# ORIGINAL

Form ACO-1
October 2008
Form must be Typed

#### WELL COMPLETION FORM

#### **WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # 4549	API NO. 🕊15-129-21900-00-00
Name: ANADARKO PETROLEUM CORPORATION	Spot Description:
Address 1:P.OBOX _1330	<u>NW - NW - SE - SE</u> Sec. <u>12</u> Twp. <u>33</u> S. R. <u>40</u> East X West
Address 2:	1250 Feet from North / X South Line of Section
City <u>HOUSTON</u> State <u>TX</u> Zip: <u>77251</u> + <u>1330</u>	1250 Feet from X East / West Line of Section
Contact Person: MELANIE: WIGGINS	Footages Calculated from Nearest Outside Section Corner:
Phone ( 832) 636-1053	□ NE □ NW □SE □ SW
CONTRACTOR: License #33784	CountyMorton
Name:Trinidad Drilling I.P	Lease Name McCammon B Well # 2H
Wellsite Geologist:	Field Name Hugoton
Purchaser: Anadarko Energy Services Company	Producing Formation Chase
Designate Type of Completion	Elevation: Ground _3256 Kelley Bushing
X New Well Re-Entry Workover	Total Depth Plug Back Total Depth
Oil SWD SIOW	Amount of Surface Pipe Set and Cemented at
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? Yes X No
CM (Coal Bed Methane) Temp. Abd.	If yes, show depth setFeet
Dry Other(Core, WSW, Expl., Cathodic, etc.)	If Alternate II completion, cement circulated from
If Workover/Reentry: Old Well Info as follows:	feet depth tow/sx cmt.
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date Original Total Depth	Chloride content 2800 ppm Fluid volume 75 bbls
Deepening Re-perf Conv.to Enhr Conv.to SWE	
Plug Back Total Depth	Location of fluid disposal if hauled offsite: SEP 2 8 2010
Commingled Docket No	
Dual Completion Docket No	Operator Name ANADARKO PETROLEUM CORPORATION KCC WICHITA
Other (SWD or Enhr?) Docket No.	Lease Name KEEFER A 1 License No. 4549
5-26-2010         5-28-2010         6-12-2010           Spud Date or         Date Reached TD         Completion Date or	Quarter SW Sec. 13 Twp. 32 S R. 38 East X West
Recompletion Date  Recompletion Date	County STEVENS Docket No. D17157
on side two of this form will be held confidential for a period of the confidentiality in excess of 12 months). One copy of all wireline logs was MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit	
All requirements of the statutes, rules and regulations promulgated to regular are complete and correct to the best of my knowledge.	ate the of and the industry have been fully complied with and the statements herein
Signature	Les Controlles Control
Title REGULATORY ANALYST Date 09	9/28/20 (ころ KCC Office Use ONLY
Subscribed and sworn to before me this day of 370	Letter of Confidentiality Attached
20 10 0	If Denied, Yes Date: Wireline Log Received
Notary Public Seula Seula	Wireline Log Received  ———— Geologist Report Received
Date Commission Expires 12 18 - 2010	UIC Distribution

Operator Name ANAI	DARKO PETROLE	UM CORPORA	TION		Lease Nar	me McCammo	n B	Well	# 2H			
Sec. <u>12</u> Twp. <u>3</u>	3 S.R. 40	East	X Wes	t	County _	Morton						
INSTRUCTIONS: Show time tool open and close recovery, and flow rates Logs surveyed. Attach fil	if gas to surface	during test, alo	s whether	SDIII-ID	MEACCHEA FA	achod static law				erature, flui tric Wirelin		
Drill Stem Tests Taken (Attach Additional S		Yes	X No		X Log		Formation (To	p), Depth and	Datums	Sample		
Samples Sent to Geolo	X Yes	□ No		Name		Тор	C	Datum				
Cores Taken		Yes	X No	İ								
Electric Log Run (Submit Copy)		X Yes	□ No		Base Ceda		1361					
List All E.Logs Run:				ĺ	Base Ston	e Corrai	164	. –				
CEMENT BOND LOG / GAMMA RAY / OCL	NEUTRON/				Chase		239					
GAMMA RAY / CCL					Council G	rove	270	)3				
Purpose of String	Size Hole	t all strings se Size Ca	sing	r, surfac	Veight	sed iate, production Setting	n, etc.	# Sacks	Type and Pe	ercent		
	Drilled	Set (In O.D.)		Lbs./Ft.		Depth	Cement	Used	Additiv	es		
SURFACE	12.25	8 5/8		24		638	STANDARD	430	2% 2% CC			
PRODUCTION 7.875		5 1/2	14		2868	MIDCON50/50 470		.5 HALAD				
		ADD	ITIONAL C	CARTAI	TINO (OO)	575.000	TOC=200		<u> </u>			
Purpose Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of C		cks Used	EZE RECORD		Percent Additiv	/es				
Shots Per Foot	PERFORAT	ION RECORD	- Bridge P	lugs Se	et/Type	Acid Fractur	e, Shot, Cemer	nt Saesze Rec	ord			
	Specify I	ootage of Ead	ch Interval	Perfora	ted	(Amoun	laterial Used)	ial Used) Depth				
2	2648-60; 260	00-12; 2546	6-56; 24	90-96	<u>;                                    </u>	Frac w/95	5,508 gal 3	0 &25# x-li	inked 2432-	2660		
	2432-38					patriot.5	% KCL w/300	20snd				
		<del></del>										
TUBING RECORD	Size 2 3/8	Set At 2664		Pack	ker At	Liner Run	Yes [	X No		_		
ate of First, Resumed			Produc	ing Met	thod							
6-12-2010				Flov	wing 🔀 Pu	ımping 🔲 Ga	s Lift 🔲 C	other (Explain)				
Estimated Production Per 24 Hours	Oil O	Bbls.	Gas 221	Мс	f Wate	r Bbls.	Gas-O	il Ratio	Grav	ty		
DISPOSITION				METHO	D OF COM	PLETION		Dead	tion Inter!			
	Used on Le	ase   O			Dually		ommingled	2432-26	tion Interval	Ì		
(If vented, submi	it ACO-18.)	1 -	ther (Spec	_	<u> </u>	. Ц -	-	2432-20	200	—		
		ا ت		·'/ —			<del></del>   -			<del></del>		

#### PLAT AND CERTIFICATION OF ACREAGE ATTRIBUTABLE TO A GAS WELL

Kansas Corporation Commission, Conservation Division
Finney State Office Building, 130 South Market, Room 2078 Wichita, Kansas 67202

API NUMBER 15-

OPERATOR: Anadarko Petroleum Corporation

LEASE: McCammon B WELL NUMBER: 2H FIELD: Hugoton

NUMBER OF ACRES ATTRIBUTABLE TO WELL: 640

QTR/QTR/QTR: SE - NW - NW

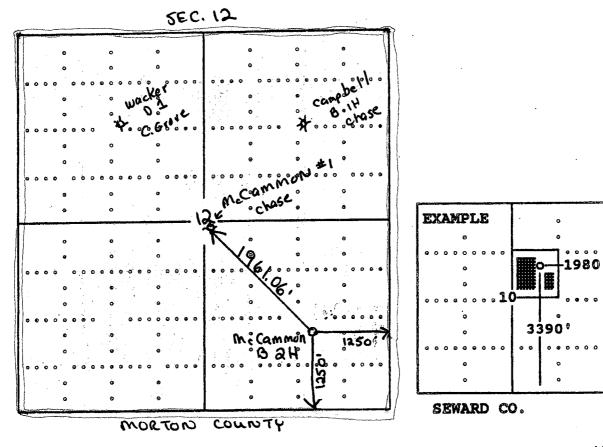
(Show the location for the well and shade attributable acreage for prorated or spaced wells). (Show the footage to the nearest lease or unit boundary line; and show footage to the nearest common source supply well).

LOCATION OF WELL: COUNTY: Morton

1250 feet from X South North line of section

1250 feet from X East West line of section

SECTION 12 TWP 33(S) RNG 40W
IS SECTION X REGULAR or IRREGULAR
IF SECTION IS IRREGULAR, LOCATE WELL FROM
NEAREST CORNER BOUNDARY (check line below)
Section corner used: NE\_NW\_SE\_SW



KCC WICHITA

SEP 2 8 2010

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The undersigned hereby certifies as Staff Regulatory Analyst (title) for Anadarko Petroleum Corporation (Co.), a duly authorized agent, that all information shown hereon is true and correct to the best of my knowledge and belief, that all acreage claimed attributable to the well named herein is held by production from that well and hereby make application for an allowable to be assigned to the well upon the filing of this form and the State test, whichever is later.

Signature

Subscribed and sworn before me this 28

day of Janjary

2017

Notary Public

My Commission expires

ANNA M ELMORE
NOTARY PUBLIC, STATE OF TEXAS MY COMMISSION EXPIRES
SEPT. 10, 2011

FORM CG-8 (12/94)

## Cementing Job Summary

The Road to Excellence Starts with Safety Sold To #: 300466 Ship To #: 2786495 Quote #: Sales Order #: 7396556 Customer: ANADARKO PETROLEUM CORP - EBUS Customer Rep: Cook, Junior Well Name: CAMERON Well #: McCammon B #2H API/UWI #: Field: City (SAP): HUGOTON County/Parish: Stevens State: Kansas Contractor: TRINIDAD Rig/Platform Name/Num: TRINIDAD208 Job Purpose: Cement Surface Casing Well Type: Development Well Job Type: Cement Surface Casing Sales Person: HESTON, MYRON Srvc Supervisor: WILTSHIRE. MBU ID Emp #: 195811 MERSHEK Job Personnel **HES Emp Name** Exp Hrs Emp# **HES Emp Name** Exp Hrs Emp# **HES Emp Name** Exp Hrs Emp# HAYES, CRAIGH 6.3 449385 LOPEZ, JUAN R 6.3 198514 WILTSHIRE. 6.3 195811 MERSHEK Tonje Equipment **HES Unit #** Distance-1 way Job Hours Date On Location Operating Date On Location Operating Date On Location Operating Hours Hours Hours Hours Hours Hours TOTAL Total is the sum of each column separately Job **Job Times** Formation Name **Date** Time Time Zone Formation Depth (MD) Top Bottom Called Out 26 - May - 2010 16:00 CST Form Type **BHST** On Location 26 - May - 2010 20:00 CST Job depth MD 675. ft Job Depth TVD 675. ft Job Started 27 - May - 2010 00:15 CST Water Depth Wk Ht Above Floor 5. ft 27 - May - 2010 Job Completed 00:56 CST Perforation Depth (MD) From To Departed Loc 27 - May - 2010 02:30 CST **Well Data** Description New / Max Size ID Weight Thread Grade Top MD **Bottom** Top Bottom Used pressure in ibm/ft ft MD TVD TVD psig ft ft ft Surface Hole 12.25 675. Surface Casing Unknow 8.625 8.097 24. 675. Sales/Rental/3rd Party (HES) Description Qty Qty uom Depth Supplier SHOE, GID, 8-5/8 8RD EA VLVASSY,INSR FLOAT,8-5/8 8RD, 24 lbs/ft RECEIVED 1 EA FILLUP ASSY - 1.500 ID - 7 IN. - 8-5/8 1 EA CENTRALIZER ASSY - API - 8-5/8 CSG X SEP 2 8 2010 3 EA BASKET - CEMENT - 8 5/8 CSG X 12 1/4 1 EΑ PLUG,CMTG,TOP,8 5/8,HWE,7.20 MIN/8.09 MA KCC WICHITA 1 EΑ **Tools and Accessories** Type Size Qty Make Depth Type Size Make Depth Qtv **Type** Size Qty Make **Guide Shoe** Packer Top Plug Float Shoe **Bridge Plug Bottom Plug** Float Collar Retainer SSR plug set Insert Float Plug Container Stage Tool Centralizers Miscellaneous Materials Gelling Agt Conc Surfactant Conc Acid Type Qty Conc % Treatment Fld Conc Inhibitor Conc Sand Type Size Qty

Summit Version: 7.20.130

Thursday, May 27, 2010 01:17:00

## Cementing Job Summary

							F	luid Data						
S	tage/Plu	g #: 1							-	, i				
Fluid #		•		Flu	uid Na	me		Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/sl		Rate bbl/min	Total Mix Fluid Gal/sl
1	Water P Flush	re-							bbl	8.33	.0	.0	5.0	
2	Hallibur Light Sta		HALLIBURTON LIGHT STANDA SBM (12313)				ARD -	230.0	sacks	12.4	2.09	11.42	5.0	11.42
	2 %		CALC	IUM CHLOR	RIDE -	HI TEST	PELL	ET (100005	053)	<u></u>	<u></u>		L	<u> </u>
	0.5 lbm			-E-FLAKE (										<del></del> -
	11.423 G	al	FRES	H WATER		<del></del> -		· · · · · · · · · · · · · · · · · · ·						<u> </u>
3	Standard Cement	CMT - STANDARD CEMENT (100003684)						200.0	sacks	15.6	1.2	5.24	5.0	5.24
	94 lbm		CMT -	STANDARI	D - CL	ASS A R	EG OF	TYPE I, BI	ULK (10	0003684)			<u> </u>	
	2 %			UM CHLOR									<del></del>	
	0.25 lbm			E-FLAKE (										·
	5.238 Ga		FRESI	H WATER		· · · · · · · · · · · · · · · · · · ·				···				
4	Displace	ment					· ·		bbl	8.33	.0	.0	5.0	
Ca	<b>lculated</b>	Values		Pres	sures					V	olumes		0.0	
)isplac	ement			ut In: Insta	nt		Lost	Returns		Cement S		<u> </u>	Pad	<del></del>
op Of	Cement		5 N	/lin			Ceme	nt Returns		Actual Displacement		nent	Treatm	ent
rac G	adient		15	Min			Space	ers		Load and	<u> </u>		Total Jo	
								Rates		<del></del>			1. 5.4	
Circulating Mixing						Displace	ement			Avg. Jo	b			
	nt Left In		Amou	nt 0 ft	Reaso	n Shoe	Joint	<del></del>	***************************************			7.1.8.00		
rac R	ing #1@		D	Frac ring	#2@	1	D	Frac Ring	#3@	ID		Frac Ring	4400	ID
The	e Inform	ation	Stated	l Herein I	s Cor	rect	Custo	mer Represen				1	1	

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Summit Version: 7.20.130

## Cementing Job Log

The Road to Excellence Starts with Safety Sold To #: 300466 Ship To #: 2786495 Quote #: Sales Order #: 7396556 Customer: ANADARKO PETROLEUM CORP - EBUS Customer Rep: Cook, Junior Well Name: CAMERON Well #: B2H API/UWI #: Field: City (SAP): HUGOTON County/Parish: Stevens State: Kansas Legal Description: Lat: Long: Contractor: TRINIDAD Rig/Platform Name/Num: TRINIDAD208 Job Purpose: Cement Surface Casing Ticket Amount: Well Type: Development Well Job Type: Cement Surface Casing Sales Person: HESTON, MYRON Srvc Supervisor: WILTSHIRE, MBU ID Emp #: 195811 MERSHEK Rate **Pressure** Volume **Activity Description** Date/Time Cht bbl/ psig Comments bbl min # Stage Total Tubing Casing Call Out 05/26/2010 16:00 Arrive At Loc 05/26/2010 20:00 Pre-Job Safety Meeting 05/26/2010 20:15 Start Job 05/27/2010 8 5/8" SURFACE 00:15 CASING **Test Lines** 05/27/2010 2000. 00:15 0 **Pump Lead Cement** 05/27/2010 6 82 25.0 230 SKS HLC PP @ 00:20 12.4# **Pump Tail Cement** 05/27/2010 43 50.0 200 SKS CLASS A @ 00:34 15.6# **Drop Top Plug** 05/27/2010 126 40.0 **END CEMENT** 00:42 **Pump Displacement** 05/27/2010 5.5 37 .0 **RIG WATER** 00:43 Other 05/27/2010 . 2 ... - 27 125.0 SLOW RATE 00:51 Other 05/27/2010 200.0 PRESSURE BEFORE 00:55 LANDING PLUG **Bump Plug** 05/27/2010 2 37 980.0 FLOAT HELD 00:55 End Job 05/27/2010 00:56 Cement Returns to Surface 05/27/2010 52 BBLS OF CEMENT 01:00 TO PIT

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Sold To #: 300466

Ship To #:2786495

Quote #:

Sales Order # :

7396556

SUMMIT Version:

7.20.130

Thursday, May 27, 2010 01:17:00

### Cementing Job Summary

The Road to Excellence Starts with Safety Sold To #: 300466 Ship To #: 2786495 Quote #: Sales Order #: 7400389 Customer: ANADARKO PETROLEUM CORP - EBUS Customer Rep: Well #: Mc Cammon B Well Name: CAMERON API/UWI #: #2H Field: City (SAP): HUGOTON County/Parish: Stevens State: Kansas Contractor: TRINIDAD Rig/Platform Name/Num: TRINIDAD #208 Job Purpose: Cement Production Casing Well Type: Development Well Job Type: Cement Production Casing Sales Person: HESTON, MYRON Srvc Supervisor: WILTSHIRE. MBU ID Emp #: 195811 MERSHEK Job Personnel **HES Emp Name** Exp Hrs Emp# **HES Emp Name** Exp Hrs Emp# **HES Emp Name** Exp Hrs Emp# AGUILERA, FABIAN 5.3 442123 LOPEZ, JUAN R 5.3 198514 MATA, ADOLFO V 5.3 419999 WILTSHIRE. 5.3 195811 MERSHEK Tonje Equipment **HES Unit #** Distance-1 way Job Hours Date On Location Operating Date On Location Operating Date On Location Operating Hours Hours Hours Hours Hours Hours TOTAL Total is the sum of each column separately Job **Job Times** Formation Name Date Time Time Zone Formation Depth (MD) Top Bottom Called Out 28 - May - 2010 13:00 CST Form Type BHST On Location 28 - May - 2010 16:30 CST Job depth MD 3750. ft Job Depth TVD 3750. ft Job Started 28 - May - 2010 20:01 CST Water Depth Wk Ht Above Floor 5. ft Job Completed 28 - May - 2010 20:58 CST Perforation Depth (MD) From To Departed Loc 28 - May - 2010 22:00 CST Well Data Description New / Max Size ID Weight Thread Grade Top MD **Bottom** Top **Bottom** Used pressure in lbm/ft in ft MD **TVD** TVD psig ft ft ft Production Open 7.875 675. 3750 Hole 5 1/2 Production Unknow 5.5 5.012 14. 3750. Casing n Surface Casing Unknow 8.625 8.097 24. 675. n Sales/Rental/3rd Party (HES) Description SURFICE IVE Qty Qty uom Depth SHOE, GID, 5-1/2 8RD 1 EA PLUG ASSY,LTH-DWN,5 1/2 13-23#,F/ 2.875 1 SEP 2 8 2010 EΑ BAFFLE ASSY - 5-1/2 8RD - LATCH-DOWN 1 EΑ CENTRALIZER ASSY - TURBO - API -14 KCC WICHITA EA KIT.HALL WELD-A EA **Tools and Accessories** Type Size Qtv Make Depth Type Size Qtv Make Depth Type Size Qty Make Guide Shoe Packer Top Plug Float Shoe Bridge Plug **Bottom Plug** Float Collar Retainer SSR plug set Insert Float Plug Container Stage Tool Centralizers

Summit Version: 7.20.130

# Cementing Job Summary

					llane	ous Ma	terials						
Gelling Agt			Conc	Surfactant			Conc	Acid	Туре		Qty		9
Treatment Fld Conc Inhibit				Inhibitor			Conc				Size		1-
					Flui	d Data						<del></del>	
	tage/Plug												
Fluid #	Stage 1	Гуре	Fluid 1	Qty	Qty	Mixing	Yield	Mix	Rate	Total I	Vix		
							uom	Density Ibm/gal	ft3/sk	Fluid Gal/sk	bbl/min	Fluid G	al/s
1	Water Pro Flush	e-					bbl	8.33	.0	.0	6.0	-	
2	Mid-Con Standard	2	MIDCON-2 CEMENT (15078)	STANDARD -	SBM	190.0	sacks	11.4	2.89	17.84	6.0	17.84	1
	0.25 lbm	772	POLY-E-FLAKE (101:	216940)	1		L						
	17.838 Ga	1	FRESH WATER										
3	50/50 PO	_	POZ STANDARD 50/	50 - SBM (1230	08)	280.0	sacks	13.3	1.63	7.25	6.0	7.25	
	10 lbm		KOL-SEAL, BULK (10	00064233)									
	0.5 %		HALAD(R)-322, 50 LE							·	<del></del>		
	0.25 lbm		POLY-E-FLAKE (1012	216940)							<del></del>		
	7.25 Gal		FRESH WATER				-						
	2% KCL W	/ater				69.00	bbl	8.33	.0	.0	6.0		
1.0	v/ Biocide												
	Displaceme 2.5 gal/Mga		CLAYFIX 3, TOTETAN	W /4045024051	<u></u> L								
	.021 gal/bb		BE-7, TOTE TANK (10		)						· · · · · · · · · · · · · · · · · · ·		
	42 gal/bbl	-	WATER - FRESH - GA			·	<del></del> _						
	culated V	aluee											
	ement	ulucs	Shut In: Instant		t Ret				lumes	·	· · · · · · · · · · · · · · · · · · ·	* -	
	Cement		5 Min			urns Returns		Cement Slu			Pad		
	adient		15 Min	cers	returns		Actual Dis			Treatme			
				Ора	Rat	lac .		Load and B	reakdown	<u> </u>	Total Jo	b	
ircula	iting		Mixing	T		Displace	ment		<del></del>	Ave Int			_
Ceme	nt Left In F	Pipe	Amount 0 ft Reas	son Shoe Join		opiace	ATTIGUTE.			Avg. Jo	0		
rac Ri	ng # 1 @	1	D Frac ring # 2 (			rac Ring	#3@	ID	Era	c Ring #	4.6	ID	
The	Informa	tion S	Stated Herein Is C	Cur		Represen					7.6		

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## Cementing Job Log

The Road to Excellence Starts with Safety Sold To #: 300466 Ship To #: 2786495 Quote #: Sales Order #: 7400389 Customer: ANADARKO PETROLEUM CORP - EBUS Customer Rep: Well Name: CAMERON Well #: B2H API/UWI #: Field: City (SAP): HUGOTON County/Parish: Stevens State: Kansas Legal Description: Lat: Long: Contractor: TRINIDAD Rig/Platform Name/Num: TRINIDAD #208 Job Purpose: Cement Production Casing Ticket Amount: Well Type: Development Well Job Type: Cement Production Casing Sales Person: HESTON, MYRON Srvc Supervisor: WILTSHIRE, MBU ID Emp #: 195811 MERSHEK Rate **Pressure** Volume **Activity Description** Date/Time Cht bbl/ psia Comments bbl min # Stage Total Tubing Casing Call Out 05/28/2010 13:00 Arrive At Loc 05/28/2010 16:30 Pre-Job Safety Meeting 05/28/2010 16:45 Start Job 05/28/2010 5 1/2" PRODUCTION 20:01 **CASING Test Lines** 05/28/2010 3000. 20:02 0 **Pump Lead Cement** 05/28/2010 6 98 170.0 190 SKS MIDCON 2 @ 20:05 11.4# **Pump Tail Cement** 05/28/2010 82 20.0 280 SKS 50/50 POZ @ 20:21 13.3# **Drop Top Plug** 05/28/2010 180 30.0 **END CEMENT** 20:35 Clean Lines 05/28/2010 20:36 **Pump Displacement** 05/28/2010 5.5 69 0. KCL WATER 20:40 Other 05/28/2010 2 59 600.0 SLOW RATE 20:53 Other 05/28/2010 700.0 PRESSURE BEFORE 20:57 LANDING PLUG **Bump Plug** 05/28/2010 2 69 1750. FLOAT HELD 20:57 End Job 05/28/2010 20:58 Cement Returns to Surface 05/28/2010 65 65 BBLS OF CEMENT 21:00 TO PIT

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SEP 2 8 2010

Sold To #: 300466

Ship To #:2786495

Quote #:

Sales Cher WICHITA 400389

7.20.130

Friday, May 28, 2010 09:03:00