Submit 3 Copies To Appropriate District Office	State of New Mexico		Form C-103				
District I 1625 N. French Dr., Hobbs, NM 88240	Energy, Minerals and Natural Resources			Revised March 25, 1999 WELL API NO.			
District II 1301 W. Grand Ave., Artesia, NM 88210	OIL CONSERV	VATION	DIVISION	30-025-00335	of Logge		
District III	1220 Soutl	h St. Frai	ncis Dr.	5. Indicate Type of STATE			
1000 Rio Brazos Rd., Aztec, NM 87410 District IV	Santa F	e, NM 8	7505	6. State Oil & O			
1220 S. St. Francis Dr., Santa Fe, NM 87505	<u> </u>						
SUNDRY NOTION	CES AND REPORTS O			7. Lease Name or	· Unit Agreement Name:		
(DO NOT USE THIS FORM FOR PROPOS DIFFERENT RESERVOIR. USE "APPLIC	Chem D State						
PROPOSALS.) 1. Type of Well:							
Oil Well Gas Well	Other XX SWD						
2. Name of Operator				8. Well No.			
Cambrian Management, LTD 3. Address of Operator				9. Pool name or V	Wildcat		
P.O. Box 272, Midland, TX 79702				SWD PENN			
4. Well Location							
11.21.0	1000 Cost Cost do	C41-	1:	C	1:		
Unit LetterL_::	1980teet from the	_Soutn	line and _oou i	eet from thewest	iline		
Section 2	Township	15S	Range 32E	NMPM	County Lea		
	10. Elevation (Show)		R, RKB, RT, GR, etc	c.)			
11 (1 1 4	4290' GR 4304' RKB		T_4 CNT_4	D O41	Dete		
NOTICE OF IN	ppropriate Box to Ir	idicate N		SEQUENT RE			
PERFORM REMEDIAL WORK	PLUG AND ABANDON	1 🗆	REMEDIAL WOR		ALTERING CASING		
TEMPORARILY ABANDON	CHANGE PLANS		COMMENCE DR	ILLING OPNS.	PLUG AND XXXX 🛛 ABANDONMENT		
PULL OR ALTER CASING	MULTIPLE		CASING TEST A	ND 🗆			
	COMPLETION						
OTHER:				Plugging of the			
12. Describe proposed or completed	l operations. (Clearly sta	ate all pert	Liability under	bond is retained	until		
starting any proposed work). SE	E RULE 1103. For Mu	Itiple Com	Surface restoration	tion is completed	l.		
recompilation.							
11/19/02 Confirm Revised plugging	procedure w/ Chris Will	iams					
11/21/02 Plug #1 100 sx Cl H w/ 1% CaCl	8830' - 8204'	Tagged n	lug; Circulate Hole	w/ 10 PPG mud			
Plug #2 50 sx Cl H	6721' - 6248'	ragged p	iug, Circulate fiole	w/ forro muu	and the same of th		
Plug #3 50 sx Cl H 6721 - 0246 Plug #3 50 sx Cl H 4221' - 3814' Perf 4 SPF @ 4150'; Sqz 3 bbls cmt ¾ BPM @ 750 psi;							
11/22/02 TAG PLUG @ 3814'	1570) 10(5)			/			
Plug #4 50 sx Cl C Plug #5 75 sx Cl C	1570' – 1065' 430' – surface	Perf 4 SP	F @ 430': Soz 25 s	x 1.5 BPM @ 600/p	الأوري الأوري		
Cut off wellhead, weld on P&A mark			· .	х 1.5 В 111 (ш. 000, р			
Computalog did perforating and Flee							
Attached: Revised Plug and abandor	warkshoot: Current We	llhora Cka	utah: Wall ranarta fa	D θr Λ	ا الرابعة المستقدمة ا		
Attached. Revised Flug and abandon	worksneet, Current we	HUUIC SKC	acii, wen reports ic	I F&A			
I hereby certify that the information	bove is true and comple	te to the b	est of my knowledg	e and belief.			
SIGNATURE Joe & C	lacularly	TITLE	Operations Superint	tendent Da	ATE_1/27/03		
	. ()	- <u></u>		_	_		
Type or print name Joe E. Crawfor	<u>d , , , , , , , , , , , , , , , , , , ,</u>			Telephone	No. 915-620-9181		
(This space for State-use)	Wande						
APPPROVED BY GARY WIND REP	IK WETAEL	EASHATA T	ER		DATE		
Conditions of approval different REP	RESENTATIVE IVSIA				FFR 0 4 2003		

A Si

(4 STRING CSNG) 👱 PLUGGING & ABANDONMENT WORKSHEET Moragemen OPERATOR Cambrion LEASENAME 5+6 40 Cham WELL # SECT 755 TWN 32 E RNG 1780 NISL FROM 660 EMIL FORMATION @ TD Wolfrand TD: 10,400 . Δ FORMATION @ PBTD WOLF CAMP PBTD: 431-0 SIZE SET @ TOC TOC DETERMINED BY SURFACE 13% 381 Suri Circ. 0 Va INTMED 1 41421 Circ TOC Surt INTMED 2 Plug # 4 5/2 95801 Suit Circ. PROD A.A. 2500 1550 SIZE TOP BOT TOC DETERMINED BY LINER 1 5355 10.350 93551 (W. Plug #3 LINER 2 4200 CUT & PULL @ 85/0 TOP -BOTTOM INTMED 1 6970 - 10,350 PERFS @4142 INTMED 2 OFFERHOLE TOCSUグ Plug PROD 4,244 * REQUIRED PLUGS DISTRICT I رحك 6700 PLUG AUSTLEX (ANHYD) TYPE 8ACKS DEPTH Plug #1 8865' YATES PLUO CMINT QUEEN EXAMPLES CRAYBURG nuo 🕫 OH25 SXI 9850 rwo # 2 SHOE50 535 8700'-8800 SAN ANDRES CIBP/35' PLUDID 5300 CIEP CAPITAN REEP 20043 25 SXS 5300 TOC Surt 4600-4700 nuo e a STUB 50555 RETNR SOZ 200 SCS PLUDAT 400 DELAWARE SURF 10 525 010 BELL CARYON rwon REDUST Dus 100 3865-7961 CHEZRITY CANTON 6700-6248 50 BRURRY CARYON 10011 Cosics 4200'-374 5010E 875L710 110041 54.0 50 2500-2048-1550-145 asing 50 431'-0' Shoe HUOSS OLORESTA rwo11 OLD-WESLY n.LX0 # 7 rwo n CEASOCOO nuo : : ADO @10,390 PLUD 6 19 ruo e HUO s PENON HUDE አንድሌክፒኒ ATOKA rwai MORROW TD 10:400 VC33 HADSOVOG

. 1.02 -

11/20/2002, Wednesday

OCD of revised plugging date;

Day #

8 Finish RIH to 8830'; Dig & line pit; Dig out cellar; SISDFN note: Cementer cancelled due to availability; Notified

Daily Cost

\$3,000

Cum Cost:

\$48,000

11/21/2002, Thursday

Day #

Pump 20 bbls FW & establish returns; Mix 100 sx cl H w/ 1% CaCl; Displace w/ 40 bbls; POOH w/ 20 stands; Reverse out; WOC; Tag cement @ 8204; PLUG 1 8830' - 8204' - 636'; Circ 100 bbls 10 ppg mud; Spot 50 sx cl H @ 6721' - 6248'; POOH w/ TBG; Stand back 4200' & LD remainder of 2 7/8" & all 2 3/8"

RU computalog & perf w/ 4" gun 4 SPF @ 4150'

RIH w/ 2 7/8" TBG & spot plug bottom @ 4221'; Circ well w/ 10# mud; Mix 50 sx cl H; Displace w/ mud; POOH w/ 15 stands; Reverse out; Close rams and squeeze out 3 bbls cmt @ rate of 3/4 BPM @ 750 psi;

Daily Cost

\$9,000

Cum Cost:

\$57,000

11/22/2002, Friday

Day # 10

Tag top of cmt @ 3814'; Plug 3 - 4221 - 3814';

Spot 50 sx CI C 1570' - 1065'

POOH w/ TBG

RU Computalog & perforate w/ 4" gun 4 SPF @ 430'

Mix & pump 75 sx cmt; Squeeze out 25 sx; Plug 5 430' - surface

RDMO Key #9;

Weld on cap & install plugging marker; Cut off tie down anchors

Will close pit by end of the month (Key)

Daily Cost

\$10,100

Cum Cost:

\$67,100

Wellbore Schematic

Chem State D # 0001 Wellbore ID #: 71601D Printed: 1/28/2003 1980 FSL & 660 FWL GL Elev: 4.289.00 Sec,Blk,Sur(Lbr,Lge,Sur)or(Sec,Twn,Rng): 2, T - 15S, R - 32E Fill Depth: 10.030 County, State: , NM PBTD: 10,390.00 Aux ID (API, etc.): TD: 10,395.00 KB = 13; DF = ; All Depths Corr To: KB BOP: 1,000 **Hole Size** Diameter Btm At Date Drilled Top At 17.5000 0.00 381.00 9/27/1951 12.2500 0.00 4,142.00 11/5/1951 2.000 7.8750 0.00 9,580.00 12/15/2001 4.7500 9,355.00 10,390.00 12/20/2001 Conductor Casing Date Ran: Description Diameter Weight Grade Length Top At **Btm At** Casing 20.0000 40.00 13.00 53.00 3,000 Surface Casing Date Ran: Description Diameter Weight Grade Length Top At Btm At Casing 13.3750 368.00 13.00 381.00 Intermediate Casing Date Ran: 4,000 Description Diameter Weight Grade Length Top At **Btm At** Casing 8.6250 4,129.00 13.00 4,142.00 **Production Casing String 1** Date Ran: Grade Description Diameter Weight Length Top At Btm At Casing 5.5000 9,567.00 13.00 9,580.00 5,000 Production Casing String 2 Date Ran: Description Diameter Weight Grade Length Top At **Btm At** Casing 4.0000 1,035.00 9,368.00 10,403.00 Cement 6,000 Class #Sx Weight I D 0 D TOC Per Top At **Btm At** 13.375 17.500 0.00 381.00 Circ 8.625 12.250 0.00 4,142.00 Circ 5.500 7.880 0.00 9,580.00 Circ 4.000 4.750 9.355.00 10,390.00 CBL 7,000 **Perforations** Тор Bottom Status #/Ft Opened Closed Ttl# Open Hole? 429.00 430.00 11/22/2002 11/22/2002 Squeeze holes for P&A 4,149.00 4,150.00 11/21/2002 11/21/2002 4 8,000 Squeeze holes for P&A 8,970.00 9,044.00 11/22/2002 9,898.00 10,350.00 11/22/2002 Wellbore Plugs and Junk Тор Folid Bottom Diameter Type Date 9.000 0.00 430.00 %es Cm 5.500 11/22/2002 Squeezed out 25 sx 1,045.00 1.570.00 Cmt 5.500 Yes 11/22/2002 3,814.00 Yes 4,221.00 Cmt 5.500 11/21/2002 Tagged Plug; Squeezed 3 bbls 10,000 6,248.00 6,721.00 Cmt 5.500 Yes 11/21/2002 8,204.00 8,830.00 Cmt 5.500 Yes 11/21/2002 Tagged plug;

10,030.00

11,000

360' 1" tubing

10,390.00

Tbg

1.000

Yes

Submit 3 Copies To Appropriate District Office	State of New Me			Form C-103			
District 1	Energy, Minerals and Natu	iral Resources	Revised March 25, 1999 WELL API NO.				
1625 N. French Dr., Hobbs, NM 88240 District II	OIL CONSERVATION	DIVICION	30-025-00335				
1301 W. Grand Ave., Artesia, NM 88210 District III	1220 South St. Fran		5. Indicate Type				
1000 Rio Brazos Rd., Aztec, NM 87410	Santa Fe, NM 87		STATE				
<u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM	Sama PC, INIVI 6	7303	6. State Oil & K-6019	Gas Lease No.			
87505							
	ES AND REPORTS ON WELLS		7. Lease Name	or Unit Agreement Name:			
(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			Chem D State				
PROPOSALS.) 1. Type of Well:							
Oil Well Gas Well Oth	er XX SWD						
2. Name of Operator			8. Well No.	1			
Cambrian Management, LTD 3. Address of Operator			9. Pool name or Wildcat				
P.O. Box 272, Midland, TX 79702			SWD PENN				
4. Well Location							
Unit Latter 1	1000 foor from the Court line	and 660 from	Cara da Ward	t'a .			
Unit Letter_L:_	_1980_feet from the _South_ line	e and boufeet	from the west	line			
Section 2	Township 15S	Range 32E	NMPM	County Lea			
	10. Elevation (Show whether Di	R, RKB, RT, GR, et	(c.)				
	4290' GR 4304' RKB	latura of Nation	Domant on Othe	Dota			
NOTICE OF INT	opropriate Box to Indicate N		SEQUENT RE				
	PLUG AND ABANDON	REMEDIAL WOR		ALTERING CASING			
	_			-			
TEMPORARILY ABANDON XX	CHANGE PLANS	COMMENCE DR	RILLING OPNS.	PLUG AND ABANDONMENT			
PULL OR ALTER CASING	MULTIPLE:	CASING TEST A	ND 🗆	ABANDONWIEN			
	COMPLETION	CEMENT JOB					
OTHER:		OTHER:					
12. Describe proposed or completed	operations. (Clearly state all pert	inent details, and g	ive pertinent dates,	including estimated date of			
starting any proposed work). SEI							
recompilation.							
Temporarily abandon wellbore by spo	tting 100 sx cmt plug from 8865'	- 7961' and 50 sx	cmt plug from 6700)' - 6248' as outlined in			
Temporarily abandon wellbore by spotting 100 sx cmt plug from 8865' - 7961' and 50 sx cmt plug from 6700' - 6248' as outlined in previous application to plug and abandon dated 11/26/01. These plugs would be spotted after cutting tubing off @ 8865'; Packer can not							
be pulled because of partially collapsed casing @ 6665'. We would like to leave the wellbore accessible above 6248' for possible shallower disposal application in the foreseeable future.							
Please see attached procedure and wel		e snallower disposa	il application in the	foreseeable future.			
WORK WILL BE COMPLETED BY END OF NOV. 2002							
MOKK WILL E	JU COMPCCIO	5/5/6					
				743			
I hereby certify that the information at	ove is true and complete to the be	est of my knowledg	ge and belief.	S. Carlotte and the second			
SIGNATURE LANGE CARALLE	ufound TITLE O	nero time S	u nec'h tenden	CONRECTOR PRACTICAL			
		PC101.3.3	4				
Type or print name Joe E.	Crawford		Telep	hone No. 315 670-9181			
(This space for State use)	ORIGINAL SIGNED BY						
APPPROVED BY	ORIGINAL SIGNED BY GARY W. WINKTITHEATIV OC FIELD REPRESENTATIV	E WATAFF MAN	AGER	DATE OCT 3 0 2002			
Conditions of approval, if any:	OC FIELD REPRESENTATIV	C 11/31/01		_DVID_AAL O O TOOT			



P.O.Box 272 Midland, Texas 79702 Ofc: 915-620-9181 Fax: 915-570-0102

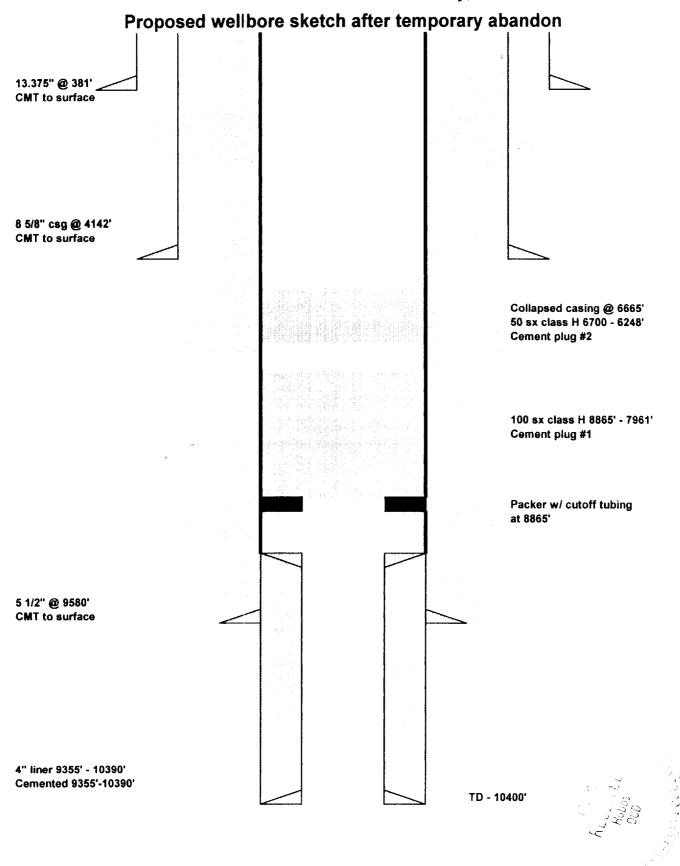
Chem State #1D SWD Temporary Abandonment Procedure

Attachment to Form C-103

- 1. Test anchors, Call NMOCD
- 2. MIRU workover rig, hold safety meeting, discuss job procedure
- 3. ND wellhead, NU BOP
- 4. RU wireline Co., broach tubing, cut off tubing above packer @ 8865'
- 5. POH & LD injection tubing
- 6. RIH w/ work string to 8865'; Establish circulation w/ 9.5 ppg brine water
- 7. RU cement co. and spot 100 sx class H plug from 8865' 7961'; Tag plug and repeat until top of cement is at or above 7961';
- 8. Pull up hole and spot 50 sx class H from 6700' 6248'; POOH & LD work string
- 9. ND BOPS; NU wellhead
- 10. Allow cement to set overnight
- 11. Pressure test casing 500 psi for 30 minutes pretest and record on pressure chart
- 12. RDMO workover rig; Dispose of all fluids and close pits; Haul tubulars
- 13. Schedule mechanical integrity pressure test for NMOCD witness.

Work will be completed by 1/19/03

Chem State #1D SWD Lea County, NM





P.O.Box 272 Midland, Texas 79702 Ofc: 915-620-9181 Fax: 915-570-0102

New Mexico - OCD 1625 North French Drive Hobbs, NM 88241 Attention: Mr. Chris Williams

October 28, 2002

Re: Chem State #1D SWD Form C-103 Temporary abandon

Mr. Williams,

Please review the application to temporarily abandon our Chem State #1D SWD in Lea County, New Mexico. The application incorporates procedures that will enable us to plug and abandon this well, if no need for future water disposal exists. Work will be scheduled to commence upon approval of this application, and will be completed by January, 19, 2003.

We appreciate your consideration in this matter. Please feel free to contact me at (915)620-9181 if there are any questions.

Respectfully.

Joe E. Crawford

Operations Superintendent

Cambrian Management, Ltd

Submi. 3 Copies To Appropriate District	State of No	ew Mexico	~	Form C-103
District I 1625 N. French Dr., Hobbs, NM 88240	Energy, Minerals an	d Natural Resource	es Rower Row	evised March 25, 1999
District II	OIL CONSERVA	TION DIVISION	N 30-025-00335	
1301 W. Grand Ave., Artesia, NM 88210 District III		t. Francis Dr.	5. Indicate Type of Le	
1000 Rio Brazos Rd., Aztec, NM 87410			STATE 🛣	FEE
<u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM	Santa Fe,	NM 87505	6. State Oil & Gas L	ease No.
87505			K-6019	
(DO NOT USE THIS FORM FOR PROPODIFFERENT RESERVOIR. USE "APPLIPROPOSALS.) 1. Type of Well: Oil Well Gas Well Camb. 2. Name of Operator Camb. 3. Address of Operator 4. Well Location Unit Letter L Section 2	Other SWD nian Management, BOX 272, MIDIAND /980 feet from the Township / 5 10. Elevation (Show whee) 4290 GR. 4304	NOR PLUG BACK TO A C-101) FOR SUCH Ltd SOUTH line an S Range 32 E ther DR, RKB, RT, C RKB	7. Lease Name or Uni CHEM D STATE 8. Well No. 9. Pool name or Wildo SWD PENN ad 660 feet from the NMPM Co GR, etc.)	eat : <u>WES7</u> line unty / EA
11. Check	Appropriate Box to Indi	cate Nature of No	otice, Report or Other Data	3
NOTICE OF IN			SUBSEQUENT REPOR	
PERFORM REMEDIAL WORK	PLUG AND ABANDON		-	ERING CASING
TEMPORARILY ABANDON	CHANGE PLANS [COMMENC		G AND
PULL OR ALTER CASING		CASING TE	EST AND	NDONMENT
OTUED.	COMPLETION	CEMENT J	OB	_
OTHER: 12. Describe proposed or complete		OTHER:		
starting any proposed work). Si recompilation. See attac	EE RULE 1103. For Multip ched THE COMM HOURS PRI	ISSION MUST BE NOR TO THE BEGIN	ach wellbore diagram of propos	sed completion or
I hereby certify that the information	above is true and complete t	o the best of my know		
SIGNATURE CHARLES	III fee Tr	TLE <u>Partner</u>	DA'	TE 11/26/01
Type or print name Alan D.	Means		Telenhone N	No. 915-620 <u>-918</u> 1
(This space for State use)	A Sa Mark Comment		1 ordproduct	11 1-020-7101
APPPROVED BY	דוד	LE CONTRACT		TF 4 Acres 3
Conditions of approval, if any:			JAN	



P.O.Box 272 Midland, Texas 79702 Ofc: 915-620-9181 Fax: 915-682-5524

Chem State #1D SWD Plug and Abandonment Procedure

Attachment to Form C-103

- 1. Test anchors, Call NMOCD.
- 2. MIRU pulling unit, hold safety meeting, discuss job procedure.
- 3. ND wellhead, NU BOP.
- 4. RU wireline company, broach tubing, cut-off tubing above packer at 8860'+/-.
- 5. POOH w/ tubing, LD.
- 6. PU work string, RIH to 8860'+/-, circulate hole w/ 9.5 #/gal brine water.
- 7. RU cement company, spot plug #1, 100 sacks, class "H" cement from 8865' to 7961'. TAG
- 8. PUH, spot plug #2, 50 sacks from 6700' to 6248', records indicate partial collapse of casing at 6665'.

 SCHEMBTIC SHOWS SHOE @ 4142'
- 9. PUH, spot plug #3, at 8 5/8" shoe, 50 sacks from 4200' to 4748'.
- 10. PUH, spot plug #4, 50 sacks from 2500' to 2048'.
- 11. PUH, spot plug #5, 50 sacks at 13 3/8" casing shoe from 431' to surface. —
- 12. Cut-off wellhead and weld on plate and P & A marker.

Plug and abandonment to commence as soon as AFE approval is obtained, estimated 2/01/02 at the latest.

PLUGGING & ABANDONMENT WORKSHEET (4 STRING CSNG) / OPERATOR Cambrion Marguemen LEASENAME Cham 2+0 +6 WELL 32 E RNG SECT 755 TWN 5 oc 2 AAA FROM 1780 NISL 660 EM) 10,400 FORMATION @ TD Wolfrand TD: Plus FORMATION @ PBTD Wolf Camp PBTD: 10, 390 431-0 Δ. JAT SIZE SET @ | TOC TOC DETERMINED BY AID 137/2 SURFACE 381' Sur7Circ. 9 Va 41421 INTMED 1 TOC Sur INTMED 2 Plug # 4 5/2 Sust PROD 9580' Sirc. AAA 2500' SIZE TOP BOT TOC DETERMINED BY LINER 1 9355 10.350 193551 Circ. Plug # 3 LINER 2 4200 CUT & PULL @ 85/0)" TOP -BOTTOM INTMED 1 6970 - 10,350 @4142 INTMED 2 OPERHOLE Plug TOCSUM PROD 4-24-4 * REQUIRED PLUGS DISTRICT I 6700 NUTTLER (ANTITO) PLUO TYPE SACKS DEPTH Plug #1 8865 YATES PLUO CMNT QUEEN EXAMPLES DRAYBURG ruo 1 OH 25 SXS 9850 SAN AMORES PLUO # 2 SHOE 50 505 8700'-8800 PLUOIS CIBP/35' 5300 Cartian Reep CIBP PLUDAS 25 555 5300 TOC Sur 200014 STUB 50.555 4600-4700 RETNR SQZ DELAWARE PLU0 87 200 555 400 BELL CANYON 10071 <u>SUR</u>F 1082 0-10 CHERRY CARYON PLUUS SI Dust 8865-7961 100 50 6700-624 BRUKET CANTON 7LU0 6 2 Cosins BONE ETALINO 700063 5400 4200'-374 50 2500-204 FLUXI F 4 *asing* 50 Shoe 431'-0' MUDES 50 OLORIETA OLD-EBRY nuass TLU0 # 7 CHANGE rwest. 1404 ABO @10,396 PLUG 8 19 ₩C PLUO 6 PENN PLUD 6 TRANK HUKE ATOKA ruo e MORROW TD 10:400 423 HADHOVSO

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