Ceited by Och 21/3/2023 2:50:20 P	State of New Mexic Energy, Minerals and Natural		Form $\stackrel{C-103}{\sim}$ Revised August 1, 2011
<u>District I</u> – (575) 393-6161 1625 N. French Dr., Hobbs, NM 88240	Energy, winterest and reaction	V	/ELL API NO.
<u>District II</u> – (575) 748-1283 811 S. First St., Artesia, NM 88210	OIL CONSERVATION D	DIVISION 3	0-025-23075
<u>District III</u> – (505) 334-6178 1000 Rio Brazos Rd., Aztec, NM 87410	1220 South St. Franci	3.	Indicate Type of Lease
<u>District IV</u> – (505) 476-3460	Santa Fe, NM 8750	05	STATE X FEE
1220 S. St. Francis Dr., Santa Fe, NM 87505		6.	State Oil & Gas Lease No.
(DO NOT USE THIS FORM FOR PROPOSA DIFFERENT RESERVOIR. USE "APPLICA PROPOSALS.)	TION FOR PERMIT" (FORM C-101) FOR S	BACK TO A SUCH	Lease Name or Unit Agreement Name Chem State Well Number 004
 Type of Well: Oil Well X Ga Name of Operator 	as Well Other		OGRID Number
Cambrian Management, LTD			98688
3. Address of Operator P.O. Box 272, Midland, TX 79702		1	0. Pool name or Wildcat ulk; Wolfcamp
4. Well Location		<u>'</u>	
Unit LetterI:1	1980feet from theSouth	line and660	feet from theFELline
Section 4	Township 15S Ran		NMPM Lea County
	11. Elevation (Show whether DR, RI	KB, RT, GR, etc.)	
		COMMENCE DRILLI CASING/CEMENT JO	
DOWNHOLE COMMINGLE			ль _—
OTHER:		OTHER:	
OTHER: 13. Describe proposed or complet of starting any proposed work	ted operations. (Clearly state all perts). SEE RULE 19.15.7.14 NMAC.	OTHER: tinent details, and gi	ve pertinent dates, including estimated date
OTHER: 13. Describe proposed or complete	ted operations. (Clearly state all perts). SEE RULE 19.15.7.14 NMAC. Impletion.	OTHER: tinent details, and gi For Multiple Compl	ve pertinent dates, including estimated date etions: Attach wellbore diagram of
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OTHER: 13. Describe proposed or complete of starting any proposed work proposed completion or record 4" diameter 4' tall Above 6 hereby certify that the information above 19 hereby 19 h	ted operations. (Clearly state all perts). SEE RULE 19.15.7.14 NMAC. Impletion. SEE ATTAC Ground Marker bove is true and complete to the best	OTHER: tinent details, and gi For Multiple Compl RUN CBL if not CHED SE OF	ve pertinent dates, including estimated date etions: Attach wellbore diagram of ne on file E ATTACHED CONDITIONS APPROVAL
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Proposed Plugging Procedures Chem State #4 API 30-025-23075

- 1. POOH with production equipment. Inspect tubing for usability.
- 2. Spot 25 sx Class H cement at 9742'. WOC and tag. Cannot set CIBP due to 4" packer liner from 4755' to 5478'. WOC and tag.
- 3. Circulated MLF and test casing.

RUN CBL if none on file

- 4. Spot 25 sx Class H cement across Abo at 7530'
- 5. Perforate at 5488'. Squeeze with 200 sx Class C cement. WOC and tag above 4705'
- 6. Perforate at 4162 and squeeze with 50 sx cement. Covers intermediate shoe and top San Andres. WOC and Tag.
- 7. Perforate at 2347' and squeeze with 40 sx cement. WOC and tag. Base Salt
- 8. Perforate at 1547' and squeeze with 40 sx cement. WOC and tag. Top Salt
- 9. Perforate at 465' and circulate cement to surface in/out 5 ½" casing with approx. 115 sx cement.
- 10. Remove wellhead and ensure cement to surface in all strings of casing. Install marker and remove anchors.

4" diameter 4' tall Above Ground Marker

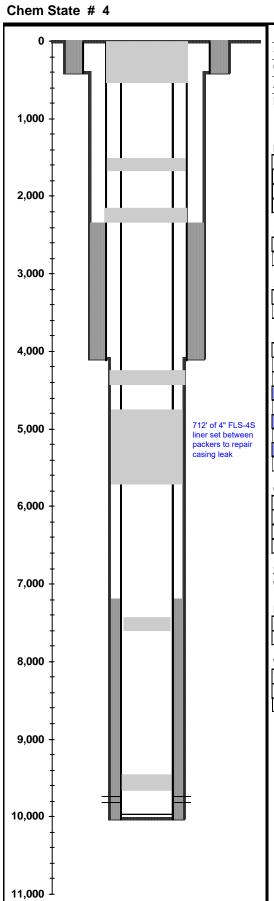
Wellbore Schematic (From Surface to TD)

Printed:

8/6/2013

: 716004

API # 3002523075



	GL Elev:	
Sec,Blk,Sur(Lbr,Lge,Sur)or(Sec,Twn,Rng): , ,	Fill Depth:	9,960
County, State: Lea, NM	PBTD:	9,975.00
Aux ID:	TD:	10,018.00
KB = 15; DF = ; All Depths Corr To: KB	-	1500/900 series flanges

Hole Size

Diameter	Top At	Btm At	Date Drilled
17.5000	0.00	400.00	
12.2500	400.00	4,097.00	
7.8750	4,097.00	10,018.00	

Surface Casing						Date Ran:	2/12/1993
Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing		13.3750	48.00	H40	400.00	15.00	415.00

Intermediate Cas					Date Ran:	2/12/1993	
Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing		8.6250	32.00	J55	4,097.00	15.00	4,112.00

Production Casin		Date Ran:	2/12/1993							
Description	#	Diameter	Weight	Grade	Length	Top At	Btm At			
Casing		5.5000	17.00	J55	4,755.00	15.00	4,770.00			
Packer	1	4.6410			5.00	4,770.00	4,775.00			
BJ Liner Packer w	∕ith top	@ <i>4755</i> ′								
Liner	22	4.0000	10.46	J55	712.00	4,775.00	5,487.00			
Top of liner @ 470	69' witi	h bottom @ :	5472'							
Packer	1	4.6410			6.00	5,487.00	5,493.00			
BJ Liner Packer w	BJ Liner Packer with bottom @ 5478'									
Casing		5.5000	17.00	J55	4,536.00	5,493.00	10,029.00			

Cement

# Sx	Class	Weight	I D	O D	Top At	Btm At	TOC Per
400			13.375	17.500	0.00	400.00	Circ
425			8.625	12.250	2,350.00	4,097.00	TS
400			5.500	7.875	7,200.00	10,018.00	TS

Zone and Perfs Wolfcamp

Perforations

Тор	Bottom	Formation	Status	Opened	Closed	# / Ft	Ttl#
9,742.00	9,820.00						

Wellbore Plugs and Junk

Тор	Bottom	Туре	Diameter	Solid	Date
9,975.00	9,977.00	Pkr	5.500	Yes	
Model D drillab	ole packer				

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)-263-6633 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.

- 1. 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
 - 1) Glorieta
 - J) Yates.
 - K) Cherry Canyon Eddy County
 - L) 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.

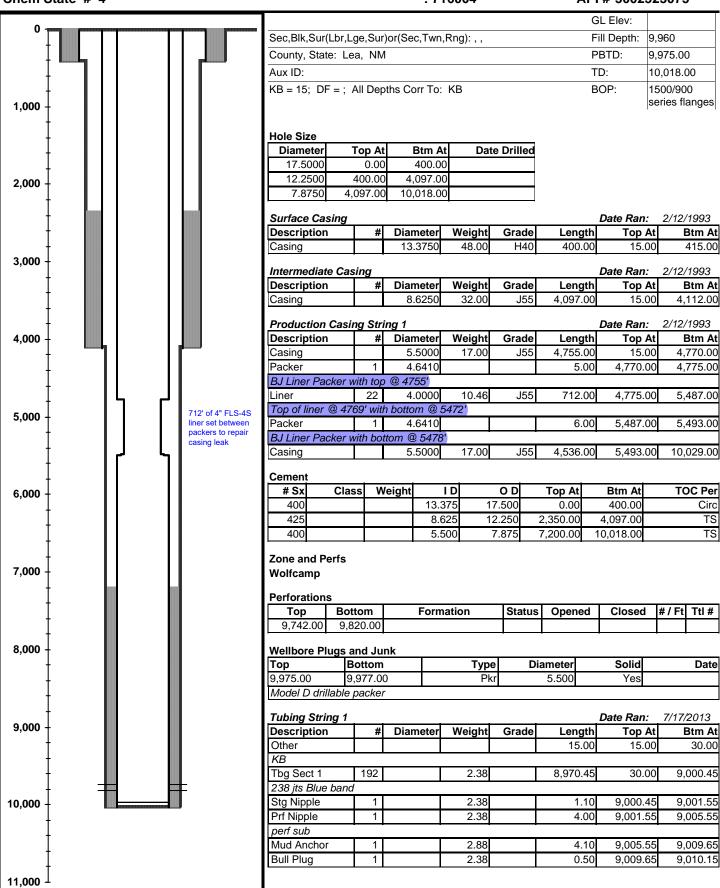
T 25S - R 31E

Sec 1 Unit C,D,E,F. Sec 2 Unit A – H.

Wellbore Schematic (From Surface to TD)

Printed: 8/6/2013

Chem State # 4 : 716004 API # 3002523075



Wellbore Schematic (From Surface to TD)

Printed:

8/6/2013

Chem State # 4 : 716004 API # 3002523075

Rod String 1						Date Ran:	7/17/2013
Description	#	Diameter	Rod Box	Grade	Length	Top At	Btm At
Pol Rd Lnr	1	1.5000			16.00	-16.00	0.00
Pol Rd	1	1.2500			26.00	0.00	26.00
Other	1	0.8750			10.00	26.00	36.00
Rod sub							
Rod Sect 2	98	0.8750			2,450.00	36.00	2,486.00
Rod Sect 3	126	0.7500			3,150.00	2,486.00	5,636.00
Rod Sect 4	162	0.6250			4,050.00	5,636.00	9,686.00
Rod Sect 1	6	1.5000			150.00	9,686.00	9,836.00
Pump	1	1.0625			20.00	9,836.00	9,856.00
2"x1 1/16" x 16' x	2"x1 1/16" x 16' x 20 RHBC						
Gas Anchor	1	1.0000			12.00	9,856.00	9,868.00

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**

COMMENTS

Action 282569

COMMENTS

Operator:	OGRID:		
CAMBRIAN MANAGEMENT LTD	198688		
310 W Wall Street Ste 300	Action Number:		
Midland, TX 79701	282569		
	Action Type:		
	[C-103] NOI Plug & Abandon (C-103F)		

COMMENTS

Created By	Comment	Comment Date
plmartine	DATA ENTRY PM.	11/9/2023

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

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Action 282569

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Operator:	OGRID:
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Midland, TX 79701	282569
	Action Type:
	[C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kfortner	See attached COA	11/8/2023