



**SIDE TWO**

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name: USA BERRYMAN "B" Well # 3H  
 Sec. 21 Twp. 33 Rge. 41  East  West County MORTON

**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.)  Yes  No  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run (Submit Copy.)  Yes  No  
 List All E.Logs Run: GR-CAL, DIL, ML, CNL-LDT, CBL.

Name	Formation (Top), Depth and Datums	
	Top	Datum
BLAINE	925	
GLORIETTA	1012	
B/CIMARRON ANHY.	1450	
HERRINGTON	2096	
KRIDER	2138	
WINFIELD	2192	

CASING RECORD <input checked="" type="checkbox"/> New <input 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	24	753	MIDCON/P+	120/120	2%CC/ 2%CC, 1/4#SK FLC
PRODUCTION	7-7/8	5-1/2	15.5	2402	MIDCON 2	90/90	2%CC, 1/4#SK FLC/ 2%CC, .6% HALAD-322.

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<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	Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
2	2138-2152	ACID: 1400 GAL 7-1/2% FEHCL. FRAC: 14000 GAL GELLED 2%KCL WTR & 37000 # 20/40 SD.	2138-2152'

TUBING RECORD      Size      Set At      Packer At      Liner Run       Yes  No

Date of First, Resumed Production, SWD or Inj. AWAITING PIPELINE CONNECTION      Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)  
 Estimated Production Per 24 Hours      Oil      Bbls.      Gas      (Mcf)      Water      Bbls.      Gas-Oil Ratio      Gravity

Disposition of Gas: TO BE      Method of Production      Production Interval  
 Vented  Sold  Used on Lease       Open Hole  Perf.  Dually Comp.  Commingled  
 (If vented, submit ACO-18.)       Other (Specify) \_\_\_\_\_      2138-2152'



# JOB SUMMARY

HALLIBURTON DIVISION  
HALLIBURTON LOCATION

*Mud Coyt*  
*Liberal, Ks*

BILLED ON TICKET NO.

*KCC*  
*880612*

## WELL DATA

FIELD \_\_\_\_\_ SEC *21* TWP *33S* RNG. *41W* COUNTY *Morton* 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 \_\_\_\_\_

**CONFIDENTIAL**

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING		<i>24</i>	<i>8 3/8</i>	<i>KB</i>	<i>753</i>	
LINER						
TUBING						
OPEN HOLE			<i>12 1/4 GL</i>	<i>754</i>		SHOTS/FT.
PERFORATIONS			<i>ORIGINAL</i>			
PERFORATIONS						
PERFORATIONS						

## JOB DATA

TOOLS AND ACCESSORIES			
TYPE AND SIZE	QTY.	MAKE	
FLOAT COLLAR <i>Insert Float</i>	<i>1</i>	<i>Howe</i>	
FLOAT SHOE <i>Fillup</i>	<i>1</i>	<i>Howe</i>	
GUIDE SHOE <i>1x 1 1/2</i>	<i>1</i>	<i>Howe</i>	
CENTRALIZERS	<i>3</i>	<i>Howe</i>	
BOTTOM PLUG <i>Basket</i>	<i>1</i>	<i>Howe</i>	
TOP PLUG	<i>1</i>	<i>Howe</i>	
HEAD	<i>1</i>	<i>Howe</i>	
PACKER	<i>1</i>	<i>Howe</i>	
OTHER <i>Howe wch A</i>	<i>1 KB</i>	<i>Howe</i>	

CALLED OUT		ON LOCATION		JOB STARTED		JOB COMPLETED	
DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME
<i>11-2</i>	<i>1800</i>	<i>11-2</i>	<i>2000</i>	<i>11-2</i>	<i>2300</i>	<i>11-2</i>	<i>2400</i>

## PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<i>Dove</i>	<i>420041</i>	<i>Liberal Ks</i>
<i>PEwood</i>	<i>59179</i>	<i>ANSAT Ks</i>
<i>G/NEType</i>	<i>D4365</i>	<i>ANSAT Ks</i>
	<i>50737</i>	<i>ANSAT Ks</i>
	<i>G3755</i>	<i>ANSAT Ks</i>
	<i>75817</i>	<i>ANSAT Ks</i>

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. \_\_\_\_\_  
NE AGENT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_  
FLUID LOSS ADD. TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_  
GELLING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_  
FRIC RED. AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_  
BREAKER TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_  
BLOCKING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_  
PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_  
OTHER \_\_\_\_\_  
OTHER \_\_\_\_\_

**RELEASED**

*JUL 3 1997*

**FROM CONFIDENTIAL**

DEPARTMENT *Cement*  
DESCRIPTION OF JOB *8 3/8 SURFACE*

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

CUSTOMER REPRESENTATIVE *X [Signature]*

HALLIBURTON OPERATOR *Dennis Coyle* COPIES REQUESTED \_\_\_\_\_

## CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<i>120</i>	<i>Prem Plus</i>	<i>Mud Coyt</i>		<i>2% CC 1/4# Flocube</i>	<i>3.22</i>	<i>11.1</i>
	<i>120</i>	<i>Prem Plus</i>			<i>2% CC 1/4#</i>	<i>1.37</i>	<i>14.8</i>

## PRESSURES IN PSI

## SUMMARY

## VOLUMES

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_ PRESLUSH: BBL.-GAL. \_\_\_\_\_ TYPE \_\_\_\_\_  
BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_ LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_  
AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_ TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL.-GAL. *46.07*  
SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 15-MIN \_\_\_\_\_ CEMENT SLURRY: BBL.-GAL. *97.03*  
HYDRAULIC HORSEPOWER \_\_\_\_\_ TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_  
ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_  
AVERAGE RATES IN BPM \_\_\_\_\_  
TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_  
CEMENT LEFT IN PIPE \_\_\_\_\_  
FEET *46.07* REASON *Shoe Joint*

## REMARKS

CUSTOMER *Amward Petroleum Corp*  
JOB TYPE *USA Brewery Mass B*  
WELL NO. *3 H*  
DATE *11-2-95*



JOB LOG HAL-2013-C

DATE 11-2-95 PAGE NO.

CUSTOMER: Anadarko Eten Corp WELL NO. 3-H LEASE USA Bismarck JOB TYPE 8 1/2 SURFACE TICKET NO. 880612

CHART NO. TIME RATE (BPM) VOLUME (BBL) (GAL) PUMPS T C PRESSURE (PSI) TUBING CASING DESCRIPTION OF OPERATION AND MATERIALS

1800 Time called  
1830 Time Ready ORIGINAL  
2000 time outloc  
CONFIDENTIAL

2215 Start Pump Casing

2300 Casing in Hole  
RELEASED

2300 Hook up to Circulate Casing  
2308 Circulate Casing w/ rag Pump  
2310 Circulate Mud to Ground level  
FROM CONFIDENTIAL

2315 Hook up to Pump Truck

2320 68 81 Start Mix Cement  
2338 28 21 Start Tail Cement  
2342 97 02 Finish Mix Cement  
2344 Shut Down Drop Plug

2345 Start Displacement  
46 07 wash Pumps & Lines

2400 Plug Down  
Fleet Held  
Circulate Cement To P.T  
16 BBL 28 SK

MAR 4  
CONFIDENTIAL

Thanks For Calling  
Halliburton  
Energy  
Dove  
Cove

1 Hour Job  
4 Hours outloc



HALLIBURTON

HALLIBURTON ENERGY SERVICES

HAL-1906-N

ADDRESS: Amstarico Petroleum Corp.  
 CITY, STATE, ZIP CODE:

No. 880612 - 7

PAGE 1 OF 1

SERVICE LOCATIONS: 1. Lipstick Ks 25540  
 2. Arcton Ks 25535  
 3.  
 4. REFERRAL LOCATION

WELL/PROJECT NO.: 3H  
 LEASE: USA Berryman B  
 CONTRACTOR: Big A Drilling

COUNTRY/PARISH: Morton  
 RIG NAME/NO.: Big A Drilling

STATE: Ks  
 CITY/OFFSHORE LOCATION: Loc.

DATE: 11-2-95  
 ORDER NO.: Noe W. Louberton Ks

TICKET TYPE:  SERVICE  
 SALES

NITROGEN JOB?  YES  
 NO

WELL TYPE: 02 03  
 WELL CATEGORY: 010 8 1/2 SURFACE  
 WELL PERMIT NO.:  
 WELL LOCATION: Noe W. Louberton Ks

INVOICE INSTRUCTIONS:

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING	DESCRIPTION	QTY.	U/M	UNIT PRICE	AMOUNT
000-117		1	MILEAGE	132	mls	2.85	376.20
001-016		1	Pump charge	1	FT		890.00
030-018		1	5w Top Plug	1	Each	130.00	130.00
16A	830-2171	1	Guideshoe	1	Each	233.00	233.00
24A	815-19502	1	Tapered Float	1		171.00	171.00
27	815-19415	1	Filling	1		64.00	64.00
41	806-6048	1	Centralizers	5		61.00	305.00
320	806-71460	1	Basket	1		124.00	124.00
350	890-10802	1	Horizontal A	1	lbs	16.75	16.75

RELEASED JUL 31 1997 ORIGINALLY FROM CONFIDENTIAL

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

DATE SIGNED: David C. Moore  
 TIME SIGNED: 11:00 AM

SUB SURFACE SAFETY VALVE WAS:  
 PULLED & RETURN  PULLED  RUN

TYPE LOCK: \_\_\_\_\_ DEPTH: \_\_\_\_\_  
 BEAN SIZE: \_\_\_\_\_ SPACERS: \_\_\_\_\_  
 TYPE OF EQUALIZING SUB.: \_\_\_\_\_ CASING PRESSURE: \_\_\_\_\_  
 TUBING SIZE: \_\_\_\_\_ TUBING PRESSURE: \_\_\_\_\_ WELL DEPTH: \_\_\_\_\_  
 TREE CONNECTION: \_\_\_\_\_ TYPE VALVE: \_\_\_\_\_

SURVEY:  AGREE  UN-DECIDED  DIS-AGREE

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?  
 WE UNDERSTOOD AND MET YOUR NEEDS?  
 OUR SERVICE WAS PERFORMED WITHOUT DELAY?  
 WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?  
 ARE YOU SATISFIED WITH OUR SERVICE?  
 YES  NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL: 2309 95  
 FROM CONTINUATION PAGE(S): 4408 181  
 SUB-TOTAL: \_\_\_\_\_  
 APPLICABLE TAXES WILL BE ADDED ON INVOICE

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT): David C. Moore  
 CUSTOMER OR CUSTOMER'S AGENT SIGNATURE: [Signature]

HALLIBURTON OPERATOR/ENGINEER: \_\_\_\_\_ EMP # \_\_\_\_\_  
 HALLIBURTON APPROVAL: \_\_\_\_\_



TICKET CONTINUATION

DUNCAN COPY

TICKET No. 880612

HALLIBURTON ENERGY SERVICES

FORM 1911 R-10

CUSTOMER Anadarko petroleum Corporation	WELL USA Berryman "B" #311	DATE 11 02 95	PAGE OF
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PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE	AMOUNT
		LOG	ACCT	DF		U/M	U/M		
504-050	516.00265				Prmetum Plus Cement	120	stk	11.91	1429.20
504-282					Midcon Premium Plus Cement	120	stk	16.39	1966.80
507-285	70.15250					226	lb		
507-210	890.50071				Floccle 1/4" / 240	60	lb	1.65	99.00
509-406g	990.50812				Calcium Chloride 2 3/4" / 240	5	stk	36.175	183.175
<p>ORIGINAL</p> <p>CONFIDENTIAL</p> <p>MAR 4</p> <p>CONFIDENTIAL</p> <p>RELEASED</p> <p>JUL 31 1997</p> <p>FROM CONFIDENTIAL</p>									

500-207				SERVICE CHARGE		CUBIC FEET	260	1.35	351.00
500-306				MILEAGE CHARGE	TOTAL WEIGHT 23471	LOADED MILES	34	TON MILES	399.007
								.95	379.06

No. B 211902

CONTINUATION TOTAL 14408.81



# JOB SUMMARY

HALLIBURTON DIVISION  
HALLIBURTON LOCATION

MID CONTINENT AREA  
LIBERAL KS

KCC  
BILLED ON TICKET NO. 880652

WELL DATA  
FIELD \_\_\_\_\_ SEC. 21 TWP. 33S RNG. 41W COUNTY MORTON 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	2416	
INNER REG	U	24	8 5/8	GL	753	
TUBING						
OPEN HOLE			7 7/8	753	2420	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
INSERT 5 1/2	1	A
FLIGHT SHOE	1	
GUIDE SHOE REGULAR	1	O
CENTRALIZERS S-4	17	
BOTTOM PLUG		W
TOP PLUG 5W	1	
HEAD		C
PACKER		
OTHER		O

### JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 11-6-95	DATE 11-6-95	DATE 11-7-95	DATE 11-7-95
TIME 1900	TIME 2245	TIME 0250	TIME 0335

### PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
T. BROADFOOT	420045	LIBERAL KS
C. CORNELSON	52947	"
J. WILSON	51984	MORTON KS.

MATERIALS

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

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

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

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

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

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

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

NE AGENT TYPE \_\_\_\_\_ 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.

PERFFAC BALLS TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN.

OTHER \_\_\_\_\_

OTHER \_\_\_\_\_

DEPARTMENT CEMENT

DESCRIPTION OF JOB CEMENT 5 1/2 LONG STRING

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

CUSTOMER REPRESENTATIVE XJOE Shroy

HALLIBURTON OPERATOR John Broadfoot

COPIES REQUESTED \_\_\_\_\_

### CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	90	MIDCON P.P.		B	2% C.C.	3.22	11.1
1	90	MIDCON P.P.		B	2% C.C. - 1/10 HALAD 322	2.01	12.8

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 36.15 REASON SAFE JT.

### SUMMARY

VOLUMES

PRESLUSH 10-20-10 BBL-GAL. TYPE 2% KCL mud FLUSH

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

TREATMENT: BBL-GAL. \_\_\_\_\_ DISPL. 56.6 GAL. \_\_\_\_\_

CEMENT SLURRY: BBL-GAL. 52-33

TOTAL VOLUME: BBL-GAL. 181.60

REMARKS

MSAS GIVEN TO CO MAN

SPACER SEEN AT SURFACE ONLY

JOB WELL DONE - NO ACCIDENTS

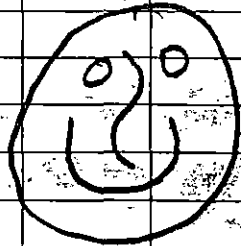
CUSTOMER: ANADARKO PETROLEUM  
LEASE: USA BERRYMAN  
WELL NO.: B-3H  
JOB TYPE: 5 1/2 LONG STRING  
DATE: 11-6-95

JOB LOG HAL-2013-C

CUSTOMER: ANADARKO PETR. WELL NO.: B-3H LEASE: USA BERRYMAN JOB TYPE: 5 1/2 LONG STRING TICKET NO.: 880652

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1900							CALLED OUT READY 2300
	2245							EN LOCT. L. D. D. P.
	0045							START RUNNING CSG.
	0225							HOOK CNT HEAD TO CIRCULATE
	0235							CIRCULATION TO PIT - SAFETY MEETING
	0245							HOOK UP TO CMT LINE
	0250	5.2	10				280	START KCL SPACER 2%
	0252	5.2	20					START MUD FLUSH
	0256	5.2	10					START KCL SPACER 2%
	0258	5.2	52					START LEAD CMT 11.1 YD
	0308	5.2	33				160	START TAIL CMT 12.8 YD
	0314	0	0				0	SHUT OFF WASH UP - DROP PLUG
	0320	4.6	46				280	START DISPLACEMENT #20
	0330	2	10.6				300/360	SLOW RATE (56.6 TOTAL BBL)
	0335	0	0				800	PLUG LANDED - FLOAT HELD

CONFIDENTIAL



THANKS FOR CALLING  
HALLIBURTON ENERGY SERVICES  
LIBERAL KS.

RELEASED  
MAY 31 1997

"HAVE A GOOD DAY"

FROM CONFIDENTIAL

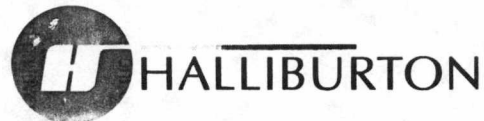
BROADFOOT - CORNELSON - WILSON

MS DS GIVEN TO CO MAN  
SPACER SEEN AT SURFACE

MAR 4  
CONFIDENTIAL

LOCT. TIME - 6 HR 50 MIN  
JOB TIME - 45 MIN





**HALLIBURTON ENERGY SERVICES**

HAL-1906-N

CHARGE TO: **ANADARKO - PETROLEUM**  
 ADDRESS:  
 CITY, STATE, ZIP CODE:

CUSTOMER COPY

TICKET

No. 880652 - 3

PAGE 1 OF 2

SERVICE LOCATIONS 1 LIBERTAL KS 025240 # HUGSTON K0025535	WELL/PROJECT NO. B-3H	LEASE USA BERRYMAN	COUNTY/PARISH MURKIN	STATE KS.	CITY/OFFSHORE LOCATION MAY 3 1997	DATE 11-6-7-95	OWNER SHELL
TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR BIG "A" DRUG	RIG NAME/NO. BIG A 1"	SHIPPED VIA	DELIVERED LOCAL WIRE	ORDER NO.	
3.	WELL TYPE 02	WELL CATEGORY 01	JOB PURPOSE 035	WELL PERMIT NO.	WELL LOCATION 21-33 S-41W		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING		DESCRIPTION	QTY.		QTY.		UNIT PRICE	AMOUNT
		LOC	ACCT		DF	U/M	U/M			
000-117				MILEAGE	66 mi		1 UNIT		2.85	188.10
000-016				PUMP CHARGE	2416 FT		6 HR		1.96	1395.00
12A	825.205			REGULAR GUIDE	5 1/2 IN		1 EA			121.00
030-016				5W TOP PLUG	"	"	"	"		60.00
24A	815.19251			INSERT	"	"	"	"		110.00
27	815.19311			FILLUP	"	"	"	"		69.00
40	806.66022			CENTRALIZERS	"	"	17 EA		6.00	1020.00
018-315				MUD FLUSH	PER GAL		840 GAL		0.65	546.00
314-163				CLA FIX II	PER GAL		2.5 GAL		22.00	55.00

**LEGAL TERMS:** Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN		<b>SURVEY</b>		AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL 3560
TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					
BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?					FROM CONTINUATION PAGE(S) 4901
TYPE OF EQUALIZING SUB.	CASING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?					SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE 7566
TUBING SIZE	TUBING PRESSURE	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					
DATE SIGNED 11-7-95	TIME SIGNED 0400	TREE CONNECTION	TYPE VALVE	ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO			
<input type="checkbox"/> do <input type="checkbox"/> do not require IPC (Instrument Protection). <input type="checkbox"/> Not offered				<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

**CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES** The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT) John Shilling	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) X [Signature]	HALLIBURTON OPERATOR/ENGINEER [Signature] 04604	EMP #	HALLIBURTON APPROVAL
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