pressure (psi) 0.0	Depth Tagged (MD) (ftKB) 47.0
Fluid Type Lead	Class C	Density (lb/gal) 14.80	Yield (ft <sup>3</sup> /sack) 1.32	Quantity (sacks) 200	Volume Pumped (bbl) 47.0

**Total Sacks Pumped**

Start Date	End Date	Type	Sum of Quantity (sacks)
2/16/2022 12:30	2/16/2022 13:00	Squeeze	25
2/17/2022 12:00	2/17/2022 12:30	Plug	25
2/17/2022 17:00	2/17/2022 17:30	Plug	25
2/18/2022 10:30	2/18/2022 11:00	Squeeze	80
2/18/2022 17:15	2/18/2022 17:45	Squeeze	120
2/24/2022 13:45	2/24/2022 14:15	Plug	70
2/25/2022 09:00	2/25/2022 09:30	Plug	200
<b>Total (Sum)</b>			<b>545</b>

**Equipment Pressure Tests**

Date 2/19/2022 09:00	Test Type Cement Plug	Applied Surface Pressure (psi) 1,500	Item Tested Original Hole
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Comment  
Tested Cement plug 1500 PSI

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# EMC Ops Summary - External

Well Name WEST LOVINGTON UNIT 036	Field Name Lovington	Lease West Lovington Unit	Area Oil Area Operations
Business Unit EMC	County/ Parish Lea	Global Metrics Region EMC US East	Surface UWI 3002503867

**Basic Well Data**

Current RKB Elevation 3,891.00, 2/16/2022	Original RKB Elevation (ft) 3,891.00	Latitude (°) 32° 51' 30.24" N	Longitude (°) 103° 21' 24.336" W
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Phases					
Actual Start Date	Actual End Date	Phase 1	Phase 2	Time Log Hrs (hr)	Percent Problem Time (%)
1/16/2022 07:00	1/16/2022 17:00	PREP	FAC	10.00	
2/16/2022 07:00	2/16/2022 07:15	MOB	MOVEON	0.25	
2/16/2022 07:15	2/16/2022 12:30	ABAN	TBGPULL	5.25	
2/16/2022 12:30	2/18/2022 15:00	ABAN	CMTPLUG	25.00	
2/19/2022 09:30	2/24/2022 13:45	ABAN	CSGPULL	39.75	
2/24/2022 13:45	2/28/2022 08:30	ABAN	CMTPLUG	13.50	
		REST	FAC		

**Rpt # 1, 1/16/2022**

Operations Summary  
HSE meeting, wellhead gas/pressure checks, verified dig plan, performed location line sweep, hand dug caliche rock around wellhead to expose risers, removed old plumbing, made up new assemblies, installed new risers, painted new valves as per code, backfilled excavation, cleared location from brush & mesquite trees, load/secured equipment, location is prepped.

**Rpt # 2, 2/16/2022**

Operations Summary  
Move on. JSA and safety meeting, set up signs and muster areas, refresh whiteboard, and sign permits. Offload equipment from float. R/U pump and hard lines. R/U rig and associated equipment. Check pressures - 150 psi tubing, 0 psi production casing, 620 psi intermediate casing, 50 psi surface casing. Establish injection rate into open hole, 1 bpm @ 1200 psi. Recieve approval from Kerry NMOCD to squeeze cement below packer. Mix and squeeze 25 sx class C 1.32 yield 14.8 ppg cement 4608'-4848'. WOC. Open well, still had pressure. Secure well for night.

**Rpt # 3, 2/17/2022**

Operations Summary  
JSA and safety meeting. Check pressures - 0 psi tubing and 5-1/2", 620 psi intermediate, 50 psi surface. N/D wellhead. N/U 7-1/16" 5K BOP & birdbath. R/U workfloor and tubing equipment. Pressure test BOP 250 psi for 5 minutes, 1500 psi for 10 minutes, held good. Attempt to release packer, not successful. Release from on/off tool and update NMOCD. Packer left at 4552'. Pressure test casing 1500 psi held good. Mix and spot 48 bbls salt gel MLF. Mix and spot 25 sx class C 1.32 yield 14.8 ppg cement w/ 2% cc @ 4552'-4312'. TOH all tubing - 138 jts, L/D on/off tool. WOC. TIH tag TOC @ 4290'. L/D 34 jts, EOT @ 3114'. Pressure test San Andreas plug 1500 psi for 15 minutes, held good. Spot 25 sx class C 1.32 yield 14.8 ppg cement @ 3114'-2874'. TOH standback 44 jts, L/D 50 jts. Secure location.

**Rpt # 4, 2/18/2022**

Operations Summary  
JSA and safety meeting. Check pressures - 0 psi tubing and 5-1/2", 500 psi 8-5/8", 30 psi surface casing. R/U wireline and make up 4 spf DP. RIH perf @ 2137'. Lay down tools and R/D wireline. Establish injection 0.5 bpm @ 1200 psi. CC 50 bbls 10 ppg brine. Pick up packer and TIH to 1447' and set packer. Injection/circulation was better w/ packer - 1.5 bpm @ 1200 psi. Mix and squeeze 80 sx class C 1.32 yield 14.8 ppg cement w/ 2% cc @ 2137'-1810'. WOC. Pressure test plug, 1500 psi for 15 minutes held good. Tag TOC @ 1801'. Intermediate still had a flow ~1bpm. Eventually slowed down by the time we perforated again but nevertheless, too much flow to pull casing. TOH all tubing. R/U wireline and make up 4 spf DP. RIH perf @ 1750'. Circulate 1 bpm @ 1300 psi. RIH w/ tubing, set packer @ 987'. Mix and squeeze 120 sx class C 1.32 yield 14.8 ppg @ 1750'-1250'. Shut in and squeeze away last 5 bbls on displacement. Secure well for night.

**Rpt # 5, 2/19/2022**

Operations Summary  
Arrive on location hold safety meeting JSA, tenet # 9. Check location and well Surface casing 0 PSI no gas, Intermediate casing 100 PSI from squeeze job no gas, Production casing 0 PSI no gas. Bubble test well intermediate casing failed bubble test. Pressure test cement job 1500 PSI for 15 Minutes good. Tag top of cement at 1233'. POOH with packer. lay down packer. Re head wire line and rig up. RIH wit 51/2" cutter cut above casing collar cut at 1178' POOH rig down wire line equipment. Pump 40 bbl brine to surface through intermediate casing. Crew Lunch. Rig out tubing equipment. Rig down working floor. Remove BOPE and install top flange. Dig out around well head down to the intermediate flange. Secure well EOT

**Rpt # 6, 2/21/2022**

Operations Summary  
JSA and safety meeting. Complete orientation for new contractors. Gas test all strings, no readings, no pressures. N/D wellhead - was a spacer spool. N/D another spool. Dig out wellhead to find that the casing is hanging from a larkin-type wellhead. Cut bolts, etc. Spear casing, pull up 100K, work casing. Flange would separate ~1". Secure well for night.

**Rpt # 7, 2/22/2022**

Operations Summary  
JSA and safety meeting. Wait on wireline - broke down on the way to location. R/U wireline and make up jet cutter. RIH cut casing at 1000'. L/D tools and R/D wireline. Pick up spear, work casing - not successful. Cut off all bolts from bottom that were still inside holes and push through. Spear casing and work pipe again - pull 100K with same amount of stretch as 2/21/22. Recieved approval from engineering to internal cut below wellhead to remove top flange. R/U floor and hand rails. Wait on power swivel - power swivel was not up to Chevron standards. Secure location for night.

**Rpt # 8, 2/23/2022**

Operations Summary  
JSA and safety meeting & warm equipment. Inspect and R/U power swivel. Pick up internal cutter. Cut 5-1/2" casing internally @ 10'. R/D power swivel. R/D floor. Pull out wellheah and 10' stub casing. R/U casing jacks and function test. Pull casing 141K, casing came free. R/D casing jacks. N/U spools, found that spool did not fit on lower flange, put on DSA. N/U spool stack. N/U 9" BOP. Pressure test BOP 250 psi 5 minutes, 1000 psi 5 minutes, held good. Spot laydown machine and pipe racks. Secure well for night.

**Rpt # 9, 2/24/2022**

Operations Summary  
JSA and safety meeting. R/U casing equipment, lay down machine, pipe racks, etc. L/D 33 jts 5-1/2" casing, stop work initiated to change out cables with pull tested and tagged cables. R/D casing equipment. R/U tubing equipment. Change out 5-1/2" rams to 2-3/8" rams. TIH EOT @ 1052', work pipe into 5-1/2" stub. Mix and spot 70 sx class C 1.32 yield 14.8 ppg cement w/ 2% cc @ 1177'- 900'. Cement was circulated down through cut @ 1177'. TOH EOT @ 988'. Attempt reverse circulation, circulated 3 bbls and returns came up from ground. TOH all tubing. Original plan was to tag early but let cement set due to lost circulation. Secure well for night.

**Rpt # 10, 2/25/2022**

Operations Summary  
JSA and safety meeting. Bubble test, pass on intermediate, pass on surface. Tag TOC @ 723'. Mix and spot 200 sx class C 1.32 yield 14.8 ppg cement @ 723'-0' with good returns to surface. TOH and lay down all tubing. R/D tubing equipment and move pipe racks and tubing off location. N/D 9" BOP and load on trailer. Break down spools on wellhead (3) and load on D&L trailer. R/D rig and ancillary equipment. R/D cement pump and hard lines. Secure location.

**Rpt # 11, 2/28/2022**

Operations Summary  
JSA and safety meeting. Load remaining equipment and complete journey management. Move out.

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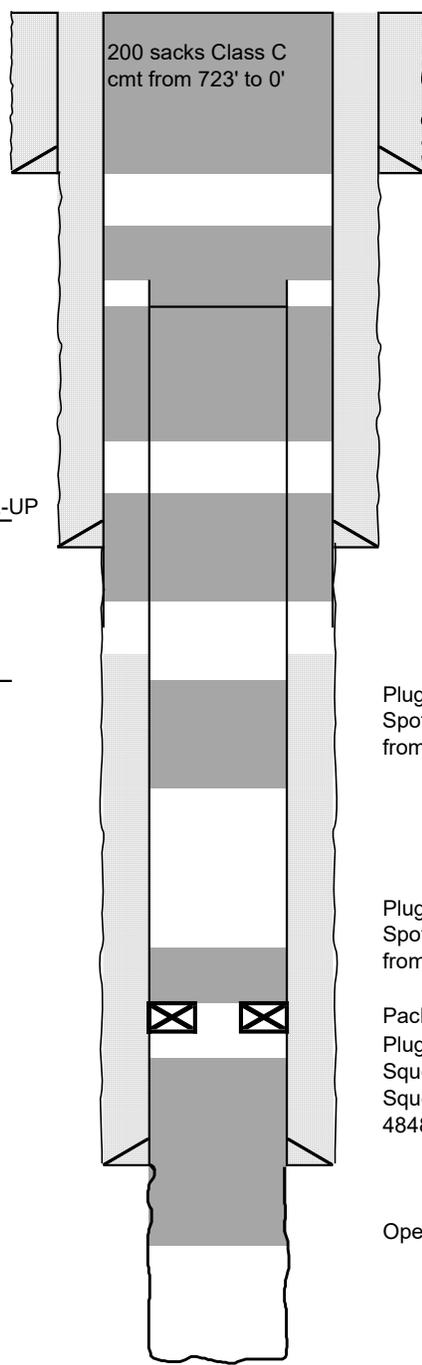
**As Plugged Wellbore Schematic**

Created: <u>04/24/19</u>	By: _____	Well #: <u>36</u>	St. Lse: _____
Updated: _____	By: _____	API: <u>30-025-03867</u>	
Lease: <u>West Lovington Unit</u>		Unit Ltr.: <u>O</u>	Section: <u>4</u>
Field: <u>West Lovington Unit</u>		TSHP/Rng: <u>17S-36E</u>	
Surf. Loc.: <u>660 FSL &amp; 1980 FEL</u>		Unit Ltr.: _____	Section: _____
Bot. Loc.: _____		TSHP/Rng: _____	
County: <u>Lea</u>	St.: <u>NM</u>	Directions: <u>Lovington, NM</u>	
Status: _____		Chevno: <u>FA5014</u>	

**Surface Casing**  
 Size: 13"  
 Wt., Grd.: 50#  
 Depth: 260'  
 Sxs Cmt: 200  
 Circulate: Yes  
 TOC: Surface  
 Hole Size: 17"

**Intermediate Casing**  
 Size: 8-5/8"  
 Wt., Grd.: 32#  
 Depth: 1960'  
 Sxs Cmt: 600  
 Circulate: No  
 TOC: SURFACE 100% FILL-UP  
 Hole Size: 11"

**Production Casing**  
 Size: 5-1/2"  
 Wt., Grd.: 14#, GH-40  
 Depth: 4658'  
 Sxs Cmt: 375  
 Circulate: No  
 TOC: 2758'  
 Hole Size: 7-7/8"



KB: \_\_\_\_\_  
 DF: \_\_\_\_\_  
 GL: 3,891  
 Ini. Spud: 07/20/44  
 Ini. Comp.: 10/08/44

Plug #6  
 Spot cement from 1177' to 900'  
 70 sacks Class C cement  
*Cut and pull 5-1/2" at 1000'*

Plug #5  
 Perforate at 1750'  
 120 sacks Class C cement  
 Cmt from 1750' to 1250'

Plug #4  
 Perforate at 2137'  
 Spot and squeeze 80 sacks  
 Class C cement from 2137' to 1801'

Plug #3  
 Spot 25 sacks Class C cement  
 from 3114' to 2874'

Plug #2  
 Spot 25 sacks Class C cement  
 from 4552' to 4290'

Packer at 4552'  
 Plug #1  
 Squeeze cement below packer  
 Squeeze 25 sacks Class C cement  
 4848' to 4608'

Open Hole: 4658' - 5152'

PBTD(est.): \_\_\_\_\_  
 TD: 5,152

**District I**  
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**District IV**  
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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**

COMMENTS

Action 86021

**COMMENTS**

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 86021
	Action Type: [C-103] Sub. Plugging (C-103P)

**COMMENTS**

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM	5/24/2022

**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(575) 393-6161 Fax:(575) 393-0720

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**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
 Action 86021

**CONDITIONS**

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 86021
	Action Type: [C-103] Sub. Plugging (C-103P)

**CONDITIONS**

Created By	Condition	Condition Date
kfortner	Need C103Q ad marker pics to release	5/23/2022