



Operator Name: ANADARKO PETROLEUM CORPORATION Lease Name: HJV BUTCHER "A" Well #: 1

Sec. 29 Twp. 32 S. R. 38 East  West County: STEVENS

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 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:

CBL, DIL, CNL-LDT, ML, SONIC.

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
CHASE	2478	711
COUNCIL GROVE	2790	399
B/HEEBNER	4021	-832
MARMATON	4845	-1656
MORROW	5609	-2420
STE. GENEVIEVE	6181	-2992
ST. LOUIS	6279	-3090

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
SURFACE	12-1/4"	8-5/8"	21.8	1745	P+MC/P+	400/125	3%CC, .1%FWCA, 1/2 PPS FC/2%CC, 1/4PPS FC.
PRODUCTION	7-7/8"	5-1/2"	15.5	6413	50/50 POZ	25/170	10% SALT, .6% HALAD 322, 1/4PPS FC/SAME.

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
4	6307-19, 6342-46. CIBP @ 6295.	ACID: 4000 GAL 15% HCL	6307-6346 (OA)
6	6066-76. CIBP @ 6055.	ACID: 1800 GAL 7 1/2% MCA.	6066-76
		FRAC: 48435 GAL FOAM & 60000# 20/40 SD.	6066-76
6	5984-98.	FRAC: 52000 GAL FOAM & 125000# 20/40 SD.	5984-98.

TUBING RECORD	Size 2-3/8	Set At 5935	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr. 5-15-2003	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls. 300	Gas Mcf 1472	Water Bbls.	Gas-Oil Ratio 4907	Gravity
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Disposition of Gas  Vented  Sold  Used on Lease (If vented, Sumit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify)

Production Interval 5984-98.

# HALLIBURTON JOB SUMMARY

REGION: <b>Central Operations</b>	NWA / COUNTRY: <b>Mid Continent/USA</b>	SALES ORDER NUMBER: <b>2355543</b>	TICKET DATE: <b>03/26/03</b>
MBU ID / EMPL #: <b>MCLI 0110 / 217398</b>	H.E.S. EMPLOYEE NAME: <b>MICKEY COCHRAN</b>	BDA / STATE: <b>MC/Ks</b>	COUNTY: <b>STEVENS</b>
LOCATION: <b>LIBERAL</b>	COMPANY: <b>ANADARKO PETROLEUM CORPORA</b>	PSL DEPARTMENT: <b>Cement</b>	<b>ORIGINAL</b>
TICKET AMOUNT: <b>\$9,298.01</b>	WELL TYPE: <b>01 Oil</b>	CUSTOMER REP / PHONE: <b>STEVE BARTEL</b>	
WELL LOCATION: <b>HUGOTON</b>	DEPARTMENT: <b>ZI</b>	SAP BOMB NUMBER: <b>7521</b>	Cement Surface Casing
LEASE NAME: <b>HJV BUTCHER</b>	Well No.: <b>A-1</b>	SEC / TWP / RNG: <b>29 - 32S - 38W</b>	HES FACILITY (CLOSEST TO WELL SITE): <b>LIBERAL, KS</b>

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
<b>Clemens, A 198516</b>	3.5			
<b>Cochran, M 217398</b>	3.5			
<b>Archuleta, M 226383</b>	3.5			
<b>Ferguson, R 106154</b>	3.5			

H.E.S. UNIT #S / (R/T MILES)	R/T MILES	R/T MILES	R/T MILES	R/T MILES
<b>421269</b>	<b>80</b>			
<b>10251403</b>	<b>80</b>			
<b>10243558/10011277</b>	<b>10</b>			
<b>10240236/10240245</b>	<b>10</b>			

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
	<b>3/25/2003</b>	<b>3/25/2003</b>	<b>3/26/2003</b>	<b>3/26/2003</b>
Time	<b>2000</b>	<b>2100</b>	<b>0118</b>	<b>0330</b>

Type and Size	Qty	Make
Float Collar <b>INSERT</b>	<b>1</b>	<b>HES</b>
Float Shoe		
Centralizers		
Top Plug	<b>1</b>	
HEAD	<b>1</b>	
Limit clamp		
Weld-A	<b>1</b>	
Guide Shoe	<b>1</b>	
BTM PLUG	<b>1</b>	

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	<b>NEW</b>	<b>24.0</b>	<b>8</b>	<b>5/8</b>	<b>0</b>	<b>1,757</b>	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			<b>12 1/4</b>				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 _____	In _____
Perfpac Balls _____	Qty. _____	
Other _____		
Other _____		
Other _____		
Other _____		

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
<b>3/25</b>	<b>3.5</b>	<b>3/26</b>	<b>1.5</b>	<input checked="" type="checkbox"/> Cement Surface Casing
<b>Total</b>	<b>3.5</b>	<b>Total</b>	<b>1.5</b>	

Ordered \_\_\_\_\_ Hydraulic Horsepower \_\_\_\_\_ Avail. \_\_\_\_\_ Used \_\_\_\_\_  
 Treating \_\_\_\_\_ Average Rates in. BPM \_\_\_\_\_ Disp. \_\_\_\_\_ Overall \_\_\_\_\_  
 Feet **45** Cement Left in Pipe \_\_\_\_\_ Reason **SHOE JOINT**

Cement Data				Additives			W/Rq.	Yield	Lbs/Gal
Stage <b>1</b>	Sacks <b>400</b>	Cement <b>MIDCON C</b>	Bulk/Sks	<b>3% CC - 1/2# FLOCELE - .1% FWCA</b>			<b>17.98</b>	<b>2.94</b>	<b>11.40</b>
<b>2</b>	<b>125</b>	<b>PREM PLUS</b>		<b>2% CC - 1/4# FLOCELE</b>			<b>6.30</b>	<b>1.34</b>	<b>14.80</b>
<b>3</b>									
<b>4</b>									

Summary									
Circulating _____	Displacement _____	Preflush: <b>BBI</b>	<b>5.00</b>	Type: <b>FRESH</b>					
Breakdown _____	<b>MAXIMUM</b>	Load & Bkdn: Gal - <b>BBI</b>		Pad: Bbl - Gal _____					
Lost Returns _____	Lost Returns _____	Excess /Return <b>BBI</b>		Calc. Disp Bbl _____					
Cmt Rtrn#Bbl _____	Actual TOC _____	Calc. TOC: _____		Actual Disp. <b>109</b>					
Average _____	Frac. Gradient _____	Treatment Gal - <b>BBI</b>		Disp: Bbl _____					
Shut In: Instant _____	5 Min. _____	Cement Slurry <b>BBI</b>	<b>239.0</b>						
	15 Min. _____	Total Volume <b>BBI</b>	<b>353.00</b>						

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

THE INFORMATION STATED HEREIN IS CORRECT  
 CUSTOMER REPRESENTATIVE *Larry Parks* SIGNATURE



# HALLIBURTON JOB SUMMARY

SALES ORDER NUMBER <b>2375846</b>	TICKET DATE <b>04/03/03</b>
BDA / STATE <b>MC/KS</b>	COUNTY <b>STEVENS</b>
PSL DEPARTMENT <b>Cement</b>	CUSTOMER REP / PHONE <b>KENNY PARKS 806-679-0164</b>
SAP BOMB NUMBER <b>7523</b>	Cement Production Casing
HES FACILITY (CLOSEST TO WELL SITE) <b>LIBERAL, KS</b>	

REG/OFF <b>Central Operations</b>	WELL / COUNTRY <b>W-14 Continent/USA</b>
WELL ID / EMPL # <b>MCL1 0110 / 198516</b>	EMPLOYEE NAME <b>UNSON CLEMENS</b>
LOCATION <b>LIBERAL</b>	COMPANY <b>ANADARKO PETROLEUM CORPORA</b>
TICKET AMOUNT <b>\$7,336.02</b>	WELL TYPE <b>01 Oil</b>
WELL LOCATION <b>HUGOTON</b>	DEPARTMENT <b>Z1</b>
LEASE NAME <b>HJV BUTCHER</b>	Well No. <b>A-1</b>
	SEC / TWP / RNG <b>29 - 32S - 38W</b>

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KCC  
JUN 10 2003

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Clemens, A 198516	8.0			
Cochran, M 217398	8.0			
Bermen, E 287804	8.0			

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
421269	80			
10251403	80			
10010748/10011540	10			

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
	4/3/2003	4/3/2003	4/3/2003	4/3/2003
Time	800	1200	1611	1730

**Tools and Accessories**

Type and Size	Qty	Make
Float Collar	1	HES
Float Shoe	1	
Centralizers	20	
Top Plug	1	
HEAD	1	
Limit clamp	1	
Weld-A	1	
Guide Shoe		
BTM PLUG		

**Well Data**

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	N	16.5	6 1/2		0	6,426	
Liner							
Liner							
Tubing							
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	
Perpac Balls	Qty.	
Other		
Other		
Other		
Other		

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
4/3	5.5	4/3	1.0	Cement Production Casing
Total	5.5	Total	1.0	

**RECEIVED**  
 KANSAS CORPORATION COMMISSION  
 JUN 11 2003  
 CONSERVATION DIVISION  
 WASHINGTON, MO

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

**Cement Data**

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	25	50/60 POZ H		2% TOTAL GEL - 10% SALT - 6/10% HALAD-322 - 1/4# FLOCELE	40.45	6.07	10.00
2	170	50/60 POZ H		2% TOTAL GEL - 10% SALT - 6/10% HALAD-322 - 1/4# FLOCELE	5.58	1.26	14.40
3	25	50/60 POZ H		2% TOTAL GEL - 10% SALT - 6/10% HALAD-322 - 1/4# FLOCELE (TO PLUG)	5.58	1.26	14.40
4				PRESSURE TEST CASING TO 2000 PSI			

**Summary**

Circulating Breakdown	Displacement	Preflush: BBl	5.00	Type: FRESH
Lost Returns	MAXIMUM	Load & Bkdn: Gal - BBl		Pad:Bbl -Gal
Cmt Rtrn#Bbl	Lost Returns	Excess /Return BBl		Calc. Disp Bbl
Average	Actual TOC	Calc. TOC:		Actual Disp. 152
Shut In: Instant	Frac. Gradient	Treatment: Gal - BBl		Disp: Bbl
	5 Min. 15 Min.	Cement Slurry BBl	71.0	
		Total Volume BBl	228.00	

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

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

CONFIDENTIAL

KCC  
JUN 10 2003

ORIGINAL

<b>HALLIBURTON JOB LOG CONFIDENTIAL</b>			TICKET # <b>2375846</b>	TICKET DATE <b>04/03/03</b>
REGION <b>Central Operations</b>	NWA / COUNTRY <b>Mid Continent/USA</b>	BDA / STATE <b>MC/Ks</b>	COUNTY <b>STEVENS</b>	
NBU ID / EMPL # <b>MCLI 0110 / 198516</b>	H.E.S. EMPLOYEE NAME <b>JASON CLEMENS</b>	PSL DEPARTMENT <b>Cement</b>		
LOCATION <b>LIBERAL</b>	COMPANY <b>ANADARKO PETROLEUM CORPO</b>	CUSTOMER REP / PHONE <b>KENNY PARKS</b>	<b>806-679-0164</b>	
TICKET AMOUNT <b>\$7,336.02</b>	WELL TYPE <b>01 Oil</b>	API/UWI #		
WELL LOCATION <b>HUGOTON</b>	DEPARTMENT <b>ZI</b>	JOB PURPOSE CODE <b>Cement Production Casing</b>		
LEASE NAME <b>HJV BUTCHER</b>	Well No. <b>A-1</b>	SEC / TWP / RNG <b>29 - 32S - 38W</b>	HES 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
Clemens, A 198516	8						
Cochran, M 217398	6						
Bermen, E 267804	8						

Chart No.	Time	Rate (BPM)	Volume (BBL/GAL)	Rate			Press. (PSI)		Job Description / Remarks
				N2	CSG	Tbg	CSG	Tbg	
	1100								ARRIVE ON LOCATION
	1115								PRE JOB SAFETY MEETING
	1130								SPOT EQUIPMENT
	1230								START F.E.
	1530								CASING ON BOTTOM / CIR WITH RIG
	1631						2500		PRESSURE TEST
	1633	4.0	5.0				200		START SPACER.....FRESH
	1634	6.0	27.0				100		START LEAD 25 SKS @ 10#
	1638	6.0	38.0				100		START TAIL 170 SKS @ 14.4#
	1646								WASH LINES
	1648								DROP PLUG
	1650	7.0	152.0				75		START DISPLACEMENT W/ 4% KCL
	1708	6.0	125.0				200		CAUGHT CEMENT
	1711	2.0	142.0				500		SLOW RATE
	1716	2.0	152.0				1000		LAND PLUG
	1718						2000		RELEASE PRESSURE / TEST CASING
	1721								END JOB
							550		PRESSURE BEFORE LANDING PLUG
	1611	2.0	6.0						PLUG RAT & MOUSE

RECEIVED  
KANSAS CORPORATION COMMISSION  
JUN 11 2003  
CONSERVATION DIVISION  
WICHITA, KS

THANKS JASON & CREW.

6-10-2004

ANADARKO PETROLEUM CORPORATION

PHONE 806-457-4600 • 701 S. TAYLOR ST. • SUITE 400 • AMARILLO, TEXAS 79101



Release  
JUL 30 2004  
From  
Confidential

June 10, 2003

**CONFIDENTIAL**

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

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CONS  
JUN 11 2003  
CONSERVATION DIVISION  
WICHITA, KS

Attn: Sharon Ahtone

Re: HJV Butcher "A" No. 1  
Section 29-32S-38W  
Stevens County, Kansas

Dear Ms. Ahtone:

Attached in triplicate is the Affidavit of Completion (ACO-1 Well History), a set of well logs and cementing tickets for the above referenced well.

It is requested that this information remain **confidential** for a period of **one year**.

If you have any questions, please advise.

Very truly yours,

L. Marc Harvey  
Engineering Technician III  
LMH

Enclosures

cc: AWF  
WI Owners  
JTC