

# ORIGINAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form must be Typed

## WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 4549  
 Name: Anadarko Petroleum Corporation  
 Address 1201 Lake Robbins Drive  
 City/State/Zip The Woodlands, TX 77380  
 Purchaser: \_\_\_\_\_  
 Operator Contact Person: Jerry N. Blossom  
 Phone ( 832 ) 636-3128  
 Contractor: Name: Murfin Drilling Co., Inc.  
 License: 30606  
 Wellsite Geologist: \_\_\_\_\_

API NO. 15- 189-22465-0000  
 County Stevens  
 \_\_\_\_\_ - CE/2 - SE - NE Sec. 6 Twp. 35 S. R. 38  E  W  
1980 N Feet from S/N (circle one) Line of Section  
330 E Feet from E/W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE NW SW  
 Lease Name Heintz D Well # 2  
 Field Name Mouser  
 Producing Formation N/A

Designate Type of Completion

**RECEIVED**  
 KANSAS CORPORATION COMMISSION  
 JUN 25 2004  
 CONSERVATION DIVISION  
 WICHITA, KS

New Well  Re-Entry  Workover

Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGWTA, KS  
 Dry  Other (Core, WSW, Expl., Cathodic, etc.)

Elevation: Ground 3237' Kelley Bushing 3244'  
 Total Depth 7000' Plug Back Total Depth N/A  
 Amount of Surface Pipe Set and Cemented at 1755' 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.

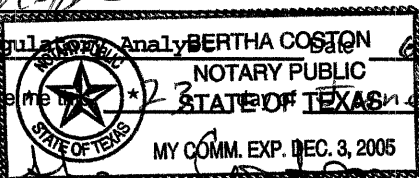
If Workover/Reentry: Old Well Info as follows:  
 Operator: \_\_\_\_\_  
 Well Name: \_\_\_\_\_  
 Original Comp. Date \_\_\_\_\_ Original Total Depth \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to Enhr./SWD  
 Plug Back \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Other (SWD or Enhr?) \_\_\_\_\_ Docket No. \_\_\_\_\_  
2.15.04 2.23.04 2.23.04  
 Spud Date or Date Reached TD Completion Date or  
 Recompletion Date Recompletion Date

Drilling Fluid Management Plan ALT#1 P&A KGR 5/01/07  
 (Data must be collected from the Reserve Pit)  
 Chloride content 1570 ppm Fluid volume 725 bbls  
 Dewatering method used Evaporation  
 Location of fluid disposal if hauled offsite:  
 Operator Name \_\_\_\_\_  
 Lease Name \_\_\_\_\_ License No. \_\_\_\_\_  
 Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  E  W  
 County \_\_\_\_\_ Docket No. \_\_\_\_\_

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 [Signature]  
 Title Staff Envir. & Regulatory Analyst  
 Subscribed and sworn to before me on 23 day of June, 2004.  
 Notary Public Bertha Coston  
 Date Commission Expires 12-3-05



**KCC Office Use ONLY**

No Letter of Confidentiality Attached  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

11/10/70

Operator Name Anadarko Petroleum Corporation

Lease Name Heintz D Well # 2

Sec. 6 Twp. 35 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. 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 (Attach Additional Sheets.) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run (Submit Copy.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No List All E.Logs Run: <b>Compensated Neutron, Array Induction, Micro Resistivity, Compensated Sonic</b>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%;"><input checked="" type="checkbox"/> Log</td> <td style="width:60%;">Formation (Top), Depth and Datums</td> <td style="width:25%;"><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Chase</td> <td>2612'</td> <td>625'</td> </tr> <tr> <td>Marmaton</td> <td>5080'</td> <td>-1843'</td> </tr> <tr> <td>Morrow</td> <td>5908'</td> <td>-2671'</td> </tr> <tr> <td>St. Gen</td> <td>6580'</td> <td>-3343'</td> </tr> <tr> <td>St. Louis</td> <td>6734'</td> <td>-3497'</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample	Name	Top	Datum	Chase	2612'	625'	Marmaton	5080'	-1843'	Morrow	5908'	-2671'	St. Gen	6580'	-3343'	St. Louis	6734'	-3497'
<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample																				
Name	Top	Datum																				
Chase	2612'	625'																				
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Morrow	5908'	-2671'																				
St. Gen	6580'	-3343'																				
St. Louis	6734'	-3497'																				

CASING RECORD <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> 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
Surface	12-1/4"	8-5/8"	22.8	1755'	Midcon/Prem	600	2-3%CC, .1%FWC

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
N/A			

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr.	Producing Method
N/A	<input type="checkbox"/> Flowing <input 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
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Disposition of Gas:  Vented  Sold  Used on Lease  Open Hole  Perforation  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

(If vented, submit ACO-18.)

METHOD OF COMPLETION Production Interval

<b>HALLIBURTON JOB SUMMARY</b>			SALES ORDER NUMBER <b>2938468</b>	TICKET DATE <b>02/23/04</b>
REGION <b>Central Operations</b>		NWA / COUNTRY <b>Mid Continent/USA</b>		BDA / STATE <b>MC/Ks</b>
MBU ID / EMPL # <b>MCLO103 106304</b>		H.E.S. EMPLOYEE NAME <b>Kirby Harper</b>		COUNTY <b>STEVENS</b>
LOCATION <b>LIBERAL</b>		COMPANY <b>ANADARKO PETROLEUM CORP</b>		PSL DEPARTMENT <b>Cement</b>
TICKET AMOUNT <b>\$7,063.44</b>		WELL TYPE <b>01 Oil</b>		CUSTOMER REP / PHONE <b>KENNY PARKS 629-5136</b>
WELL LOCATION <b>W. OF LIBERAL, KS</b>		DEPARTMENT <b>CEMENT</b>		SAP BOMB NUMBER <b>7528</b> Plug to Abandon
LEASE NAME <b>HEINTZ</b>		Well No. <b>D-2</b>	SEC / TWP / RNG <b>4 - 35S - 38W</b>	HES FACILITY (CLOSEST TO WELL SITE) <b>Liberal Ks.</b>

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HR	HR	HR	HR
Harper, K 241985	4.0			
Davis, T 106304	5.5			
Torres, J 295373	4.5			

HES UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
10219237	52			
10011299/ 10011590	13			

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_  
 Form. Thickness \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
 Packer Type \_\_\_\_\_ Set At \_\_\_\_\_  
 Bottom Hole Temp. \_\_\_\_\_ Pressure \_\_\_\_\_  
 Retainer Depth \_\_\_\_\_ Total Depth \_\_\_\_\_

Date	Called Out	On Location	Job Started	Job Completed
	2/23/2004	2/23/2004	2/23/2004	2/23/2004
Time	1600	1830	2000	2300

Type and Size	Qty	Make
Float Collar		
Float Shoe		
Centralizers		
Top Plug		
HEAD		
Limit clamp		
Weld-A		
Guide Shoe		
BTM PLUG		

Well Data	New/Used		Weight	Size	Grade	From	To	Max. Allow
Casing						0		
Liner								
Liner								
Tubing	USED			4 1/2			3,230	
Drill Pipe								
Open Hole				7 7/8"				Shots/Ft.
Perforations								
Perforations								
Perforations								

Materials			
Mud Type	Density	Lb/Gal	
Disp. Fluid	Density	Lb/Gal	
Prop. Type	Size	Lb	
Prop. Type	Size	Lb	
Acid Type	Gal.	%	
Acid Type	Gal.	%	
Surfactant	Gal.	In	
NE Agent	Gal.	In	
Fluid Loss	Gal/Lb	In	
Gelling Agent	Gal/Lb	In	
Fric. Red.	Gal/Lb	In	
Breaker	Gal/Lb	In	
Blocking Agent	Gal/Lb		
Perfpac Balls	Qty.		
Other			
Other			
Other			
Other			
Other			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
2/23	5.5	2/23	1.0	Plug to Abandon
Total	5.5	Total	1.0	

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 JUN 25 2004  
 CONSERVATION DIVISION  
 WICHITA, KS

Ordered	Hydraulic Horsepower	Used
	Avail.	
Treating	Average Rates in BPM	Overall
	Disp.	
Feet	Cement Left in Pipe	SHOE JOINT
	Reason	

Cement Data			
Stage	Sacks	Cement	Bulk/Sks
1	100	40/60 POZ H	6% GEL
2	50	40/60 POZ H	6% GEL
3	40	40/60 POZ H	6% GEL
4	10	40/60 POZ H	6% GEL

Additives	W/Rq.	Yield	Lbs/Gal
(PLUG AT 3230 FT)	7.59	1.53	13.50
(PLUG AT 1730 FT)	7.59	1.53	13.50
(PLUG AT 600 FT)	7.59	1.53	13.50
(PLUG AT 40 FT)	7.59	1.53	13.50

Summary			
Circulating Breakdown	Displacement	Preflush:	BBi
Lost Returns	MAXIMUM	Load & Bkdn:	Gal - BBi
Cmt Rtrn#Bbi	Actual TOC	Excess /Return	BBi
Average	Frac. Gradient	Calc. TOC:	
Shut In: Instant	5 Min.	Treatment:	Gal - BBi
	15 Min.	Cement Slurry	BBi
		Total Volume	BBi

Type: \_\_\_\_\_  
 Pad:Bbl -Gal \_\_\_\_\_  
 Calc.Disp Bbl \_\_\_\_\_  
 Actual Disp. **377 207 4**  
 Disp:Bbl \_\_\_\_\_  
 2/1 14/ 11  
 #VALUE!

Frac Ring #1 \_\_\_\_\_ Frac Ring #2 \_\_\_\_\_ Frac Ring #3 \_\_\_\_\_ Frac Ring #4 \_\_\_\_\_

**THE INFORMATION STATED HEREIN IS CORRECT**  
 CUSTOMER REPRESENTATIVE \_\_\_\_\_  
 SIGNATURE *Kenny Parks*

<b>HALLIBURTON JOB LOG</b>		TICKET # <b>2938468</b>	TICKET DATE <b>02/23/04</b>
REGION <b>Central Operations</b>	MMA / COUNTRY <b>Mid Continent/USA</b>	BDA / STATE <b>MC/Ks</b>	COUNTY <b>STEVENS</b>
MBU ID / EMPL # <b>MCL1013 106304</b>	H.E.S. EMPLOYEE NAME <b>Kirby Harper</b>	PSL DEPARTMENT <b>Cement</b>	
LOCATION <b>LIBERAL</b>	COMPANY <b>ANADARKO PETROLEUM CORP</b>	CUSTOMER REF / PHONE <b>KENNY PARKS 629-5136</b>	
TICKET AMOUNT <b>\$7,063.44</b>	WELL TYPE <b>01 Oil</b>	AP/UWI #	
WELL LOCATION <b>W. OF LIBERAL, KS</b>	DEPARTMENT <b>CEMENT</b>	JOB PURPOSE CODE <b>Plug to Abandon</b>	
LEASE NAME <b>HEINTZ</b>	Well No. <b>D-2</b>	RES FACILITY (CLOSEST TO WELL S) <b>Liberal Ks.</b>	

HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS
Harper, K 241985	3.5						
Davis, T 106304	5						
Torres, J 295373	4						

Char No	Time	Rate (BPM)	Volume (BBL/GAL)	Rate (GPM)	Pressure (PSI)	Job Description / Remark
	1800					CALLED OUT FOR JOB
	1730					PRE TRIP SAFETY MEETING
	1830					ON LOCATION JOB SITE ASSESSMENT
	1845					SPOT AND RIG UP EQUIPMENT
	1945					PRE JOB SAFETY MEETING
						PLUG @ 3230'
	2000					HOOK UP TO PUMP TRUCK
	2002	6.0	15.0		450	START PUMPING FRESH WATER SPACER
	2004	6.0	27.0		400	START MIXING 100 SKS 40/60 POZ H @ 13.5#
	2008	6.0	5.0		50	START PUMPING FRESH WATER SPACER
	2010	6.0	32.0		100	START PUMPING MUD DISPLACEMENT
	2016					KNOCK LOOSE-----START LAYING DOWN DRILL PIPE
						PLUG @ 1780'
	2055					HOOK UP TO PUMP TRUCK
	2058	6.0	10.0		200	START PUMPING FRESH WATER SPACER
	2101	6.0	14.0		250	START MIXING 50 SKS OF 40/60 POZ H @ 13.5#
	2103	6.0	3.5		50	START PUMPING FRESH WATER DISPLACEMENT
	2105	6.0	16.5		100	START PUMPING MUD DISPLACEMENT
	2110					KNOCK LOOSE-----START LAYING DOWN DRILL PIPE
						PLUG @ 600'
	2140					HOOK UP TO PUMP TRUCK
	2141	6.0	25.0		100	START PUMPING FRESH WATER SPACER
	2147	6.0	11.0		100	START MIXING 40 SKS OF 40/60 POZ H @ 13.5#
	2149	6.0	4.0		50	START DISPLACING WITH FRESH WATER
	2152					KNOCK LOOSE-----START LAYING DOWN DRILL PIPE
						SET PLUG @ 40'
	2230	3.0	3.0			PUMP 10 SKS OF 40/60 POZ H @13.5
	2235	3.0	4.0			PLUG RAT HOLE WITH 15 SKS OF 40/60 POZ H @13.5
	2240	3.0	3.0			PLUG MOUSE HOLE WITH 10 SKS OF 40/60 POZ H @13.5
						RECEIVED KANSAS CORPORATION COMMISSION
						JUN 25 2004
						CONSERVATION DIVISION WICHITA, KS
						THANK YOU FOR CALLING HALLIBURTON KIRBY AND CREW

# HALLIBURTON JOB SUMMARY

REGION <b>Central Operations</b>	NWA / COUNTRY <b>Mid Continent/USA</b>	BDA / STATE <b>MC/Ks</b>	02/14/04
MBU ID / EMPL # <b>MCL / IO104</b>	H.E.S. EMPLOYEE NAME <b>JOHN WOODROW</b>	COUNTY <b>HASKELL</b>	
LOCATION <b>LIBERAL</b>	COMPANY <b>ANADARKO PETROLEUM CORP</b>	PSL DEPARTMENT <b>Cement</b>	
TICKET AMOUNT <b>\$13,904.13</b>	WELL TYPE <b>01 Oil</b>	CUSTOMER REP / PHONE <b>KENNY PARKS 620-629-5136</b>	
WELL LOCATION <b>HUGOTON,KS.</b>	DEPARTMENT <b>CEMENT</b>	SAP BOMB NUMBER <b>7521</b>	Cement Surface Casing
LEASE NAME <b>HEINTZ</b>	Well No. <b>D-2</b>	SEC / TWP / RNG <b>4 - 35S - 38W</b>	HES FACILITY (CLOSEST TO WELL SITE) <b>LIBERAL,KS.</b>

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
<b>Woodrow, J 105848</b>	5.0	<b>Berumen, E 467604</b>	5.0	
<b>Oliphant, C 243055</b>	5.0	<b>Torres, J 295373</b>	5.0	
<b>RECEIVED</b>				
<b>KANSAS CORPORATION COMMISSION</b>				
<b>JUN 25 2004</b>				

H.E.S. UNIT #S / (R/T MILES)	R/T MILES	R/T MILES	R/T MILES	R/T MILES
<b>10415641</b>	<b>52</b>	<b>10011406 / 10011277</b>	<b>13</b>	
<b>10011407 / 10011306</b>	<b>52</b>	<b>10244148 / 10286731</b>	<b>13</b>	
<b>CONSERVATION DIVISION WICHITA, KS</b>				

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_  
 Form. Thickness \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
 Packer Type \_\_\_\_\_ Set At \_\_\_\_\_  
 Bottom Hole Temp. \_\_\_\_\_ Pressure \_\_\_\_\_  
 Retainer Depth \_\_\_\_\_ Total Depth **1755**

Date	Called Out	On Location	Job Started	Job Completed
	<b>2/15/2004</b>	<b>2/15/2004</b>	<b>2/15/2004</b>	<b>2/15/2004</b>
Time	<b>0030</b>	<b>0330</b>	<b>0632</b>	<b>0745</b>

Type and Size	Qty	Make
Float Collar <b>INSERT 8 5/8</b>	<b>1</b>	<b>H</b>
Float Shoe		
Centralizers <b>REG 8 5/8</b>	<b>5</b>	<b>A</b>
Top Plug <b>5-W 8 5/8</b>	<b>1</b>	
HEAD <b>Q/L 8 5/8</b>		<b>L</b>
Limit clamp	<b>1</b>	
Weld-A		<b>C</b>
Guide Shoe <b>REG 8 5/8</b>	<b>1</b>	
BASKET	<b>1</b>	<b>O</b>

Well Data	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing		<b>24#</b>	<b>8 5/8"</b>		<b>GL</b>	<b>1,755</b>	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			<b>12 1/4"</b>				
Perforations							<b>Shots/Ft.</b>
Perforations							
Perforations							

Materials	Density	Lb/Gal
Mud Type		
Disp. Fluid		
Prop. Type	Size	Lb
Prop. Type	Size	Lb
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
<b>2/15</b>		<b>2/15</b>		<b>Cement Surface Casing</b>
				<b>SEE JOB LOG</b>
<b>Total</b>		<b>Total</b>		

Ordered	Hydraulic Horsepower Avail. _____	Used
Treating	Average Rates in BPM Disp. _____	Overall
Feet <b>45</b>	Cement Left in Pipe Reason _____	<b>SHOE JOINT</b>

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	450	MIDCON C		3% CC - 1/2# FLOCELE - .1% FWCA			
2	150	PREM PLUS		2% CC - 1/4# FLOCELE	17.98	2.94	11.40
3					6.30	1.34	14.80
4							

Summary				
Circulating Breakdown	Displacement	Preflush:	BBI	Type:
Lost Returns-Y	MAXIMUM	Load & Bkdn:	Gal - BBI	Pad:Bbl -Gal
Cmt Rtrn#Bbl	Lost Returns-N	Excess /Return	BBI	Calc. Disp Bbl
Average	Actual TOC	Calc. TOC:		Actual Disp.
Shut In: Instant	Frac. Gradient	Treatment:	Gal - BBI	Disp:Bbl
	5 Min.	Cement Slurry	BBI	
	15 Min.	Total Volume	BBI	

Frac Ring #1 \_\_\_\_\_ Frac Ring #2 \_\_\_\_\_ Frac Ring #3 \_\_\_\_\_ Frac Ring #4 \_\_\_\_\_  
 THE INFORMATION STATED HEREIN IS CORRECT  
 CUSTOMER REPRESENTATIVE \_\_\_\_\_  
 SIGNATURE \_\_\_\_\_

<b>HALLIBURTON JOB LOG</b>		TICKET # <b>2921430</b>	TICKET DATE <b>02/14/04</b>
REGION <b>Central Operations</b>	NWA / COUNTRY <b>Mid Continent/USA</b>	BDA / STATE <b>MC/Ks</b>	COUNTY <b>HASKELL</b>
MBU ID / EMPL # <b>MCL / 10104</b>	H.E.S. EMPLOYEE NAME <b>JOHN WOODROW</b>	PSL DEPARTMENT <b>Cement</b>	
LOCATION <b>LIBERAL</b>	COMPANY <b>ANADARKO PETROLEUM CORP</b>	CUSTOMER REP / PHONE <b>KENNY PARKS 620-629-5136</b>	
TICKET AMOUNT <b>\$13,904.13</b>	WELL TYPE <b>01 Oil</b>	API/JWI #	
WELL LOCATION <b>HUGOTON,KS.</b>	DEPARTMENT <b>CEMENT</b>	JOB PURPOSE CODE <b>Cement Surface Casing</b>	
LEASE NAME <b>HEINTZ</b>	Well No. <b>D-2</b>	SEG / TWP / RNG <b>4 - 35S - 38W</b>	
		HES FACILITY (CLOSEST TO WELL) <b>LIBERAL,KS.</b>	

HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS
Woodrow, J 105848	8	Berumen, E 467604	8				
Oliphant, C 243055	8	Torres, J 295373	8				

Chart No.	Time	Rate (BPM)	Volume (BBL/GAL)	Rate		Press. (PSI)		Job Description / Remarks
				N2	CSG	Top	Bot	
	0430							JOB READY
	0030							CALLED OUT FOR JOB
	0330							PUMP TRUCK & BULK CMT. ON LOCATION
	0345							PRE JOB SITE ASSESMENT / SPOT EQUIP. / RIG UP
	" "							RIG TRIPPING OUT DRILL PIPE
	0430							HOLD PRE JOB SAFETY MEETING
	0445							START RUNNING 8 5/8 CASING & FLOAT EQUIP.
	0600							CASING ON BOTTOM ( 1755 FT. ) GL
	0610							HOOK UP 8 5/8 P/C & CIRCULATING IRON
	0615							START CIRCULATING WITH RIG PUMP
	0630							THROUGH CIRCULATING / HOOK UP TO PUMP TRUCK
								( JOB PROCEDURE )
	0632				1500			TEST PUMP & LINES
	0634	6.0	235.0		250-150			START MIXING 450 SKS LEAD CMT. @ 11.4#/GAL
	0707	5.0	35.0		135-150			START MIXING 150 SKS TAIL CMT. @ 14.8#/GAL
	0714							THROUGH MIXING CMT. / SHUT DOWN
	0715	6.0			80			RELEASE PLUG / START DISPLACING
	0726		50.0		250			HAVE 50 BBL. OUT / HAVE CMT RETURNS TO SURFACE
	0735	2.0	95.0		480-432			HAVE 95 BBL. OUT / SLOW RATE TO 2 BPM
	0745				460			MAX LIFT PRESSURE BEFORE LANDING PLUG
	0745		110.0		1000			PLUG DOWN / RELEASE FLOAT
								FLOAT HELD
								CIRCULATED 60 BBL. 114 SKS
								THANK YOU FOR CALLING HALLIBURTON !!!!
								( WOODY & CREW )
								RECEIVED
								KANSAS CORPORATION COMMISSION
								JUN 25 2004
								CONSERVATION DIVISION
								WICHITA, KS

