

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

KCC WICHITA

OPERATOR: License # 4549

Name: ANADARKO PETROLEUM CORPORATION

Address 1: P.O. BOX 1330

Address 2: \_\_\_\_\_

City HOUSTON State TX Zip: 77251 + 1330

Contact Person: MELANIE WIGGINS

Phone ( 832 ) 636-1053

CONTRACTOR: License # 33784

Name: Trinidad Drilling LP

Wellsite Geologist: \_\_\_\_\_

Purchaser: Anadarko Energy Services Company

Designate Type of Completion

- New Well       Re-Entry       Workover
- Oil               SWD               SIOW
- Gas               ENHR               SIGW
- CM (Coal Bed Methane)       Temp. Abd.
- Dry               Other \_\_\_\_\_  
(Core, WSW, Expl., Cathodic, etc.)

If Workover/Reentry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date \_\_\_\_\_ Original Total Depth \_\_\_\_\_

Deepening       Re-perf.       Conv.to Enhr       Conv.to SWD

Plug Back       Plug Back Total Depth

Commingled      Docket No. \_\_\_\_\_

Dual Completion      Docket No. \_\_\_\_\_

Other (SWD or Enhr?)      Docket No. \_\_\_\_\_

<u>04/28/2010</u>	<u>04/30/2010</u>	<u>05/17/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API NO. 15- 189-22708-00-00

Spot Description: \_\_\_\_\_

SE - SE - NW - NW Sec. 27 Twp. 32 S. R. 38  East  West

1288 Feet from  North /  South Line of Section

1277 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

County Stevens

Lease Name Rhinehart Estate C Well # 2HP

Field Name Hugoton/Panoma

Producing Formation Chase/Council Grove

Elevation: Ground 3202 Kelley Bushing -

Total Depth 3280 Plug Back Total Depth -

Amount of Surface Pipe Set and Cemented at 642 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit)

Chloride content 5100 ppm Fluid volume 50 bbls

Dewatering method used HAUL OFF

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name ANADARKO PETROLEUM CORPORATION

Lease Name KEEFER A 1 License No. 4549

Quarter SW Sec. 13 Twp. 32 S. R. 38  East  West

County STEVENS Docket No. D17157

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. MarkeT - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Melanie Wiggins

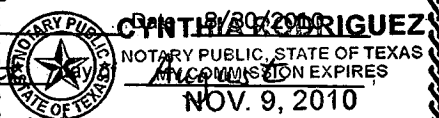
Title REGULATORY ANALYST

Subscribed and sworn to before me this

20 10

Notary Public

Date Commission Expires



**KCC Office Use ONLY**

Letter of Confidentiality Attached

If Denied, Yes  Date: \_\_\_\_\_

Wireline Log Received

Geologist Report Received

UIC Distribution

Att 1 - Dg - 9/3/10

Operator Name ANADARKO PETROLEUM CORPORATION

Lease Name Rhinehart Estate C

Well # 2HP

Sec. 27 Twp. 32 S.R. 38  East  West

County Stevens

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken  Yes  No  
(Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
(Submit Copy)

List All E.Logs Run:

CEMENT BOND LOG  
NEUTRON LOG

Log Formation (Top), Depth and Datums  Sample

Name Top Datum

Base Cedar Hills 1422  
Base Stone Corral 1782  
Chase 2554  
Council Grove 2868

CASING RECORD  New  Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
<u>SURFACE</u>	12.25	8 5/8	24	642	STANDARD	450	2% 2% CC
<u>PRODUCTION</u>	7.875	5 1/2	14	3245	MIDCON50/50	515	.5 HALAD
					TOC=180		

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	2984-2989; 2951-2957; 2895-2901	Frac w/95,592 gals 20# x-linked borate .5% KCL w/150,000# 12/20snc	2895-2989
2	2765-2779; 2705-2723; 2651-2657; 2585-2591	Frac w/106,554 gal 30 & 25# xlinked borate .5% KCL w/295,995# 12/20snc	2585-2779

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8	2991	-	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Enhr.	Producing Method
05/17/2010	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
0		111	0		

DISPOSITION OF GAS:	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, submit ACO-18.)	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	2585-2989

**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 15-189-22708-00-00

OPERATOR: Anadarko Petroleum Corporation

LEASE: Rhinehart Estate C

WELL NUMBER: 2HP

FIELD: Hugoton/Panoma

NUMBER OF ACRES ATTRIBUTABLE TO WELL: 640

QTR/QTR/QTR: NW - SE - 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: Stevens

1288 feet from South X North line of section

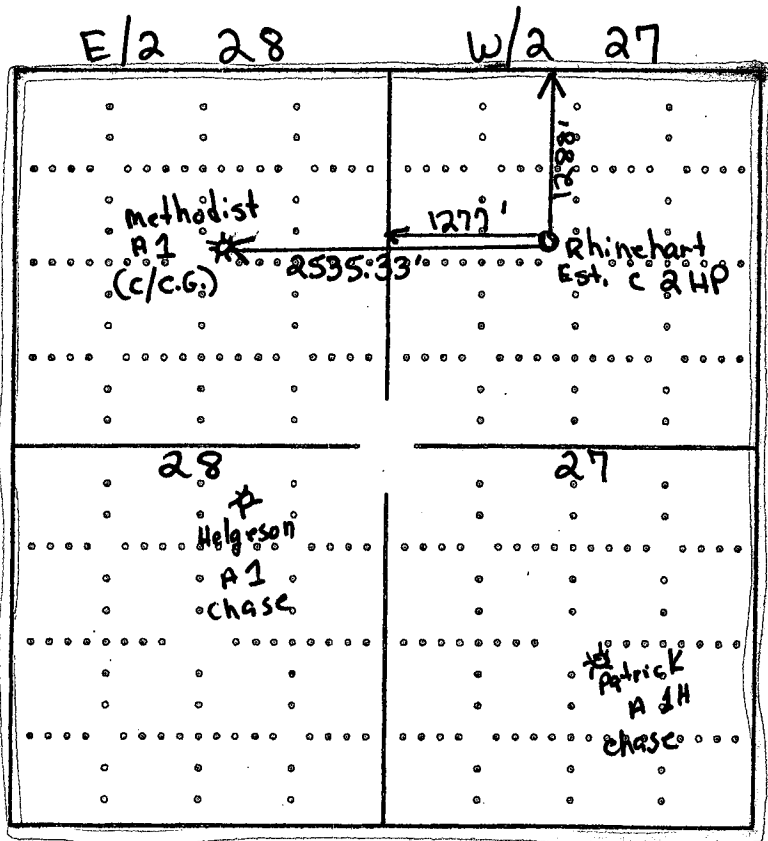
1277 feet from East X West line of section

SECTION 27 TWP 32(S) RNG 38W

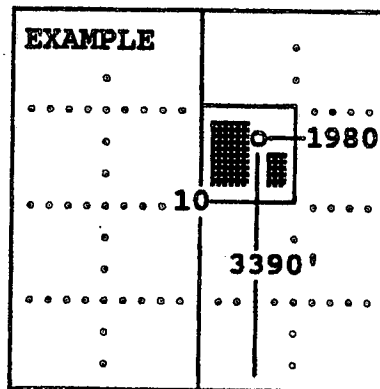
IS SECTION X REGULAR or IRREGULAR

IF SECTION IS IRREGULAR, LOCATE WELL FROM NEAREST CORNER BOUNDARY (check line below)

Section corner used: NE NW SE X SW



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SEWARD CO.

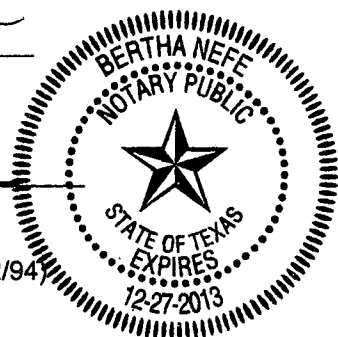
The undersigned hereby certifies as Staff Regulatory Analyst (title) for Anadarko Petroleum Corporation (Co.), a duly authorized agent, that all information shown hereon is true and correct to the best of my knowledge and belief, that all acreage claimed attributable to the well named herein is held 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 Diana Smart

Subscribed and sworn before me this 18th day of March, 2010

Bertha Neffe  
Notary Public

My Commission expires 12-27-2013



# HALLIBURTON

# Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 300466	Ship To #: 2781367	Quote #:	Sales Order #: 7333834
Customer: ANADARKO PETROLEUM CORP - EBUS		Customer Rep:	
Well Name: Reinhart Estate	Well #: C2HP	API/UWI #:	
Field:	City (SAP): HUGOTON	County/Parish: Stevens	State: Kansas
Contractor: TRINIDAD	Rig/Platform Name/Num: 208		<b>RECEIVED</b>
Job Purpose: Cement Surface Casing			
Well Type: Development Well	Job Type: Cement Surface Casing		<b>SEP 02 2010</b>
Sales Person: HESTON, MYRON	Srvc Supervisor: VILLANUEVA, EDUARDO	MBU ID Emp #: 341956	

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### Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
MATA, ADOLFO V	4	419999	slatter, joe	4	106095	VILLANUEVA, EDUARDO	4	341956
VILLARREAL, ARTURO	4	106127						

### Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10240236	50 mile	10244148	50 mile	10286731	50 mile	10924982	50 mile
10949717	50 mile	10990703	50 mile	10995019	50 mile		

### Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
4-28-10	4	1						
<b>TOTAL</b>	<i>Total is the sum of each column separately</i>							

### Job

### Job Times

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone
Formation Depth (MD)			On Location	28 - Apr - 2010	15:00	CST
Form Type	BHST		Job Started	28 - Apr - 2010	20:00	CST
Job depth MD	642. ft	Job Depth TVD	Job Completed	28 - Apr - 2010	21:40	CST
Water Depth		Wk Ht Above Floor	Departed Loc	28 - Apr - 2010	22:36	CST
Perforation Depth (MD)	From	To		28 - Apr - 2010	23:50	CST

### Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Surface Hole				12.25					650.		
8 5/8 Surface Casing	Unknown		8.625	8.097	24.				642.		

### Sales/Rental/3<sup>rd</sup> Party (HES)

Description	Qty	Qty uom	Depth	Supplier
SHOE,GID,8-5/8 8RD	1	EA		
VLVASSY,INSR FLOAT,8-5/8 8RD, 24 lbs/ft	1	EA		
FILLUP ASSY - 1.500 ID - 7 IN. - 8-5/8	1	EA		
CENTRALIZER ASSY - API - 8-5/8 CSG X	3	EA		
BASKET - CEMENT - 8 5/8 CSG X 12 1/4	1	EA		
PLUG,CMTG,TOP,8 5/8,HWE,7.20 MIN/8.09 MA	1	EA		

### Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe	8 5/8	1	HES	642	Packer					Top Plug	8 5/8	1	HES
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float	8 5/8	1	HES	602						Plug Container	8 5/8	1	HES
Stage Tool										Centralizers	8 5/8*12 1/4	1	HES

Miscellaneous Materials												
Gelling Agt		Conc		Surfactant		Conc		Acid Type		Qty	Conc	%
Treatment Fld		Conc		Inhibitor		Conc		Sand Type		Size		Qty
<b>Fluid Data</b>												
<b>Stage/Plug #: 1</b>												
Fluid #	Stage Type	Fluid Name			Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	
1	Water Pre-Flush					bbl	8.33	.0	.0	5.0		
2	Halliburton Light Standard	HALLIBURTON LIGHT STANDARD - SBM (12313)			230.0	sacks	12.4	2.09	11.42	5.0	11.42	
	2 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)										
	0.5 lbm	POLY-E-FLAKE (101216940)										
	11.423 Gal	FRESH WATER										
3	Standard Cement	CMT - STANDARD CEMENT (100003684)			220.0	sacks	15.6	1.2	5.24	5.0	5.24	
	94 lbm	CMT - STANDARD - CLASS A REG OR TYPE I, BULK (100003684)										
	2 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)										
	0.25 lbm	POLY-E-FLAKE (101216940)										
	5.238 Gal	FRESH WATER										
4	Displacement					bbl	8.33	.0	.0	5.0		
<b>Calculated Values</b>			<b>Pressures</b>			<b>Volumes</b>						
Displacement	38	Shut In: Instant			Lost Returns		NO	Cement Slurry		85.6/47	Pad	
Top Of Cement	SURFACE	5 Min			Cement Returns		40	Actual Displacement		38	Treatment	
Frac Gradient		15 Min			Spacers		0	Load and Breakdown			Total Job	170.6
<b>Rates</b>												
Circulating	5.5	Mixing			6	Displacement		5.5	Avg. Job		6	
Cement Left In Pipe	Amount	40 ft	Reason	Shoe Joint								
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID					
<b>The Information Stated Herein Is Correct</b>				Customer Representative Signature								

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# HALLIBURTON

# Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 300466		Ship To #: 2781367		Quote #:		Sales Order #: 7342150	
Customer: ANADARKO PETROLEUM CORP - EBUS				Customer Rep:			
Well Name: REINHART ESTATE			Well #: C2HP		API/UWI #:		
Field: GREENWOOD GAS AREA		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: BRINKMAN, BENNETT			MBU ID Emp #: 414024	

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### Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BRINKMAN, BENNETT Wade	7	414024	MATA, ADOLFO V	7	419999	NALL, CHAD Alan	7	426530
SLATTER, JOE	7	106095						

### Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10240236	mile	10857010	mile	10866807	mile	10924982	mile
10949720	mile	10998524	mile				

### Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
04-30-10	7	2.5						

TOTAL Total is the sum of each column separately

### Job

### Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
				On Location	30 - Apr - 2010	09:30	CST
Form Type			BHST	On Location	30 - Apr - 2010	14:30	CST
Job depth MD	3245. ft		Job Depth TVD	3245. ft	Job Started	30 - Apr - 2010	20:00
Water Depth			Wk Ht Above Floor	3. ft	Job Completed	30 - Apr - 2010	21:15
Perforation Depth (MD)	From		To		Departed Loc	30 - Apr - 2010	22:00

### Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
5 1/2 Production Casing	Unknown		5.5	5.012	14.				3245.		
Production Open Hole	Unknown		5.5	5.012	14.			650.	3280.		
Surface Casing	Unknown		8.625	8.097	24.				642.		

### Sales/Rental/3<sup>rd</sup> Party (HES)

Description	Qty	Qty uom	Depth	Supplier
SHOE,GID,5-1/2 8RD	1	EA		
PLUG ASSY,3 WIPR LTH-DWN,5 1/2 CSG	1	EA		
BAFFLE ASSY - 5-1/2 8RD - LATCH-DOWN	1	EA		
CENTRALIZER ASSY - TURBO - API -	14	EA		
KIT,HALL WELD-A	1	EA		

### Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe	5.5	1	HES	3245	Packer					LD Plug	5.5	1	HES
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					Centralizers	5.5*8.625	14	HES
Insert Float					LD Baffle	5.5	1	HES	3205	Plug Container	5.5	1	HES

Miscellaneous Materials											
Gelling Agt		Conc	Surfactant	Conc	Acid Type	Qty	Conc	%			
Treatment Fld		Conc	Inhibitor	Conc	Sand Type	Size	Qty				
Fluid Data											
Stage/Plug #: 1											
Fluid #	Stage Type	Fluid Name		Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	
1	Water Pre-Flush			10.00	bbl	8.33	.0	.0	6.0		
2	MID-CON 2 STANDARD	MIDCON-2 CEMENT STANDARD - SBM (15078)		225.0	sacks	11.4	2.89	17.84	6.0	17.84	
	0.25 lbm	POLY-E-FLAKE (101216940)									
	17.838 Gal	FRESH WATER									
3	50/50 POZ STANDARD	POZ STANDARD 50/50 - SBM (12308)		290.0	sacks	13.3	1.63	7.25	6.0	7.25	
	10 lbm	KOL-SEAL, BULK (100064233)									
	0.5 %	HALAD(R)-322, 50 LB (100003646)									
	0.25 lbm	POLY-E-FLAKE (101216940)									
	7.25 Gal	FRESH WATER									
4	2% Clay-Fix 3 Water w/ Biocide Displacement			79.00	bbl	8.33	.0	.0	6.0		
	0.105 gal/bbl	CLAYFIX 3, TOTETANK (101583425)									
	0.021 gal/bbl	BE-7, TOTE TANK (101649552)									
	42 gal/bbl	WATER - FRESH - GAL (24047)									
Calculated Values			Pressures			Volumes					
Displacement	79	Shut In: Instant				Lost Returns	0	Cement Slurry	116/84	Pad	
Top Of Cement	SURFACE	5 Min				Cement Returns	35	Actual Displacement	79	Treatment	
Frac Gradient		15 Min				Spacers	10	Load and Breakdown		Total Job	289
Rates											
Circulating	6	Mixing		6	Displacement		6	Avg. Job		6	
Cement Left In Pipe	Amount	40ft	Reason	Shoe Joint							
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID				
<b>The Information Stated Herein Is Correct</b>				Customer Representative Signature							

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