



Operator Name ANADARKO PETROLEUM CORPORATION Lease Name NEPTUNE "A" Well # 1  
 Sec. 17 Twp. 33 Rge. 41  East County MORTON  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  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: CNL-LDT, DIL, CSNG, CCL-CBL-GR

Log  Sample  
 Formation (Top), Depth and Datums

Name	Top	Datum
BLAIRE	1000	
GLORIETTA	1116	
B/CIMMARON	1505	
WELLINGTON ANHYDRITE	1950	
KRIDER DOLOMITE	2198	
WINFIELD SS.	2248	
FORT RILEY	2368	

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	12.25	8.625	24	502	MIDCON 2	95/120	2%CC, 1/4#SK FLC
PRODUCTION	7.875	5.5	15.5	2298	CLASS C	110/90	20%DCO, 2%CC, 1/4 #SK FLOC/10%DCD 2%CC, 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
2	2036-2054, 2076-2087	ACID: 2000GAL 7-1/2% FEHCL FRAC: 12500GAL 25# GLD 2% KCL WTR, 47000# 20/40 SD & 62000 SCF N2.	2036-2054' & 2076-2087'

TUBING RECORD

Size NONE	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
-----------	--------	-----------	---

Date of First, Resumed Production, SWD or Inj. 10-16-95 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	--	1120	--	--	--

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)  
 Method of completion:  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_  
 Production Interval: 2036-2087(OA)



# JOB SUMMARY

HALLIBURTON DIVISION mid continent area  
 HALLIBURTON LOCATION Liberati ks.

BILLED ON TICKET NO: 812156

## WELL DATA

FIELD \_\_\_\_\_ SEC. 17 TWP. 33S RING. 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 \_\_\_\_\_ MWD WT. \_\_\_\_\_

PACKER TYPE \_\_\_\_\_

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

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

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	24	<del>8.25</del>	KB		
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

## JOB DATA

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>7-21-95</u>	DATE <u>7-21-95</u>	DATE <u>7-21-95</u>	DATE <u>7-21-95</u>
TIME <u>0900</u>	TIME <u>1200</u>	TIME <u>1904</u>	TIME <u>1930</u>

### TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>INSPT 8 5/8</u>	<u>1</u>	<u>H</u>
FLOAT GAGE <u>FLUP 8 5/8</u>	<u>1</u>	
GUIDE SHOE <u>TEXAS PAPAN 8 5/8</u>	<u>1</u>	<u>0</u>
CENTRALIZERS <u>S4 8 5/8</u>	<u>3</u>	
BOTTOM PLUG <u>Basket 8 5/8</u>	<u>1</u>	<u>W</u>
TOP PLUG <u>SW 8 5/8</u>	<u>1</u>	
HEAD <u>P.C. 8 5/8</u>	<u>1</u>	<u>L</u>
PACKER		
OTHER		<u>0</u>

### PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>J. Woodrow</u>	<u>420044</u>	<u>Liberati ks</u>
<u>62573</u>	<u>P.U.</u>	
<u>J. Davis</u>	<u>62270</u>	
<u>F4550</u>	<u>76900 HOC.</u>	
<u>M. Longworth</u>	<u>50404</u>	
<u>69510</u>	<u>75505 DUC</u>	<u>H48000</u>

### 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. \_\_\_\_\_

PERFAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_

OTHER \_\_\_\_\_

OTHER \_\_\_\_\_

**RELEASED**

**MAR 1 1997**

**FROM CONFIDENTIAL**

DEPARTMENT Coment

DESCRIPTION OF JOB Coment 8-5/8 SURFACE CSB.

JOB DONE THRU: TUBING  CASING  ANNULUS  TBG/ANN.

CUSTOMER REPRESENTATIVE [Signature]

HALLIBURTON OPERATOR [Signature] COPIES REQUESTED \_\_\_\_\_

### CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIONS	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>25</u>	<u>mid con</u>		<u>B</u>	<u>270 cc 1/4" F10 cere</u>	<u>3.22</u>	<u>11.1</u>
<u>1</u>	<u>25</u>	<u>prem plus</u>		<u>B</u>	<u>270 cc 1/4" F10 cere</u>	<u>1.32</u>	<u>14.8</u>

### SUMMARY

PRESSURES IN PSI \_\_\_\_\_ 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. 30.5

SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 15-MIN \_\_\_\_\_ CEMENT SLURRY BBL.-GAL. 54.4 L.C. 282 T.C.

HYDRAULIC HORSEPOWER \_\_\_\_\_ TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_ REMARKS RECEIVED

AVERAGE RATES IN BPM \_\_\_\_\_ KANSAS CORPORATION COMMISSION

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

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

FEET 41.67 REASON Shop Joint

**JAN 25 1996**

CUSTOMER: ANADARKO  
 LEASE: WEPHUR  
 WELL NO: \_\_\_\_\_  
 JOB TYPE: 8-5/8 SURFACE CSB. DATE: 7-21-95



JOB LOG HAL-2013-C

CUSTOMER: ANADARKO PETROLEUM WELL NO.: 1 LEASE: NEPTUNE JOB TYPE: 8 7/8 SURFACE TICKET NO.: 812/54

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1200							JOB READY ORIGINAL
	0900							CALLED OUT FOR JOB ORIGINAL
	1136							PUMP TRUCK & BULK TRUCK ON LOCATION
	1330							RIG STILL DRILLING - SET UP PUMP TRUCK RIG THROUGH CUTTING <del>PIPE</del> OF 12 1/2 HOLE ON BOTTOM CIRCULATING
	1545							TRIP OUT DRILL PIPE START RUNNING 8 7/8 CSG & FLS EQUIP RUN 3 JTS HIT BRIDGE CANT GET CASING DOWN
	1630							PULL CSG - RUN BACK IN WITH D.P. & CIRCULATE
	1740							TRIP OUT D.P.
	1815							START RUNNING 8 7/8 CSG BACK IN HOLE
	1850							CASING ON BOTTOM SIS
	1855							HOOK UP 8 7/8 P/J & CIRCULATING IRON
	1855							START CIRCULATING WITH RIG PUMP
	1902							THROUGH CIRCULATING
	1904	6.5	59.0			0700		HOOK UP TO PUMP TRUCK START MIXING LEAD CEMENT 11.1 <sup>67</sup> GAL
	1912	6.5	28.0			0715		START MIXING TAIL CEMENT 14.8 <sup>68</sup> GAL
	1918		82.0			0730		THROUGH MIXING CEMENT - SHUT DOWN RELEASE PLUG
	1919	6.0						START DISPLACING
	1930		31.0			900*		PLUG DOWN - <del>PLUG DOWN</del> RELEASE FLOAT - FLOAT HELD NCC
								RELEASED MAR 11 1997
								FROM CONFIDENTIAL THANK YOU! Woody & Tyler
								JAN 24 CON T-11
								RECEIVED KANSAS CORPORATION COMMISSION JAN 25 1996
								CONSERVATION DIVISION WICHITA, KS

HAL-1906-N

ADDRESS \_\_\_\_\_  
CITY, STATE, ZIP CODE \_\_\_\_\_

SERVICE LOCATIONS 1. 025540 LIBERAL	WELL/PROJECT NO. 1	LEASE NEPTUNE	COUNTY/PARISH MORTON	STATE KS	CITY/OFFSHORE LOCATION N. WILBERTON	DATE 7-21-95	OWNER SAME
2. 025535 HUGATON	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR NORSEMAN DRIG #1	RIG NAME/NO.	SHIPPED VIA CT	DELIVERED TO WELL SITE	ORDER NO.
3.	WELL TYPE 02 GAS	WELL CATEGORY 01 DEVELOPMENT	JOB PURPOSE OIL - 8 5/8 SURFACE	WELL PERMIT NO.	WELL LOCATION LAND		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

RECEIVED  
MAR 11 1997  
FROM CONFIDENTIAL

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
000-117		/			MILEAGE	66	mi	2	EA	2.75	363.00
001-016		/			PUMP CHARGE	515	FT			890.00	890.00
030-018		/			S.W. TOP PLUG	1	EA	8 7/8	IN	130.00	130.00
16A	830.2171	/			TEXAS PATTERN GUIDE SHOT	1	EA	8 7/8	IN	161.00	161.00
24A	815.19502	/			FISHERY FRONT VALVE	1	EA	8 5/8	IN	175.00	175.00
37	815.19415	/			FILL UP ASSY	1	EA	1.50	IN	55.00	55.00
40	806.61948	/			CONTROLIZER	3	EA	8 7/8	IN	65.00	195.00
320	806.71960	/			BASKET	1	EA	8 7/8	IN	110.00	110.00
350	890.10802	/			HALCO WIRE A	1	EA	1	AB	14.50	14.50

ORIGINAL  
CONFIDENTIAL

RECEIVED  
JAN 24 1996  
CONFIDENTIAL  
WICHITA DIVISION

<b>LEGAL TERMS:</b> 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		SURVEY		AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL 2079.00  FROM CONTINUATION PAGE(S) 3852.35  SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE
	TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					
	BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?					
	TYPE OF EQUALIZING SUB.	CASING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
TUBING SIZE	TUBING PRESSURE	WELL DEPTH	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					
DATE SIGNED 7-21-95	TIME SIGNED 1200	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) Jim Barlow	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <i>Jim Barlow</i>	HALLIBURTON OPERATOR/ENGINEER Yol Woodman	EMP # 62573	HALLIBURTON APPROVAL
---	---	--	----------------	----------------------



TICKET CONTINUATION

DUNCAN COPY

TICKET No. 812156

HALLIBURTON ENERGY SERVICES

FORM 1911 R-10  
 CUSTOMER 79 HPC  
 WELL Reptone  
 DATE 7-21-95  
 PAGE OF

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
504-086	511.00265				Premium Plus Cement	120				11.92	1429.20	
504-282						95	SK			16.39	1557.05	
504-080	511.00265					95	PK					
507-285	70 15750					179	LB					
508-127	511.00338					2	SK					
507-216	890.50071				F10 1/4" / 215SK	54	LB			1.65	89.10	
509-466	890.50812				Calcium Chloride 2% / 215SK	4	SK			36.75	147.00	
CONFIDENTIAL RELEASED MAR 11 1997 FROM CONFIDENTIAL RECEIVED KANSAS CORPORATION COMMISSION JAN 25 1996 CONSERVATION DIVISION WICHITA, KS RECEIVED KUW JAN 24 1996 CONFIDENTIAL												
500-207					SERVICE CHARGE					CUBIC FEET 231	1.35	311.85
500-306					MILEAGE CHARGE	TOTAL WEIGHT 20,944	LOADED MILES 32			TON MILES 335.10	.75	318.30

No. B 209657

CONTINUATION TOTAL 3832.35



# JOB SUMMARY

HALLIBURTON DIVISION  
HALLIBURTON LOCATION

Mid Continent  
Liberal KS

BILLED ON TICKET NO. 811792

## WELL DATA

FIELD \_\_\_\_\_ SEC. 17 TWP. 33 RNG. 4 COUNTY Marion 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 Surface pipe TOTAL DEPTH 502

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>N</u>	<u>15.5</u>	<u>5 1/2</u>	<u>KB</u>	<u>502</u>	
LINER						
TUBING						
OPEN HOLE			<u>7 1/2</u>	<u>502</u>	<u>2450</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

## JOB DATA

TOOLS AND ACCESSORIES			
TYPE AND SIZE	QTY.	MAKE	
FLOAT COLLAR <u>insert 5 1/2</u>	<u>1</u>	<u>Hovco</u>	
FLOAT SHOE			
GUIDE SHOE <u>REG</u>	<u>1</u>		
CENTRALIZERS <u>REG</u>	<u>14</u>		
BOTTOM PLUG			
TOP PLUG <u>Sec</u>	<u>1</u>		
HEAD <u>M.F.</u>			
PACKER			
OTHER <u>weld A</u>			

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>1-24-95</u>	DATE <u>1-24-95</u>	DATE <u>1-24-95</u>	DATE <u>1-24-95</u>
TIME <u>0930</u>	TIME <u>1215</u>	TIME <u>1322</u>	TIME <u>1602</u>

## PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>T. Payer</u>	<u>420044</u>	<u>Liberal KS</u>
<u>T. DAVIS</u>	<u>#48120</u>	<u>" "</u>
<u>C. Bolton</u>	<u>#F4550</u>	<u>" "</u>
	<u>#1659</u>	<u>Bulk Hugoton, KS</u>

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. \_\_\_\_\_  
 FLUID LOSS ADD. TYPE \_\_\_\_\_ GAL. \_\_\_\_\_  
 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 \_\_\_\_\_  
 OTHER \_\_\_\_\_  
 OTHER \_\_\_\_\_

**CONFIDENTIAL**

DEPARTMENT 5001  
 DESCRIPTION OF JOB set Production string @ 10 BBL  
KCl, 30 BBL mud flush, 10 BBLs KCl, 10 BBLs  
...

JOB DONE THRU: TUBING  CASING  ANNULUS  TBG/ANN.

CUSTOMER REPRESENTATIVE X Jim Barclaw

HALLIBURTON OPERATOR Tom Payer COPIES REQUESTED \_\_\_\_\_

## CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>110</u>	<u>PREMI. PLUS</u>	<u>B</u>	<u>20% Dimeel-D, 2% cc, 1/4% k floe</u>	<u>12</u>			
<u>90</u>	<u>PREMI. PLUS</u>	<u>B</u>	<u>20% Dimeel-D, 2% cc, 1/4% k floe</u>	<u>13</u>			

## PRESSURES IN PSI

## SUMMARY

## VOLUMES

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_ PRESURUSH BBL -GAL. 10, 30, 10 TYPE 2% KCl, M.F., 2% k  
 BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_ LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_  
 AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_ TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL.-GAL. \_\_\_\_\_  
 SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 15-MIN. \_\_\_\_\_ CEMENT SLURRY: BBL.-GAL. 52 + 33  
 HYDRAULIC HORSEPOWER \_\_\_\_\_ TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_  
 AVERAGE RATES IN BPM \_\_\_\_\_  
 TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_  
 CEMENT LEFT IN PIPE \_\_\_\_\_  
 FEET 43.70 REASON Shoe Joint  
 REMARKS Good Returns  
M.S.D.S Left on Noreman Rig #1



HALLIBURTON

ORIGINAL

DATE 7-24-95 PAGE 1

JOB LOG HAL-2013-C

CUSTOMER Anadarko Pet. Corp WELL NO. A-1 LEASE Neptune JOB TYPE 035 (5 1/2 L.S.) TICKET NO. 811792

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

Table with columns: CHART NO., TIME, RATE (BPM), VOLUME (BBL) (GAL), PUMPS T C, PRESSURE (PSI) TUBING CASING, DESCRIPTION OF OPERATION AND MATERIALS. Contains handwritten entries for operations like 'Called out - Requested "now"', 'Run esg @ 5 1/2 1515 - 2298'', 'Hook-up to circ', 'Good Returns', 'Job Procedure', 'Hook-up to amt.', 'Pump KCL', 'Pump Mud Flush', 'Pump lead amt.', 'Pump trail amt.', 'Drop plug - wash-up test', 'Pump Displ.', 'Reduce Rate - 50 bbl in', 'Plug Down - 53 1/2 bbl in', 'Release Press. - Float "hold"', 'Good Returns - mud flush to surface'.

CONFIDENTIAL

Thank you!

Team + CREW

RELEASED KUC

RECEIVED KANSAS CORPORATION COMMISSION

MAR 11 1997

JAN 24

JAN 25 1996

FROM CONFIDENTIAL

CONFIDENTIAL

CONSERVATION DIVISION WICHITA, KS

Loc Time: 3 3/4 hrs. Pump Time: 39 mins.





HALLIBURTON ENERGY SERVICES

HAL-1906-N

ADDRESS **FINADARKO METROLEUM CORP**

CITY, STATE, ZIP CODE

No. 811792 - 3

PAGE 1 OF 2

SERVICE LOCATIONS

1. **25540** WELL/PROJECT NO. **A-1** LEASE **Neptune** COUNTY/PARISH **Martin** STATE **ks** CITY/OFFSHORE LOCATION **Halliburton** DATE **7-24-95** OWNER

2. **25535** TICKET TYPE  SERVICE NITROGEN JOB?  YES CONTRACTOR **Norseman** RIS NAME NO. **#2** SHIPPED VIA **HES** DELIVERED TO **well site** ORDER NO.

3. WELL TYPE WELL CATEGORY JOB PURPOSE WELL PERMIT NO. WELL LOCATION **LAND (17-335-41m)**

4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT	
		LOC	ACCT.	DF		U/M	U/M	PRICE			
000-117					MILEAGE	EA	mi	130	mi	2.75	357.50
001-016					Pump Charge	6	hr	2298	ft		1395.00
030-016					Tap plug	1	EA	5 1/2	in		60.00
018-315					Mud Flush	EA	gal	1260	gal	.65	819.00
314-163					Clay Fix II	EA	gal	2	gal	29.00	
12A	825.205				Guide shoe	1	EA	5 1/2	in		121.00
24A	815.19251				insert float	1	EA	5 1/2	in		110.00
27	815.19311				Fill Assy	1	EA	5 1/2	in		55.00
40	806.60022				Centralizer	14	EA	5 1/2	in	60.00	840.00

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

DATE SIGNED **Jan 11 1997** TIME SIGNED  A.M.  P.M.

do  do not require IPC (Instrument Protection).  Not offered

SUB SURFACE SAFETY VALVE WAS  PULLED & RETURNED  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

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 **3813.50**

FROM CONTINUATION PAGE(S) **4698.60**

SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE **8512.10**

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) **Jim Barlow** CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) **Jim Barlow** HALLIBURTON OPERATOR/ENGINEER **Tom Page** EMP # **48120** HALLIBURTON APPROVAL



TICKET CONTINUATION

CUSTOMER COPY

TICKET No. 811 792

HALLIBURTON ENERGY SERVICES

CUSTOMER Anadarko Petroleum Corp.

WELL Neptune #A-1

DATE 07-24-95

PAGE 2 OF 2

FORM 1911 R-10

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE	AMOUNT
		LOC	ACCT	DF		U/M	U/M		
504-050	516.00265				Premium Plus Cement	<del>200</del>	TKR	11 91	2382 00
507-210	890.50071				Flocele 1/4W/ 200	<del>50</del>	lb	1 65	82 50
508-406	890.50812				Calcium Chloride 2%W/ 200	4	sk	36 75	147 00
508-143	70.15524				Diacel D 20%W/ 110, 10%W/ 90	2914	lb	42	1223 88
<p>CONFIDENTIAL</p> <p>ORIGINA</p> <p>RELEASED MAR 11 1997</p> <p>FROM CONFIDENTIAL</p> <p>NOV JAN 24</p> <p>CONFIDENTIAL</p> <p>RECEIVED KANSAS CORPORATION COMMISSION JAN 25 1996</p> <p>CONSERVATION DIVISION WICHITA, KE</p>									
500-207					SERVICE CHARGE		CUBIC FEET	1 35	517 05
500-306					MILEAGE CHARGE	TOTAL WEIGHT 22084	LOADED MILES 33	95	346 17
							TON MILES 364.386		

CONTINUATION TOTAL 4698.61

No. B 209671