

**CONFIDENTIAL**

**ORIGINAL**

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/D&A

Operator Contact Person: J. L. ASHTON

Phone ( 316 ) 624-6253

Contractor: Name: CHEYENNE DRILLING

License: 5382

Wellsite Geologist: N/A

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. \_\_\_\_\_

8/31/96 9/8/96 10/5/96

Spud Date Date Reached TD Completion Date

API NO. 15- 119-20968-0000

County MEADE

SE SW Sec. 18 Twp. 32 Rge. 29 X W

660 Feet from X (S) (circle one) Line of Section

1980 Feet from X (W) (circle one) Line of Section

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

Lease Name PEARSON "B" Well # 1

Field Name ANGELL

Producing Formation NONE/D&A

Elevation: Ground 2716.5 KB --

Total Depth 6150 PBTB 5300

Amount of Surface Pipe Set and Cemented at 1628 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 D&A 9K 11-6-97  
(Data must be collected from the Reserve Pit)

Chloride content 2800 ppm Fluid volume 700 bbls

Dewatering method used NATURAL EVAPORATION

Location of fluid disposal if hauled offsite: NOC

Operator Name **RELEASED** **DEC 20**

Lease Name **SEP 25 1998** License **CONFIDENTIAL**

Quarter Sec. Twp. S Rng. E/W

County **FROM CONFIDENTIAL** 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 David W. Kapple

DAVID W. KAPPLE

Title DIVISION DRILLING ENGINEER Date 12/19/96

Subscribed and sworn to before me this 19<sup>th</sup> day of December 1996.

Notary Public L. Marc Harvey

**L. MARC HARVEY**  
Notary Public - State of Kansas  
My Appt. Expires 6-12-99

Date Commission Expires \_\_\_\_\_

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep <input type="checkbox"/> NGPA
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug <input type="checkbox"/> Other (Specify)

SIDE TWO

CONFIDENTIAL

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name PEARSON "B" Well # 1

Sec. 18 Twp. 32 Rge. 29  East County MEADE  
 West

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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	CHASE	2792	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	COUNCIL GROVE	3032	
List All E.Logs Run: CBL-GR, DIL, CNL-LDT, ML, SONIC.		LANSING	4515	
		KANSAS CITY	4947	
		MARMATON	5128	
		CHEROKEE	5312	
		MORROW	5600	
		CHESTER	5658	
		STE. GENEVIEVE	5911	
		ST. LOUIS	6004	

CASING RECORD							
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	23.0	1628	P+ MIDCON 2/ P+	380/100	3%CC, 1/4#SK FLC/ 2%CC, 1/4#SK FLC.
PRODUCTION	7-7/8	5-1/2	15.5	5300	VERSASET	90	.6% HALAD 322, 5% KCL, 1/4#SK FLC,

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	5132-40	ACID: 800 GAL 15% FEHCL	5132-40

TUBING RECORD **	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. **	Producing Method ** <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

Disposition of Gas: \*\*  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION \*\*  Open Hole  Perf.  Duallly Comp.  Commingled

Production Interval \*\*  Other (Specify) \_\_\_\_\_

\*\*NONE: D&A

**CONFIDENTIAL**

*KCC*

ANADARKO PETROLEUM CORPORATION  
PEARSON ~~18~~ *B-1*  
SECTION 18-T32S-R29W  
MEADE COUNTY, KANSAS

**ORIGINAL**

*15-119-20968*

COMMENCED: 08-31-96  
COMPLETED: 09-10-96

**RELEASED**

**SEP 25 1998**

SURFACE CASING: 1626' OF 8 5/8" CMTD  
W/310 SKS PREMIUM PLUS MIDCON + 3% CC  
+ 1/4#/SK FLOCELE. TAILED IN W/100 SKS  
PREMIUM PLUS + 2% CC + 1/4 #/SK FLOCELE.

**FROM CONFIDENTIAL**

FORMATION	DEPTH
SURFACE HOLE	0 - 1630
RED BED & SHALE	1630 - 1780
SHALE	1780 - 2730
LIMESTONE & SHALE	2730 - 6150 RTD

I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CHEYENNE DRILLING, INC.

*KCC*

*Wray Valentine*

DEC 20

**CONFIDENTIAL**

WRAY VALENTINE

STATE OF KANSAS : ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 11TH DAY OF SEPTEMBER, 1996.

JOLENE K. RUSSELL



*Jolene K Russell*  
NOTARY PUBLIC



**HALLIBURTON JOB SUMMARY**

HALLIBURTON DIVISION  
HALLIBURTON LOCATION: **LIBERAL, KS**

BILLED ON TICKET NO. **106004**

WELL DATA  
FIELD: **CONFIDENTIAL** SEC: **18** TWP: **32S** RNG: **29W** COUNTY: **MEADE** STATE: **KS**

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_  
 FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_  
 INITIAL PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD  
 PRESENT PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD  
 COMPLETION DATE \_\_\_\_\_ MUD TYPE \_\_\_\_\_ MUD WT. \_\_\_\_\_  
 PACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_  
 BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_  
 MISC. DATA \_\_\_\_\_ TOTAL DEPTH \_\_\_\_\_

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	23"	8 7/8	KB	1626	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

**TOOLS AND ACCESSORIES**

TYPE AND SIZE	QTY.	MAKE
Insert FLOAT COLLAR <b>W/FIL 8 7/8</b>	1	<b>NO LOG</b>
FLOAT SHOE		
GUIDE SHOE <b>8 7/8</b>	1	
CENTRALIZERS <b>8 7/8</b>	1	
BOTTOM PLUG		
TOP PLUG <b>8 7/8</b>	1	
HEAD <b>P.C. 8 7/8</b>	1	
PACKER <b>SASRET 8 7/8</b>	1	
OTHER <b>WELD-A</b>	1	

**MATERIALS**

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. °API  
 DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. °API  
 PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.  
 PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.  
 ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %  
 ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %  
 ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %  
 SURFACTANT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN  
 NE AGENT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN  
 FLUID LOSS ADD. TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN  
 GELLING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN  
 FRIC. RED. AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN  
 BREAKER TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN  
 BLOCKING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN  
 PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_  
 OTHER \_\_\_\_\_  
 OTHER \_\_\_\_\_

**JOB DATA**

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <b>9/1/96</b>	DATE <b>9/1/96</b>	DATE <b>9/1/96</b>	DATE <b>9/1/96</b>
TIME <b>04:00</b>	TIME <b>06:00</b>	TIME	TIME

**PERSONNEL AND SERVICE UNITS**

NAME	UNIT NO. & TYPE	LOCATION
<b>DANNY BACON</b> D9366	94453	DUNCAN, OK SPECIAL SERVICES
<b>JOHN FLOFT</b> 85257	52276 7131	DUNCAN, OK SPECIAL SERVICES
<b>SEAN, HILL</b> H3909		SOUTH AFRICA
<b>JOHN ORTEGA</b> H1924	50404 75505	DUNCAN, OK SPECIAL SERVICES
<b>SAM GRANT</b> H4639	3732 6610	HUGOTON, KS

DEPARTMENT **5001** LOCATION **NOO**  
 DESCRIPTION OF JOB **8 7/8 SURFACE** DATE **DEC 20**

JOB DONE THRU: TUBING  CASING  ANNULUS  TBG./ANN.   
 CUSTOMER REPRESENTATIVE **[Signature]**  
 HALLIBURTON OPERATOR **DANNY BACON** COPIES REQUESTED \_\_\_\_\_

**CEMENT DATA**

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	380	P4 MED-CON	S.W.	B	3% CC, 1/4 7/8K FLOCELE	3.22	11.1
	100	PREM PLUS	S.W.	B	2% CC, 1/4 7/8K FLOCELE	1.32	14.8

**PRESSURES IN PSI**

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_  
 BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_  
 AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_  
 SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN. \_\_\_\_\_ 15-MIN. \_\_\_\_\_  
 HYDRAULIC HORSEPOWER \_\_\_\_\_  
 ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_  
 AVERAGE RATES IN BPM \_\_\_\_\_  
 TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_  
 CEMENT LEFT IN PIPE \_\_\_\_\_  
 FEET **41** REASON **SHOE JOINT**

**VOLUMES**

PRESLUSH: BBL.-GAL. \_\_\_\_\_ TYPE \_\_\_\_\_  
 LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_  
 TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL.-GAL. **102**  
 CEMENT SLURRY: BBL.-GAL. **L.C. 218 T.C. 23.5**  
 TOTAL VOLUME: BBL.-GAL. **241.5**

REMARKS  
**SEE JOB LOG**

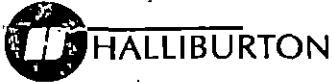
FIELD OFFICE

CUSTOMER: **TRIMBLE** LEASE: **Patterson** WELL NO: **1** JOB TYPE: **8 7/8 SURFACE** DATE: **11/7/96**

**JOB LOG** HAL-2013-C

 CUSTOMER: *Andracko Park Corp* WELL NO: *#1* LEASE: *PARSON B* JOB TYPE: *SURFACE* TICKET NO: *106004*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	04:00							CALED OUT
	06:00							ON LOC
								SAFETY MEETING
								ORIGINAL
	13:48							CASING ON BOTTOM CIRCULATED
	13:55							CONFIDENTIAL RIG UP TO PUMP TRUCK
	13:56	7	218				225	LEAD CMT 380SK PREM PLUS MIXO-CON 3% CC, 1/4" SK FLOCELE 218 BBL 11.1 gal 3.22 ft/sk 20.19 gal/sk
	14:24	7	<del>253</del>				150	TAIL CMT 100SK PREM PLUS 2% CC 1/4" SK FLOCELE 14.8 gal 1.32 ft/sk 6.3 gal/sk 23.5 BBL
	14:32	6	102			RELEASED	150	DROP PLUG & START DISPLACEMENT MAX LIFT 280PSI
						SEP 25 1998		
	15:00					FROM CONFIDENTIAL		1 BBL/MIN BEFORE BUMPING PLUG Bump PLUG / RELEASE FLOAT FLOAT HELD
						MUD		
						DFD 2.0		
						CONFIDENTIAL		150SK CIRCULATED BACK TO P&T 86 BBL CMT
						CUM		
								THANKS
								DAVID & CREW
								<del>ENOYE</del>



# JOB SUMMARY

HALLIBURTON DIVISION Blind Completion  
 HALLIBURTON LOCATION Liberal, KS

BILLED ON TICKET NO. 970572  
 HCC

## WELL DATA

FIELD \_\_\_\_\_ SEC. 18 TWP. 37S RNG. 29W COUNTY Meade STATE KS

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_

FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_

INITIAL PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD

PRESENT PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD

COMPLETION DATE \_\_\_\_\_ MUD TYPE \_\_\_\_\_ MUD WT. \_\_\_\_\_

PACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_

BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_

MISC. DATA \_\_\_\_\_ TOTAL DEPTH \_\_\_\_\_

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	15.5	5 1/2	KB	5318	
LINER						
TUBING						
OPEN HOLE			17/8		8150	SHOTS/FT.
PERFORATIONS	<b>ORIGINAL</b>					
PERFORATIONS						
PERFORATIONS						

## JOB DATA

### TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>11.500T/40</u>	1	<u>HORND</u>
FLOAT SHOE		
GUIDE SHOE <u>REP</u>		
CENTRALIZERS <u>1/2"</u>	8	
BOTTOM PLUG		
TOP PLUG <u>SW</u>	1	
HEAD <u>PC</u>	1	
PACKER		
OTHER <u>1/4" A</u>	1	

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>9-9-96</u>	DATE <u>9-9-96</u>	DATE <u>9-10-96</u>	DATE <u>9-10-96</u>
TIME <u>2000</u>	TIME <u>2300</u>	TIME <u>0519</u>	TIME <u>0558</u>

### PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<b>CONFIDENTIAL</b>		
<b>RELEASED</b>		
<b>SEP 25 1996</b>		
<b>FROM CONFIDENTIAL</b>		

### MATERIALS

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. °API

DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. °API

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %

SURFACTANT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN

NE AGENT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN

FLUID LOSS ADD. TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN

GELLING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN

FRIC. RED. AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN

BREAKER TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN

BLOCKING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_

PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_

OTHER \_\_\_\_\_

OTHER \_\_\_\_\_

DEPARTMENT CEMENT

DESCRIPTION OF JOB Set oil string

JOB DONE THRU: TUBING  CASING  ANNULUS  TBG./ANN.

CUSTOMER REPRESENTATIVE X [Signature]

HALLIBURTON OPERATOR Tom Payne COPIES REQUESTED \_\_\_\_\_

## CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	90	PREM/VERSURET		B	1% H <sub>2</sub> O, 3% KCL, 9% VERSURET	1.11	14.5
<u>RET</u>	<u>25</u>	PREM.		B	WENT	1.18	15.6

### PRESSURES IN PSI

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_

BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_

AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_

SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 15-MIN \_\_\_\_\_

HYDRAULIC HORSEPOWER \_\_\_\_\_

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_

AVERAGE RATES IN BPM \_\_\_\_\_

TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_

CEMENT LEFT IN PIPE \_\_\_\_\_

FEET Shore Joint REASON 17.125

### SUMMARY

PRESLUSH BBL.-GAL. 8-10-8 TYPE H<sub>2</sub>O - 5.11.1 - H<sub>2</sub>O

LOAD & BKDN. BBL.-GAL. \_\_\_\_\_ PAD BBL.-GAL. \_\_\_\_\_

TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL. BBL.-GAL. 125 1/2

CEMENT SLURRY BBL.-GAL. 22

TOTAL VOLUME BBL.-GAL. 125 1/2 + 12 + 26

### REMARKS

CUSTOMER: HCC  
 LEASE: Pearson B  
 WELL NO: 1  
 JOB TYPE: 035  
 DATE: 1/2/96



JOB LOG HAL-2013-C

CUSTOMER APC	WELL NO. #1	LEASE PEARSON B.	JOB TYPE 035	TICKET NO. 920527
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CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2000							Called out - Requested 2400
	2300							on loc - L.D.D.P
	0140							Run 5 1/2 <sup>13.5</sup> Csg. Safety Meeting
	0420							On Bottom @ 5318 ft
	0130							Hook-up to circ
								RELEASED SEP 25 1998
	0440							Mix SUPER Flush
	0500		3	✓		0/50		Plug RAT
	0506		2	✓		0/50		Plug mouse
	0518							Hook-up to cement
	0519	0-4	8		✓	0/425		Pump H <sub>2</sub> O - Reciprocate csg.
	0521	4	10		✓	275		Pump SUPER Flush
	0524	4	8		✓	275		Pump H <sub>2</sub> O
	0526	4-6	32 1/2		✓	275/250		Pump cmt @ 90sk
	0530	6-0				250/0		Shut down - Drop plug - wash up tank
	0536	0-6	125 1/2		✓	0/600		Pump Displacement H <sub>2</sub> O
	0555	6-3			✓	500/400		Reduce Rate - stop Reciprocating
	0559	3-0			✓	1500/1000		Plug Down
	0558	-			✓	0/000		RELEASE PRESSURE - Float "hold"
								Thank you! Tom & Sonny & crew

KUC  
DEC 2 0  
CONFIDENTIAL