

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 4549

Name: ANADARKO PETROLEUM CORPORATION

Address P. O. BOX 351

City/State/Zip LIBERAL, KANSAS 67905-0351

Purchaser: NONE-SHOW

Operator Contact Person: DAVID W. KAPPLER

Phone (316) 624-6253

Contractor: Name: NORSEMAN DRILLING

License: 3779

Wellsite Geologist: _____

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBTB

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

4-13-97 4-23-97 6-16-97

Spud Date 4-13-97 Date Reached TD 4-23-97 Completion Date 6-16-97

API NO. 15- 189-221550000

County STEVENS

C - NW - NW - NW Sec. 2 Twp. 32 Rge. 39 X E

330 Feet from NW (circle one) Line of Section

330 Feet from XNW (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name VANSELOUS "A" Well # 6

Field Name YOUNGREN NW

Producing Formation MORROW

Elevation: Ground 3210.8 KB _____

Total Depth 6230 PBTB 6109

Amount of Surface Pipe Set and Cemented at 1699 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 2920 Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan Att. 1, 4-2-98 U.C.
(Data must be collected from the Reserve Pit)

Chloride content 800 ppm Fluid volume 700 bbls

Dewatering method used DRY, BACKFILL & RESTORE LOCATION

Location of fluid disposal if hauled offsite: A

Operator Name 8-17-97

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ 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.

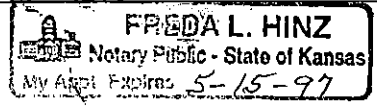
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature L. Marc Harvey
Title DRILLING TECHNICAL ASSISTANT Date 8-7-97

Subscribed and sworn to before me this 7th day of August
19 97.

Notary Public Freda L. Hinz

Date Commission Expires _____



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

ORIGINAL

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name VANSELOUS "A" Well # 6

Sec. 2 Twp. 32 Rge. 39 [] East [x] 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 log.

Drill Stem Tests Taken [] Yes [x] No (Attach Additional Sheets.)

Samples Sent to Geological Survey [x] Yes [] No

Cores Taken [] Yes [x] No

Electric Log Run [x] Yes [] No (Submit Copy.)

List All E.Logs Run: SBT-CCL-GR, DIL, ML, CNL-LDT, SONIC.

[x] Log Formation (Top), Depth and Datums [] Sample

Table with 3 columns: Name, Top, Datum. Lists well names and their corresponding top and datum depths.

CASING RECORD

[x] New [] Used Report all strings set-conductor, surface, intermediate, production, etc.

Table with 8 columns: 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. Includes rows for SURFACE and PRODUCTION.

ADDITIONAL CEMENTING/SQUEEZE RECORD

Table with 5 columns: Purpose, Depth, Type of Cement, #Sacks Used, Type and Percent Additives. Includes rows for Perforate, Protect Casing, Plug Back TD, and Plug Off Zone.

Table with 3 columns: 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. Includes rows for shots at 5808-5816, 5807-5813, and 5440-5450.

TUBING RECORD table with 5 columns: Size, Set At, Packer At, Liner Run [] Yes [x] No.

Date of First, Resumed Production, SWD or Inj. SHUT IN OIL WELL Producing Method [] Flowing [x] Pumping [] Gas Lift [] Other (Explain)

Table with 5 columns: Estimated Production Per 24 Hours, Oil Bbls., Gas TSTM Mcf, Water Bbls., Gas-Oil Ratio TSTM, Gravity.

Disposition of Gas: [] Vented [] Sold [x] Used on Lease (If vented, submit ACO-18.) METHOD OF COMPLETION: [] Open Hole [x] Perf. [] Dually Comp. [] Commingled [] Other (Specify) Production Interval: 5807-5813



JOB LOG 4239-5

TICKET #	TICKET DATE
BDA / STATE	COUNTY
PSL DEPARTMENT	
CUSTOMER REP / PHONE	
API / UWI #	
JOB PURPOSE CODE	

REGION	NW/COUNTRY
MBU ID / EMP #	EMPLOYEE NAME
LOCATION	COMPANY
TICKET AMOUNT	WELL TYPE
WELL LOCATION	DEPARTMENT
LEASE / WELL #	SEC / TWP / RNG

ORIGINAL

HES EMP NAME/EMP#(EXPOSURE HOURS)	HES EMP NAME/EMP#(EXPOSURE HOURS)	HES EMP NAME/EMP#(EXPOSURE HOURS)	HES EMP NAME/EMP#(EXPOSURE HOURS)

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psf)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	1330							CALLED OUT
	1630							ON LOCATION - Circulating
	2248							Rig up to circulate
	2251	6.6	186		✓	0/200		Pump LEAD CEMENT - Premium PLUS MIDCON 3% CC 1/4" SK FLOCELS
	2317	4.7	23.5		-	180/230		Pump TAIL CEMENT - Premium PLUS 2% CC 4" SK FLOCELS
	2322							SHUT DOWN - DROP PLUG
	2325		107.2		✓	0/300		Pump Displacement - H ₂ O
	2343							SLOW DOWN
	2345							PLUG LANDED - FOOT HELD.
								CIRCULATED 90 RBBS OF CEMENT TO PIT

11/15/71
 WOODROW NICHOLS
 SUPERVISOR

THANKS FOR CALLING HALLIBURTON
 NICHOLS, WOODROW, CRANCE

184032

4-25-97

REGION North America	NWA/COUNTRY MID CONTINENT	BDA / STATE Ks.	COUNTY STEVENS
MBU ID / EMP # H10101 D4604	EMPLOYEE NAME Tim BROADFOOT	PSL DEPARTMENT CEMENT	
LOCATION Liberal Ks.	COMPANY ANADARKO PETROLEUM	CUSTOMER REP / PHONE STEVE KIDENHOUR	
TICKET AMOUNT 13121.63	WELL TYPE 01 - 01L	API / UWI # 15-129-21503000	
WELL LOCATION RAND	DEPARTMENT CEMENT	JOB PURPOSE CODE 035 LONG STRING	
LEASE / WELL # VANSELIOUS A-6	SEC / TWP / RNG 2 - 32S - 39W		

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
T. BROADFOOT D4604			
S. GRANT H4639			
R. KECK H8815			

ORIGINAL

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
420045	114						
52947-75496	114						
4037-75817	50						

Form Name Packer Type: _____
 Form Thickness 9s From _____ To _____
 Packer Type ERT COLLAR Set At 2920
 Bottom Hole Temp. _____ Pressure _____
 Misc. Data _____ Total Depth _____

DATE	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
4-24-97	0900	4-24-97	4-24-97	4-25-97
			2400	0130

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar <u>INSERT</u>	1	<u>A</u>
Float Shoe <u>FULL W</u>	1	
Guide Shoe <u>REGULAR</u>	1	<u>O</u>
Centralizers <u>S-4</u>	15	
Bottom Plug		<u>W</u>
Top Plug <u>5W</u>	1	
Head <u>CMT-BASKET</u>	1	<u>C</u>
Packer		
Other <u>Super Flush</u>	10	<u>S</u>

WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	N	15.5	5 1/2	GL. 6217.36		
Liner <u>CSG</u>	U	23	8 5/8	GL. 1700		
Tbg/D.P.						
Open Hole			7 7/8	1700	6230	SHOTS/FT.

MATERIALS

Treat Fluid	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb.
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.	

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
				Cmt: 5 1/2 Long String
TOTAL		TOTAL		

HYDRAULIC HORSEPOWER

ORDERED Avail. _____ Used _____

TREATED AVERAGE RATES IN BPM

FEET 44.01 CEMENT LEFT IN PIPE Reason SHOE JT

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIONS	YIELD	LBS/GAL
1	80	MIDCON Plus	B	270 C.C. 1/4" SK FLOCELE	2.0	12.8
1	155	PREM VERSASET	B	9 1/2% VERSASET - 5% KCL - 6/10% MIDCON 322 - 1/4" FLOCELE	1.41	14.5
2	25	MIDCON Plus	B	270 C.C. - 1/4" SK FLOCELE Mono-Ratio	2.0	12.8

Circulating _____	Displacement _____	Preflush: Gal (BBI) <u>8-10-8</u>	Type <u>Super Flush</u>
Breakdown _____	Maximum _____	Load & Bkdn: Gal - BBI	Pad: BBI - Gal
Average _____	Frac Gradient _____	Treatment Gal - BBI	Disp: (BBI) Gal <u>147</u>
Shut In: Instant _____	5 Min _____ 15 Min _____	Cement Slurr Gal (BBI) <u>9-28.5-39</u>	Total Volume Gal - BBI

Frac Ring #1 _____ Frac Ring #2 _____ Frac Ring #3 _____ Frac Ring #4 _____

THE INFORMATION STATED HEREIN IS CORRECT

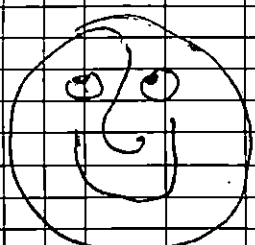
CUSTOMER'S REPRESENTATIVE SIGNATURE Steve Kidanour

REGION North America	NWA/COUNTRY USA	BDA / STATE KS	COUNTY SENECA
MBU ID / EMP # 1114	EMPLOYEE NAME T. BROADFOOT	PSL DEPARTMENT Cement	
LOCATION Liberal, KS	COMPANY Breadfoot Energy	CUSTOMER REP / PHONE Steve Broadfoot	
TICKET AMOUNT 13121.63	WELL TYPE OIL - GAS	API / UWI # 15-129-215030000	
WELL LOCATION Liberal	DEPARTMENT Cement	JOB PURPOSE CODE 03	
LEASE / WELL # 1114	SEC / TWP / RNG 2 - 52 - 3111		

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
R. Keck 18815			

ORIGINAL

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	0900							READY NOW - BECAUSE OF MUD - CALLED EARLY
	1200							ON HOCT - PUTTING ON RACKS - CIRCULATING
	1930							ON BOTTOM START CSG IN HOLE
	2252							HOOK UP CMT HEAD
	2304							CIRCULATION TO PIT - SAFETY MEETING MIX Super FLUSH
	2400							HOOK UP TO CMT LINE
0006						1800		PRESSURE TEST LINES
0013	6.5	8				210		Pump A20 SPACER
0014	6.5	10				25		Pump Super FLUSH
0017	6.5	8				250		Pump A20 SPACER
0019	1	4			40	40		Hook up Pump CMT MH
0023		0						SHUT OFF
0027	1/2	4			40	40		Hook up Pump CMT RH
0035		0				0		SHUT OFF
0036	6.75	28.5				240		Hook up Pump LEAD CMT DOWN HOLE 12.8'
0039	6.75	39				280		START TAIL CMT 14.5'
0045		0				0		SHUT OFF WASH UP - DROP PLUG
0052	6.85	137				300		START DISPLACEMENT A20
0112	2	10				710		SLOW RATE 147 TOTAL BBL
0117						1250		PLUG LANDED - FLOAT NEAR JOB OVER



THANKS FOR CALLING
 MALLIBURTON ENERGY SERVICES
 LIBERAL KS.
 HAVE A RAINY - MUDDY NIGHT
 BROADFOOT - GRANT - KECK

TICKET #	14408	TICKET DATE	5-20-97
BDA / STATE	MO / MO	COUNTY	RELEVANT
PSL DEPARTMENT	Cement		
CUSTOMER REP / PHONE			
API / UWI #			
JOB PURPOSE CODE	205		

REGION	North America	NWA/COUNTRY	MO / MO
MBU ID / EMP #		EMPLOYEE NAME	NICHOLAS, LAY
LOCATION		COMPANY	AMERICAN PETRO
TICKET AMOUNT		WELL TYPE	02
WELL LOCATION		DEPARTMENT	CEMENT SMI
LEASE / WELL #	WAGNER A-70	SEC / TWP / RNG	2 32S 37W

ORIGINAL

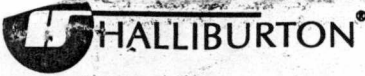
HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS
L. W. D. 253							

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	0422							CALLED OUT - READY 0830
	0800							ON LOCATION
	1045	1.5	1.5	✓		0/112		Pump H ₂ O - OPERATE TO LOADS
	1046							SHUT DOWN
	1047							SHUT TOOL
	1048	.25	.25	✓		0/125		PRESSURE UP - MAKE SURE TOOL IS SHUT
	1049							SHUT DOWN
	1052	1.5	1.5	✓		0/200		PRESSURE UP
	1053							SHUT DOWN
	1054	1.5	1.5	✓		14/150		PRESSURE UP
	1055							SHUT DOWN - RELEASE BACK
	1056			✓		20/150		PRESSURE UP - SET INJECTION RATE 3BPM 450 PSI
	1105	4.1	28.7	✓		125/125		Pump CEMENT - 50 SACKS PREMIUM PLUS MIDCON 2% CACI ₂ 4# PDS FLOCCEL AT 11.1 #/gal
	1113	1.8	10.75	✓		15/100		Pump H ₂ O - DISPLACEMENT
	1117							SHUT DOWN - SHUT TOOL ADD TWO JOINTS OF TUBING
	1120	.25	.25	✓		0/150		PRESSURE UP - MAKE SURE TOOL IS CLOSED
	1121							SHUT DOWN - RELEASE BACK
	1128	2.7	20	✓		0/150		Pump H ₂ O - REVERSE OUT
	1135							SHUT DOWN - JOB DONE

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 KANSAS CORP COMM
 1997 JUN 11 A 1:14

THANK YOU FOR USING HALLIBURTON
ENERGY SERVICES

CREW: NICHOLAS, LAY



JOB LOG 4239-5

TICKET #	137162	TICKET DATE	6-3-97
BDA / STATE	MO	COUNTY	St Louis
PSL DEPARTMENT	2		
CUSTOMER REP / PHONE	JK Stuck		
API / UWI #			
JOB PURPOSE CODE	115		

REGION	North America	NWA/COUNTRY	Mexico
MBU ID / EMP #	0209 D7653	EMPLOYEE NAME	Ron Crist
LOCATION	Liberal	COMPANY	Amoco Petroleum
TICKET AMOUNT	2618.75	WELL TYPE	
WELL LOCATION	W. H. Hargrave	DEPARTMENT	
LEASE / WELL #	W. H. Hargrave A-6	SEC / TWP / RING	2-32S-39W

ORIGINAL

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
R. Crist 137162							
G. L. D. 07157							
D. Crist 67177							

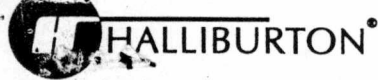
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	1410							Called out # 50340-506 5 1/2 RTTS
	1600							on loc
	1605							Run RTTS in Hole 181 JTS 5684.21'
	1615							Go over Job Plan JK STUCK 1000 PSI
	1710							Max set RTTS at 5684'
	1722							Load Ann
	1749	4	91			500		Ann loaded
	1755		87					Load Tbg
	1801	3	22					Tbg loaded
	1805	2	10			850		shut Down
	1808					300-500		Re Load Ann
	1810							Mix Cmt
	1813							Pump 50SKS 25 w 6/10% Haled 9d 25 Neat
	1819	2	9.4					Shut Down wash Pump & Lines
	1823							Start Displacement on Vacuum
	1825		2					Pump to catch CMT
	1834	2	15			0-1400		caught CMT Shut Down
	1835		1/8			1300-1400		Pump
	1840		1/8			1325-1400		Pump
	1845		1/8			1250-1400		Pump
	1846							Release pressure (Holding)
	1848		1/8			800		Pressure Annuldas
	1850							Pull packer up & Release (Bypass closed)
	1852	1.5	17.5			0-1000		Reverse out
	1903					1200-800		Cement Return Top IT
	1908	1.5	30					Shut Down
	1915							Pull 2 Stands opening Bypass
	1920	1/2	2			0-1000		set packer at 5559 Pressure up
	1927							Holding Shut in Job Ended

Thank you
Ron Crist

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KANSAS CORP COMM
PPT AUG 11 A 1:14

6-3-97
0710
0730
0900

on location
Release packer
out of hole



JOB SUMMARY 4239-1

TICKET # **184369** TICKET DATE **6-12-97**

REGION North America	NWA/COUNTRY MID CONTINENT USA	BDA / STATE OKC KS	COUNTY STEVENS
MBU ID / EMP # LI 0102 62098	EMPLOYEE NAME JASON NICHOLS	PSL DEPARTMENT CEMENT	
LOCATION LIBERAL	COMPANY ANADARKO PETROLEUM	CUSTOMER REP / PHONE	
TICKET AMOUNT	WELL TYPE 02	API / UWI #	ORIGINAL
WELL LOCATION WLD HUGOTON	DEPARTMENT CEMENT	JOB PURPOSE CODE 075	
LEASE / WELL # VANSELOUS A-6	SEC / TWP / RNG 2-32S-39W		

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
C LAV 09259							
MYRON HESTON 71517							

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
53557-7002							
42011							

Form Name _____ Type: _____
 Form Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Misc. Data _____ Total Depth _____

	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE	6-12-97	6-12-97	6-12-97	6-12-97
TIME	0400	0640	0740	

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar		
Float Shoe		
Guide Shoe		
Centralizers		
Bottom Plug		
Top Plug		
Head		
Packer		
Other		

WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	USED	15.5#	5 1/2	GL		
Liner						
Liner						
Tbg/D.P.	USED	47	2 3/4	KB	53343	
Tbg/D.P.						
Open Hole						SHOTS/FT.
Perforations						
Perforations						
Perforations						

MATERIALS

Treat Fluid	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		

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
				SQUEEZE
TOTAL		TOTAL		

ORDERED	HYDRAULIC HORSEPOWER Avail.	Used
TREATED	AVERAGE RATES IN BPM Disp.	Overall
FEET	CEMENT LEFT IN PIPE Reason	SQUEEZE

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
	25	PREM	3	4-5% HALAD-9 ON SIDE	1.06	
	25	PREM	3		1.06	

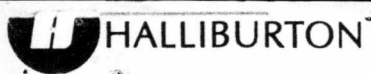
Circulating Displacement _____	Preflush: Gal - BBI _____	Type _____
Breakdown Maximum _____	Load & Bkdn: Gal - BBI _____	Pad: BBI - Gal _____
Average Frac Gradient _____	Treatment Gal - BBI _____	Disp: BBI - Gal 20
Shut In: Instant _____	Cement Slurr Gal - BBI 4.725	4.725 BR
	Total Volume Gal - BBI 4.725	

Frac Ring #1 _____ Frac Ring #2 _____ Frac Ring #3 _____ Frac Ring #4 _____

THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER'S REPRESENTATIVE SIGNATURE _____

RECEIVED
 KANSAS CORP COMM
 1997 JUN 11 A 1:15



JOB LOG 4239-5

TICKET # 104707 TICKET DATE 7/10/07

REGION North America	NWA/COUNTRY MEXICO	BDA / STATE OKLA	COUNTY TULSA
MBU #D / EMP # LI 0172 6244	EMPLOYEE NAME JASON NICHOLS	PSL DEPARTMENT CEMENT	
LOCATION LIBERAL	COMPANY AMER. PETROL. CO.	CUSTOMER REP / PHONE	
TICKET AMOUNT	WELL TYPE 02	API / UWI #	
WELL LOCATION WLD H00000	DEPARTMENT CEMENT	JOB PURPOSE CODE 075	
LEASE / WELL # VANSELON A-G	SEC / TWP / RNG 2-32S-39W		

ORIGINAL

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
C LAY 0159			
MYRON HESTON 1050			

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	0400							ON CALLED OUT
	0630							ON LOCATION
	0740							STARTED PACKER IN THE HOLE
	0917	9	50		✓	50/50		LOAD BACKSIDE PRESSURE UP TO 500 SHUT IN
	0931	10-20	20	✓		50/50		LOAD TUBING
	0951	1.25	5.25			40		ESTABLISH INJECTION RATE 3BPM 200 PSI
			4.8			40		PUMP CEMENT PREMIUM(H) .6% HALLOW - 9 25SKS
	1002							PUMP CEMENT PREMIUM(H) NGHT - 25 SKS
	1006	1.2	12	✓		2030		SHUT DOWN - WASH UP PUMPS & LINES
	1016							PUMP DISPLACEMENT
	1017	.5	.25	✓		2000		SHUT DOWN
	1018							PUMP DISP
	1023	.5	.25	✓		2000		SHUT DOWN
	1024							PUMP DISP.
	1025							SHUT DOWN
	1026	.5	.25	✓		2000		RELEASE PRESSURE
	1028							PRESSURE UP AGAIN
	1030	.5	.5	✓		2000		RELEASE
	1031		30	✓		2000		RELEASE PRESSURE BACKSIDE UP
	1045							REVERSE OUT
	1052							SHUT DOWN
	1055							Full 2 Joints
								Pressure up on back side

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THANK YOU FOR CALLING HALLIBURTON ENERGY SERVICES
MICHAEL HESTON, CRIS LAY