

15-195-20829-0003

ORIGINAL

FORM MUST BE TYPED

SIDE ONE

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

RECEIVED

JAN 18 2002

KCC WICHITA

Operator: License # 4549

Name: ANADARKO PETROLEUM CORPORATION

Address 701 S TAYLOR, SUITE 400

City/State/Zip AMARILLO, TX 79101

Purchaser: ANADARKO ENERGY SERVICES

Operator Contact Person: CRAIG R. WALTERS, P.E.

Phone (806) 457-4600

Contractor: Name: BORDER-LINE, INC.

License: 7840

Wellsite Geologist: NA

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: ANADARKO PETROLEUM CORPORATION

Well Name: BUSH B-1H

Comp. Date 3-13-85 Old Total Depth 6430

Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back 3350 PBDT  
 Commingled  Docket No.  
 Dual Completion  Docket No.  
 Other (SWD or Inj?)  Docket No. PENDING

7-12-2001 -- 8-27-2001  
~~DATE~~ Date of START Date Reached TD Completion Date of  
OF WORKOVER WORKOVER

API NO. 15- 175-20829-0003

County SEWARD

Sec. 25 Twp. 33 Rge. 33  E  W

1370 Feet from  X (circle one) Line of Section

1340 Feet from  X (circle one) Line of Section

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

Lease Name BUSH "B" Well # 1H

Field Name HUGOTON

Producing Formation HOLLENBERG, HERRINGTON

Elevation: Ground 2804 KB --

Total Depth 6430 PBDT 3350

Amount of Surface Pipe Set and Cemented at 1575 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 REWORK JH 3/14/02  
(Data must be collected from the Reserve Pit)  
NOT APPLICABLE

Chloride content                      ppm Fluid volume                      bbls

Dewatering method used                     

Location of fluid disposal if hauled offsite:                     

Operator Name                     

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.

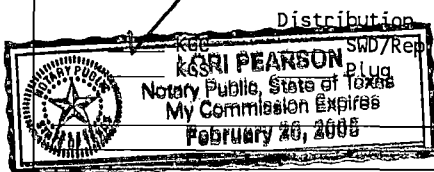
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Craig R. Walters  
Title DIVISION PRODUCTION ENGINEER Date 1/9/2002

Subscribed and sworn to before me this 9 day of January  
20 02.

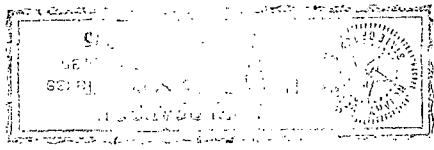
Notary Public Jeri Pearson  
Date Commission Expires 2/20/05

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received



Distribution  
 KCC  
 SWD/Rep  
 Plug  
 NGPA  
 Other  
(Specify)

Form ACO-1 (7-91)



X

**ORIGINAL**

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name BUSH "B" Well # 1H

Sec. 25 Twp. 33 Rge. 33  East County SEWARD  
 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:

Log Formation (Top), Depth and Datums  Sample  
 Name Top Datum  
 SEE ATTACHED ORIGINAL ACO-1

** Original Completion 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"	24.0	1575		750	
** PRODUCTION	7-7/8"	4-1/2"	11.6	6425		375	

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate		50/50 POZ/	220/	.4% HALAD-9, 1/8# POLYFLAKE/
<input type="checkbox"/> Protect Casing	3370-1835	CLASS C	125	NEAT
<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
4	2612-2121, 2632-2643		ACID W/ 1900 GAL 15% FeHCl	2612-2643
	CMT RETAINER @ 3350		FRAC W/ 34500 GAL 70 QUAL N2 FOAMED 20# DELTA FRAC GEL + 50000# 16/30 OTTAWA SND.	2612-2643
2	6322'-6326'			
2	6272'-6282'			

TUBING RECORD Size 2-3/8" Set At 2657 Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. 8-30-01 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours Oil 18 Bbls. Gas 21 Mcf Water 21 Bbls. Gas-Oil Ratio \_\_\_\_\_ Gravity \_\_\_\_\_

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.) METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled 2612-2643 OA Production Interval  Other (Specify) \_\_\_\_\_

RECEIVED

JAN 18 2002

KCC WICHITA

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 5469  
Name Anadarko Production Company  
Address Box 351  
City/State/Zip Liberal, Kansas 67901

Purchaser J. M. Petroleum Corporation  
Dallas, Texas 75201

Operator Contact Person Paul Gatlin  
Phone (316) 624-6253

Contractor: License # 7860  
Name Johnson Drilling Company, Inc.

Wellsite Geologist Carl J. Burdick  
Phone (303) 751-1222

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

If OWHO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
1/28/85 2/11/85 3/13/85  
Spud Date Date Reached TD Completion Date  
6430 6360  
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 1575 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set.....feet  
If alternate 2 completion, cement circulated from.....feet depth to.....v/.....SX cmt

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 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 drillers time log shall be attached with this form. 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 Paul Campbell  
Title Division Operations Manager Date 4/9/85

Subscribed and sworn to before me this 11th day of April 1985  
Notary Public Elizabeth D. Hooper  
Date Commission Expires Seward County, Kansas My Term Expires 12/26/87

ORIGINAL COPY

County Seward  
1370 FSL 1340 FEL  
Sec. 25 Twp 33S Rgo. 33  East  West

1370 Ft North from Southeast Corner of Section  
1340 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name Bush "B" Well # 1  
Field Name Evalyn

Producing Formation St. Louis

Elevation: Ground 2804 KB. 2817  
Section Plat

Section Plat grid showing elevations from 330 to 5280.

WATER SUPPLY INFORMATION  
Disposition of Produced Water:  Disposal  Repressuring  
Docket #

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717  
Source of Water:  
Division of Water Resources Permit T85-100

Groundwater 1370 Ft North from Southeast Corner  
1320 Ft West from Southeast Corner of  
Sec 25 Twp 33S Rgo 33  East  West

Surface Water.....Ft North from Southeast Corner  
(Stream, pond etc).....Ft West from Southeast Corner  
Sec Twp Rgo  East  West

Other (explain).....  
(purchased from city, R.W.D. #)

K.C.C. OFFICE USE ONLY  
 Letter of Confidentiality Attached  
 Wireline Log Received  
 Drillers Timelog Received  
Distribution  
 KCC  ShD/Rap  NGPA  
 XGS  Plug  Other  
(Specify)

Operator Name Anadarko Production Company Lease Name Bush "B" 11/1/85

RECEIVED

Sec. 25 Twp. 33S Rge. 33  East  West County Seward

ADDITIONAL

WELL LOG

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  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

Schlumberger ran Compensated Neutron/Lithodensity w/GR and Dual Induction/SFL.

Name	Top	Bottom
Surface, Clay & Sand	0'	300'
Redbed, Sand, & Shale	300'	1565'
Anhydrite	1565'	1580'
Shale	1580'	2560'
Lime & Shale	2560'	6430'

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings sat-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.O.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Surface	12-1/4	8-5/8	24	1575	Pozmix	550	3% CaCl
					Common	200	3% CaCl
Production	7-7/8	4-1/2	11.6	6425	Pozmix	375	10% Salt
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
2	6272-26			500 gal 15% MCA		6322-26	
2	6272-82			1000 gal 15% HCL		6272-82	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Size	Set At	Packer at			
3/13/85		2-3/8	6304				
Date of First Production		Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
119 Bbls		54.6 MCF	1/2 Bbls	459 CFPB	37.7 @ 60°		

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) ..... 6272-6326 OA....  
 Used on Lease  Dually Completed St. Louis.....  
 Comingled

# INVOICE

# ORIGINAL



**HALLIBURTON**

Remit to: P.O. Box 951046, Dallas, TX 75395-1046

59105

Wire Transfer Information

Account Number:

ABA Routing Number:

**Invoice Date: July 20, 2001**

**Invoice Number: 91037719**

**DIRECT CORRESPONDENCE TO:**

P.O. Box 1598  
 Liberal, KS 67905-1598  
 US  
 Tel: (620)624-3879  
 Fax: (620)624-9745

RECEIVED

JAN 18 2002

KCC WICHITA

Well Name: ANADARKO (BUSH B-1) SEWARD  
 Ship to: LIBERAL, KS 67901  
 SEWARD

Job Date: July 19, 2001  
 Cust. PO No.: N/A  
 Payment Terms: Net due in 20 days  
 Quote No.: 20725414  
 Sales Order No.: 1414835

Manual Ticket No.:  
 Shipping Point: LIBERAL Hwy 54 W. Ship Pt.  
 Mode of Transportation: ZI  
 Ultimate Destination Country: US  
 Customer Account No.: 300466

**TO:**

ANADARKO PETROLEUM CORPORATION  
 1707 WEST 2ND STREET  
 LIBERAL KS 67901  
 USA

Contract No.:  
 Contract from:  
 Contract to:

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
14099	PSL - CMT RECEMENT - BOM JP205	1	JOB					
1	"ZI-MILEAGE FROM NEAREST HES B 000-117 Number of Units	20	MI		5.03	100.60	24.14-	76.46
		1	unit					
2	MILEAGE FOR CEMENTING CREW,ZI 000-119 Number of Units	20	MI		2.96	59.20	14.21-	44.99
		1	unit					
16094	PLUG BACK/SPOT CEMENT OR MUD,Z 009-019 / PLUGGING BACK/SPOTTING CMT/MUD,0-4HRS ZI DEPTH FEET/METRES (FT/M)	1	EA		2,649.00	2,649.00	635.76-	2,013.24
		2,522						
		FT						
132	PORTABLE DAS./DAY/JOB,ZI 045-050 NUMBER OF DAYS 046-065	1	JOB		916.00	916.00	219.84-	696.16
		1	Days					
141	RCM II W/ADC./JOB,ZI NUMBER OF UNITS	1	JOB		916.00	0.00		0.00
		1	each					
*96039	SBM 7.5% FE ACID SBM 7.5% FE ACID	250	GAL		2.54	635.00	152.40-	482.60

# INVOICE



**HALLIBURTON**

Remit to: P.O. Box 951046, Dallas, TX 75395-1046

**RECEIVED**

Continuation

**ORIGINAL**

JAN 18 2002

Invoice Date: July 20, 2001

KCCWIGHTA Number: 91037719

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
*100003655	CHEM-LOSURF 300 - BULK XXXXXXX 516.00179 / CHEMICAL - LOSURF-300 - HALTANK / BULK - 7.59 LBS. PER GAL. / TOTES - 7.59 LBS. PER GAL.	1	GAL		52.59	52.59	12.62	39.97
*100003733	CHEM-CLA-STA XP XXXXXXX 516.00489 / CHEMICAL - CLA-STA XP - CLAY / STABILIZER F/LOW PERM FORMATIONS - / BULK	1	GAL		90.25	90.25	21.66	68.59
*100064251	CHEM-HAI-OS CRSN INHIB - 55 GA 516.01200 / CHEMICAL - HAI-OS CORROSION INHIBITOR / - 55 GAL	1	GAL		80.30	80.30	19.27	61.03
13954	STIM DELIVERY CHG LARGE UNITS 300-131 NUMBER OF HOURS	1 4.00	UN hr		160.00	640.00	153.60	486.40
*100012205	Cement- Class C / Premium Plus 504-050516.00265 / CEMENT - CLASS C - PREMIUM - BULK	25	SK		22.10	552.50	132.60	419.90
*3965	HANDLE&DUMP SVC CHRG, CMT&ADDI 500-207 NUMBER OF EACH	125 1	CF each		2.82	352.50	84.60	267.90
*76400	ZI MILEAGE,CMT MTLs DEL/RET MI 500-306 / MILEAGE,CMTG MTLs DEL/RET PER/TON MI.MIN NUMBER OF TONS	176 1.00	MI ton		1.72	302.72	72.65	230.07

INVOICE

Continuation ORIGINAL



HALLIBURTON®

Remit to: P.O. Box 951046, Dallas, TX 75395-1046

RECEIVED

JAN 18 2002

Invoice Date: July 20, 2001

KCO WICHITA Number: 91037719

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
	Total					6,430.66	1,543.35	4,887.31
	Sales Tax - State							76.91
	Sales Tax - County							6.53
	Sales Tax - City/Loc							15.71
	INVOICE TOTAL							4,986.46 US Dollars

LIB DIVISION  APC 10  AGC 20

Well Name \_\_\_\_\_

Loc# \_\_\_\_\_ AFE# 22480

Nom. Sub \_\_\_\_\_ Area Sup. \_\_\_\_\_

202 JUL 24 2001 \_\_\_\_\_

1503 \_\_\_\_\_

Work Description 582 job

Coded by \_\_\_\_\_ Date \_\_\_\_\_

Approved by \_\_\_\_\_ Date \_\_\_\_\_

*John Hammerschla*

8-1-01

Payment Terms:

If customer does not have an approved open account with Halliburton, all sums are payable in cash at the time of performance of services or delivery of equipment, products, or materials. If customer has an approved open account, Invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any amount, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.



# JOB SUMMARY

SALES ORDER NUMBER: 1410604  
JOB DATE: 07/17/01  
**ORIGINAL**

REGION <b>NORTH AMERICA LAND</b>	NWA / COUNTRY <b>USA</b>	BDA / STATE <b>KS</b>	COUNTY <b>SEWARD</b>
MBU ID / EMPL # <b>MCLIO103 106304</b>	H.E.S. EMPLOYEE NAME <b>TYCE DAVIS</b>	PSL DEPARTMENT <b>Cementing Services</b>	
LOCATION <b>LIBERAL KS</b>	COMPANY <b>ANADARKO PET CORP.</b>	CUSTOMER REP / PHONE <b>JIM HAMMERSCHMIDT 281-543-2347</b>	
TICKET AMOUNT <b>\$5,147.68</b>	WELL TYPE <b>01</b>	APIA# <b>15-175-20829-0001</b>	
WELL LOCATION <b>LAND N LIBERAL</b>	DEPARTMENT <b>CEMENT</b>	SAP BOMB NUMBER <b>7526</b>	Description <b>Squeeze Job</b>
LEASE NAME <b>BUSH</b>	Well No. <b>B-1</b>	SEC / TWP / RNG <b>25-33S-332</b>	HES FACILITY (CLOSEST TO WELL SITE) <b>LIBERAL KS.</b>

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Davis, T 106304	7.0			
Miller, A 126452	7.0			
Gonzales, R 224608	7.0			
Fredrick S 106114	7.0			

**RECEIVED****JAN 16 2002**

HES UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
10219237	20			
54029-75819	30			

**KCC WICHITA**

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
	7/17/01	7/17/01	7/17/01	7/17/01
Time	0400	0700	0830	1330

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

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing					0		
Liner							
Liner							
Tubing	USED	4.7	2 3/8		KB	2,465	
Drill Pipe							
Open Hole							Shots/Ft.
Perforations					2,522	2,524	
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		
Perfpac Balls	Qty.		
Other			
Other			
Other			
Other			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
7/17		7/17		SQUEEZE

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

Cement Data									
Stage	Sacks	Cement	Bulk/Sks	Additives			W/Rq.	Yield	Lbs/Gal
1	50	P+ 50/50POZ	BULK	4% HALAD-9,	1/8# POLYFLAKE		6.32	1.34	13.80
1	50	P+	BULK	NEAT			6.30	1.32	14.8

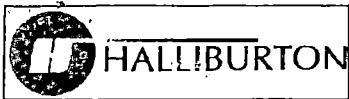
Summary							
Circulating Breakdown	Displacement	MAXIMUM	Preflush:	BBI	Type:		
			Load & Bkdn:	Gal - BBI	Pad:	Bbl - Gal	
Average Shut In: Instant	Frac. Gradient	5 Min.	15 Min.	Treatment:	Gal - BBI	Disp:	Bbl
				Cement Slurry	BBI		
				Total Volume	BBI	#VALUE!	

THE INFORMATION STATED HEREIN IS CORRECT  
 CUSTOMER REPRESENTATIVE

*Jim Hammerschmidt*  
 SIGNATURE







# Work Order Contract

Order Number

1410604

Halliburton Energy Services, Inc.  
Houston, Texas 77056**ORIGINAL**

70012 SAP

TO: HALLIBURTON ENERGY SERVICES, INC. - YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICE PERSONNEL TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO CUSTOMER LISTED BEEOW AND DELIVER AND SELL PRODUCTS, SUPPLIES AND MATERIALS FOR THE PURPOSE OF SERVICING:

Well No. B-1	Farm or Lease BUSH	County SEWARD	State KS	Well Permit Number 15-175-20829-0001
Customer ANADARKO PET CORP.		Well Owner ANADARKO PET CORP.		Job Purpose Squeeze Job

THIS WORK ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED

A. **CUSTOMER REPRESENTATION** - Customer warrants that the well is in proper condition to receive the services, equipment, products, and materials to be supplied by Halliburton Energy Services, Inc. (hereinafter "Halliburton").

B. **PRICE AND PAYMENT** - The services, equipment, products, and/or materials to be supplied hereunder are priced in accordance with Halliburton's current price list. All prices are exclusive of taxes. If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If Customer has an approved open account, invoices are payable on the twentieth day after the date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account. Customer agrees to pay attorney fees of 20% of the unpaid account, or Halliburton's actual attorneys fees, whichever is greater, plus all collection and court costs. Customer agrees that the amount of attorney fees set out herein are reasonable and necessary.

C. **RELEASE AND INDEMNITY** - Customer agrees to RELEASE Halliburton Group from any and all liability for any and all damages whatsoever to property of any kind owned by, in the possession of, or leased by Customer and those persons and entities Customer has the ability to bind by contract or which are co-interest owners or joint ventures with Customer. Customer also agrees to DEFEND, INDEMNIFY, AND HOLD HARMLESS Halliburton Group HARMLESS from and against any and all liability, claims, costs, expenses, attorney fees and damages whatsoever for personal injury, illness, death, property damage and loss resulting from:

loss of well control; services to control a wild well whether underground or above the surface; reservoir or underground damage, including loss of oil, gas, other mineral substances or water, surface damage arising from underground damage; damage to or loss of the well bore; subsurface trespass or any action in the nature thereof; fire, explosion; subsurface pressure, radioactivity, and pollution and contamination and its cleanup and control.

**CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS** obligations will apply even if the liability and claims are caused by the sole, concurrent, active or passive negligence, fault, or strict liability of one or more members of the Halliburton Group, the unseaworthiness of any vessel or any defect in the data, products, supplies, materials or equipment furnished by any member or members of the Halliburton Group whether in the design, manufacture, maintenance or marketing thereof or from a failure to warn of such defect. "Halliburton Group" is defined as Halliburton Energy Services, Inc., its parent, subsidiary, and affiliated companies, insurers and subcontractors and all their officers, directors, employees, consultants and agents. **CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS** obligations apply whether the personal injury, illness, death, property damage or loss is suffered by one or more members of the Halliburton Group, Customer, or any other person or entity. Customer agrees to support such obligations assumed herein with liability insurance with limits of not less than \$500,000. Customer agrees to name Halliburton Group as named additional insureds on all of its general liability policy(s). Customer agrees that its liability under this Contract is not limited by the amounts of its insurance coverage, except where and as may be required by applicable local law for the provisions of this Contract to be enforceable.

D. **EQUIPMENT LIABILITY** - Customer shall at its risk and expense attempt to recover any Halliburton Group equipment lost or lodged in the well. If the equipment is recovered and repairable, Customer shall pay the repair costs, unless caused by Halliburton's sole negligence. If the equipment is not recovered or is irreparable, Customer shall pay the replacement cost, unless caused by Halliburton's sole negligence. If a radioactive source becomes lost or lodged in the well, Customer shall meet all requirements of Section 39.15(a) of the Nuclear Regulatory Commission regulations and any other applicable laws or regulations concerning retrieval or abandonment and shall permit Halliburton to monitor the recovery or abandonment efforts all at no risk or liability to Halliburton Group. Customer shall be responsible for damage to or loss of Halliburton group equipment, products, and materials while in transit aboard Customer-supplied transportation, even if such is arranged by Halliburton at Customer's request, and during loading and unloading from such transport. Customer will also pay for the repair or replacement of Halliburton group equipment damaged by corrosion or abrasion due to well effluents.

E. **LIMITED WARRANTY** - Halliburton warrants only title to the equipment, products, and materials supplied under this Contract and that same are free from defects in workmanship and materials for thirty (30) days from the date of delivery. **THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE.** Halliburton's sole liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale, lease or use of any equipment, products, or materials is expressly limited to the replacement of such on their return to Halliburton or, at Halliburton's option, to the allowance to Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, consequential, or punitive damages. Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, **HALLIBURTON IS UNABLE TO GUARANTEE THE EFFECTIVENESS OF THE EQUIPMENT, MATERIALS, OR SERVICE, NOR THE ACCURACY OF ANY CHART INTERPRETATION, RESEARCH ANALYSIS, JOB RECOMMENDATION OR OTHER DATA FURNISHED BY HALLIBURTON GROUP.** Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton Group shall not be liable for and **CUSTOMER SHALL INDEMNIFY HALLIBURTON GROUP AGAINST ANY DAMAGES ARISING FROM THE USE OF SUCH INFORMATION, even if such is contributed to or caused by the active or passive negligence, fault or strict liability of any member or members of Halliburton Group.** Halliburton also does not warrant the accuracy of data transmitted by electronic process, and Halliburton will not be responsible for accidental or intentional interception of such data by third parties.

F. **GOVERNING LAW** - The validity, interpretation and construction of this Contract shall be determined by the laws of the jurisdiction where the services are performed or the equipment or materials are delivered.

G. **DISPUTE RESOLUTION** Customer and Halliburton agree that any dispute that may arise out of the performance of this Contract shall be resolved by binding arbitration by a panel of three arbitrators under the rules of the American Arbitration Association. The arbitration will take place in Houston, TX.

H. **SEVERABILITY** - If any provision or part thereof of this Contract shall be held to be invalid, void, or of no effect for any reason, such holding shall not be deemed to affect the validity of the remaining provisions of this Contract which can be given effect, without the invalid provision or part thereof, and to this end, the provisions of this Contract are declared to be severable. Customer and Halliburton agree that any provision of this Contract that is unenforceable or void under applicable law will be modified to achieve the intent of the parties hereunder to the greatest extent allowed by applicable law.

I. **MODIFICATIONS** - Customer agrees that Halliburton shall not be bound by any modifications to this Contract, except where such modification is made in writing by a duly authorized executive officer of Halliburton. Requests for modifications should be directed to the Vice President - Legal, 4100 Clinton Drive, Houston, TX. 77020.

I HAVE READ AND UNDERSTAND THIS WORK ORDER CONTRACT WHICH CONTAINS RELEASE AND INDEMNITY LANGUAGE WHICH CUSTOMER ACKNOWLEDGES IS CONSPICUOUS AND AFFORDS FAIR AND ADEQUATE NOTICE AND I REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED

CUSTOMER Authorized Signatory

DATE: 7-17-01

TIME: 0700

Customer Acceptance of Materials and Services

THE CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE MATERIALS AND SERVICES DESCRIBED ON THE ATTACHED

ORDER NUMBER 1410604

CUSTOMER Authorized Signatory

# JOB SUMMARY

SALES ORDER NUMBER 1414835	TICKET DATE 07/19/01
BDA / STATE KS	COUNTY SEWARD
PSL DEPARTMENT Cementing Services	
CUSTOMER REP / PHONE JIM HAMMERSCHMIDT	
API/AMI #	
SAP BOMB NUMBER 14118	Description Squeeze Hole in Casing
HES FACILITY (CLOSEST TO WELL SITE) LIBERAL	

REGION NORTH AMERICA LAND	NWA / COUNTRY MID CONTINENT USA
NBU ID / EMPL # MCL10110 106328	H.E.S. EMPLOYEE NAME NICK KORBE
LOCATION LIBERAL	COMPANY ANADARKO PET. CORP.
TICKET AMOUNT \$5,223.95	WELL TYPE GAS
WELL LOCATION N OF LIBERAL	DEPARTMENT CEMENT
LEASE NAME BUSH	SEC / TWP / RNG B-1 25-33-33S

**ORIGINAL**

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Korbe, N 106328	6.0	JOSE V 4	4.0	
King, K 105742	6.0			
WHITE, L 232712	6.0			
Garza, C 194445	6.0			

**RECEIVED**

HES. UNT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
421270	27			
10219237	27			
10243558/75818	50			
529211/78067	27			

JAN 16 2002

**KCC WICHITA**

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
	07/19/2001	07/19/2001	07/19/2001	07/19/2001
Time	0400	0630	0830	1230

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

Well Data		From	To	Max. Allow
Casing	USED 11.6	0	3,350	
Liner				
Liner				
Tubing	USED 4.7		2,312	
Drill Pipe				
Open Hole				Shots/Ft.
Perforations				
Perforations				
Perforations				

Materials		Density	Lb/Gal
Mud Type			
Disp. Fluid			
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			
Other			

Hours On Location	Operating Hours	Description of Job
Date 7/19	Hours 6.0	SQUEEZE
Total	6.0	2.5

Ordered \_\_\_\_\_ Hydraulic Horsepower \_\_\_\_\_ Used \_\_\_\_\_  
 Average Rates in BPM \_\_\_\_\_  
 Treating \_\_\_\_\_ Disp. \_\_\_\_\_ Overall \_\_\_\_\_  
 Cement Left in Pipe \_\_\_\_\_  
 Feet 190 Reason PACKER TO HOLES

Cement Data				W/Rq.	Yield	Lbs/Gal
Stage	Sacks	Cement	Bulk/Sks			
	25	PREM.PLUS	BULK NEAT	6.30	1.34	14.80

Summary			
Circulating	Displacement	Preflush: BBI	Type: _____
Breakdown	MAXIMUM	Load & Bkdn: Gal - BBI	Pad: Bbl - Gal _____
Lost Returns	Actual TOC	Excess / Return BBI	Calc. Disp Bbl _____
Cmt Rtrn #Bbl	Frac. Gradient	Calc. TOC: _____	Actual Disp. 12
Average	5 Min. 15 Min.	Treatment: Gal - BBI	Disp: Bbl _____
Shut In: Instant		Cement Slurry BBI	12.0
		Total Volume BBI	#VALUE!

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

THE INFORMATION STATED HEREIN IS CORRECT  
 CUSTOMER REPRESENTATIVE *Jim Hammerschmidt* SIGNATURE





Work Order Contract

Order Number 1414835

Halliburton Energy Services, Inc.
Houston, Texas 77056

ORIGINAL

70012 SAP

TO: HALLIBURTON ENERGY SERVICES, INC. - YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICE PERSONNEL TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO CUSTOMER LISTED BEEOW AND DELIVER AND SELL PRODUCTS, SUPPLIES AND MATERIALS FOR THE PURPOSE OF SERVICING:

Table with 5 columns: Well No., Farm or Lease, County, State, Well Permit Number. Row 1: B-1, BUSH, SEWARD, KS. Row 2: ANADARKO PET. CORP., ANADARKO PET. CORP., Squeeze Hole in Casing.

THIS WORK ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED

A. CUSTOMER REPRESENTATION - Customer warrants that the well is in proper condition to receive the services, equipment, products, and materials to be supplied by Halliburton Energy Services, Inc (hereinafter "Halliburton")

B. PRICE AND PAYMENT - The services, equipment, products, and/or materials to be supplied hereunder are priced in accordance with Halliburton's current price list. All prices are exclusive of taxes. If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials.

C. RELEASE AND INDEMNITY - Customer agrees to RELEASE Halliburton Group from any and all liability for any and all damages whatsoever to property of any kind owned by, in the possession of, or leased by Customer and those persons and entities Customer has the ability to bind by contract or which are co-interest owners or joint ventures with Customer.

loss of well control, services to control a wild well whether underground or above the surface, reservoir or underground damage, including loss of oil, gas, other mineral substances or water, surface damage arising from underground damage, damage to or loss of the well bore, subsurface trespass or any action in the nature thereof, fire, explosion, subsurface pressure, radioactivity, and pollution and contamination and its cleanup and control.

CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS obligations will apply even if the liability and claims are caused by the sole, concurrent, active or passive negligence, fault, or strict liability of one or more members of the Halliburton Group, the unseaworthiness of any vessel or any defect in the data, products, supplies, materials or equipment furnished by any member or members of the Halliburton Group whether in the design, manufacture, maintenance or marketing thereof or from a failure to warn of such defect.

D. EQUIPMENT LIABILITY - Customer shall at its risk and expense attempt to recover any Halliburton Group equipment lost or lodged in the well. If the equipment is recovered and repairable, Customer shall pay the repair costs, unless caused by Halliburton's sole negligence. If the equipment is not recovered or is irreparable, Customer shall pay the replacement cost, unless caused by Halliburton's sole negligence.

E. LIMITED WARRANTY - Halliburton warrants only title to the equipment, products, and materials supplied under this Contract and that same are free from defects in workmanship and materials for thirty (30) days from the date of delivery. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's sole liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale, lease or use of any equipment, products, or materials is expressly limited to the replacement of such on their return to Halliburton or, at Halliburton's option, to the allowance to Customer of credit for the cost of such items.

F. GOVERNING LAW - The validity, interpretation and construction of this Contract shall be determined by the laws of the jurisdiction where the services are performed or the equipment or materials are delivered.

G. DISPUTE RESOLUTION Customer and Halliburton agree that any dispute that may arise out of the performance of this Contract shall be resolved by binding arbitration by a panel of three arbitrators under the rules or the American Arbitration Association. The arbitration will take place in Houston, TX.

H. SEVERABILITY - If any provision or part thereof of this Contract shall be held to be invalid, void, or of no effect for any reason, such holding shall not be deemed to affect the validity of the remaining provisions of this Contract which can be given effect, without the invalid provision or part thereof, and to this end, the provisions of this Contract are declared to be severable. Customer and Halliburton agree that any provision of this Contract that is unenforceable or void under applicable law will be modified to achieve the intent of the parties hereunder to the greatest extent allowed by applicable law.

I. MODIFICATIONS - Customer agrees that Halliburton shall not be bound by any modifications to this Contract, except where such modification is made in writing by a duly authorized executive officer of Halliburton. Requests for modifications should be directed to the Vice President - Legal, 4100 Clinton Drive, Houston, TX. 77020.

I HAVE READ AND UNDERSTAND THIS WORK ORDER CONTRACT WHICH CONTAINS RELEASE AND INDEMNITY LANGUAGE WHICH CUSTOMER ACKNOWLEDGES IS CONSPICUOUS AND AFFORDS FAIR AND ADEQUATE NOTICE AND I REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED:

[Signature]

CUSTOMER Authorized Signatory

DATE: 7-19

TIME: 0800

Customer Acceptance of Materials and Services

THE CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE MATERIALS AND SERVICES DESCRIBED ON THE ATTACHED ORDER NUMBER 1414835

[Signature]

CUSTOMER Authorized Signatory

RECEIVED

JAN 18 2002

KCC WICHITA

**RECEIVED**

JAN 18 2002

ANADARKO PETROLEUM CORPORATION  
 WELL HISTORY - RECOMPLETION  
 ONSHORE - U.S.

**ORIGINAL****KCC WICHITA**

BUSH B-1, EVALYN FIELD, 1370 FSL & 1340 FEL, SEC 25-33S-33W, SEWARD CO., KS, WI  
 1.00000, AFE #22480, TD 6430, PBDT 4980, PERFS: 4937-47 (KANSAS CITY A)  
 PRIOR STATUS: TA  
 OBJECTIVE: RECOMPLETE TO THE CHASE

- 07/12/01 PBDT 4920. **PERF SQZ HOLES.** MIRU PU, SWL. RIH W/ CIBP, SET @ 4920. RIH W/ DMP BAILER, SPOT 2 SXS SND ON CIBP. PERF 3418-20 (SQZ HOLES), 4 SPF, 90 DEG PHASING, TS 8. RIH W/ CMT RET, SET @ 3350. PREP TO SQZ.  
 CC: \$9,170
- 07/13/01 PBDT 3350. **CEMENT SQUEEZE.** TIH W/ TBG, STING INTO CMT RET. LOAD BS W/ 16 BBLs 2% KCL. CIRC W/ 45 BBLs 2% KCL, AR 2 BPM, AP 475. SQUEEZE W/ 170 SXS 50/50 POZ (MIXED @ 13.8 PPG) + 50 SXS CLASS C NEAT. DISPLACE W/ 12.5 BBLs FW. STING OUT. RO W/ 14 BBLs FW, CIRC 1/2 BBL CMT TO PIT. TOH W/ TBG. WOC. SDFN.  
 CC: \$19,268
- 07/14/01 PBDT 3350. **RUN SBT.** MIRU BAWL, RAN SBT LOG FROM 3345 TO 2210. WOO, EVAL CMT BOND.  
 CC: \$23,780
- 07/15-16/01 PBDT 3350. SD FOR W/E.  
 CC: \$23,780
- 07/17/01 PBDT 3350. **PERF SQZ HOLES.** MIRU WL, RIH W/ GR/CCL & 3-3/8 GUN, PERF 2522-2524 W/ 16 G CHARGES, 4 SPF, 90 DEG PHASING, TS 8, RDMO WL. TIH W/ 4-1/2 PKR & 2-3/8 TBG, SET PKR @ 2465. SION.  
 CC: \$28,250
- 07/18/01 PBDT 3350. **SQUEEZE.** MIRU HES. ESTABLISH INJECTION, 3 BPM @ 50#, GOOD BLW ON BS. SQUEEZE W/ 50 SXS 50/50 POZ (MIXED @ 13.8 PPG) + 50 SXS CLASS C NEAT (MIXED @ 14.8 PPG). DISP W/ 10.3 BBL FW. RLS PKR, RO. PULL 4 STNDS, SET PKR, PRESS UP TO 200#. SION.  
 CC: \$37,646
- 07/19/01 PBDT 3350. **DO.** RLSE PKR, TOH W/ TBG & PKR, TIH W/ BIT, DC, & 2-3/8 TBG, TAG CMT @ 2521, DO TO 2558, PRESS TST TO 500 PSIG, 5 MIN 460, 20 MIN 380, TIH TO PBDT, CIRC CLEAN, TOH W/ TBG, DC, & BIT, TIH W/ PKR & TBG, SET PKR @ 2312, PREP TO SQUEEZE. SION.  
 CC: \$43,746
- 07/20/01 PBDT 3350. **SQUEEZE.** MIRU HES. UNABLE TO EST INJ W/ 2% KCL W/ BIO, PMP 250 GALS 15% HCL, AR 1, AP 1300, PMP 25 SX CLASS C (MIXED @ 14.8 PPG), AR 0.5, AP 1500, FL W/ 11 BBLs FW. RDMO HES. RLSE PKR, TOH W/ TBG & PKR, TIH W/ BIT, DC, & TBG TO 2194. SION.  
 CC: \$52,167
- 07/21/01 PBDT 3350. **DO.** LWRD TBG & TAG CMT @ 2321, DO TO 2484, PRESS TST W/ 2% KCL W/ BIO TO 680, DID NOT HOLD, PRESS TST TO 500, LOST 50 PSIG IN 1.5 HRS, TIH W/ TBG TO PBDT, CIRC CLEAN, TOH LD DP & TBG. SION.  
 CC: \$58,112
- 07/22/01 PBDT 3350. SD FOR W/E.  
 CC: \$58,112
- 07/23/01 PBDT 3350. SD FOR W/E.  
 CC: \$58,112
- 07/24/01 PBDT 3350. **PERFORATE.** MIRU WL, RIH W/ GR/CCL/SBT/CSG HOLE NEUTRON, RUN F/ PBDT TO 1600. RIH W/ CCL & 3-3/8 CSG GUN, PERF 2612-21 (HOLLENBERG) AND 2632-2643 (HERRINGTON) W/ 4 SPF, 90 DEG PHASING, TS 80. RDMO WL. RIH

RECEIVED

JAN 18 2002

ANADARKO PETROLEUM CORPORATION  
WELL HISTORY - RECOMPLETION  
ONSHORE - U.S.

ORIGINAL

KCC WICHITA

BUSH B-1, EVALYN FIELD, 1370 FSL & 1340 FEL, SEC 25-33S-33W, SEWARD CO., KS, WI  
1.00000, AFE #22480, TD 6430, PBTD 4980, PERFS: 4937-47 (KANSAS CITY A)  
PRIOR STATUS: TA  
OBJECTIVE: RECOMLETE TO THE CHASE

W/ CSG SWB, SWB DWN 8 BBLs, WAIT 1 HR, RIH W/ CSG SWB, REC 1 BW, NSOG.  
SION. CC: \$66,375

07/25/01 PBTD 3350. **ACID STIMULATE**. SICP 0. RIH W/ CSG SWB, MAKE ONE SWAB RUN.  
IFL @ 2600, FFL @ 2700. TIH W/ RBP/BALL CATCHER, PKR, SN, & 2-3/8 TBG, SET  
RBP @ 2694, SET PKR @ 2535. MIRU HES, PRESS TST LINES TO 2500, ACIDIZE  
HOLLENBERG AND HERRINGTON W/ 1900 GALS 15% FEHCL W/ ADDITIVES + 114  
BS, FL W/ 11 BBLs 2% KCL W/ BIO. ISIP 20, 5 MIN 0. MP 2000, AP 700, AR 2.8.  
RDMO HES. RLSE PKR & KO BS, RLSE RBP & TOH W/ TBG, PKR, & RBP. TIH W/  
PKR, SN, & 2-3/8 TBG. RIH W/ TBG SWB, SWB DWN 22 BBLs, LST 2 HRS, DRY. IFL  
@ 2400, FFL DRY. CC: \$77,372

07/26/01 PBTD 3350. **SWAB TEST**. SICP 400, SITP 400. BLW WELL DWN. RIH W/ TBG SWB  
& SWB TST 7 HRS, REC 1 BF. LAST 2 HRS REC 0 BF. IFL SCATTERED. SION.  
CC: \$79,192

07/27/01 PBTD 3350 (HOLLENBERG, HERRINGTON). **FRAC CHASE FORMATION**. SICP 390,  
SITP 390. MIRU HES. FRAC DWN 2-3/8" TBG W/ 34,500 GALS 70 QUAL N2 FOAMED  
20# DELTA FRAC GEL + 50,000# 16/30 OTTAWA SND. MSC 4 PPG, MP 2356, AP 2140,  
MR 8.6 BPM, AR 8 BPM, ISIP 1368-1055-966-900. 264 BLTR. RDMO HES. FLWD  
WELL BACK ON 5/8" CK 5 HRS, REC 38 BF, LAST HR 8 BF. SION.  
CC: \$123,849

07/28/01 PBTD 3350 (HOLLENBERG, HERRINGTON). **SWAB TEST**. SITP 400. BLW DWN 2  
HRS, REC 8 BF, RLSE PKR, TOH W/ TBG & PKR, RIH W/ SP, TAG BRIDGE @ 2700,  
REC 5 GALS, BROKE THRU, TAG @ 3350, RIH W/ CSG SWB, SWB TST 5 HRS, REC 81  
BF, LST 2 HRS, REC 12 BFPH. IFL @ 1200. FFL @ 2200 SCTD. SHOW OF GAS.  
CC: \$126,029

07/29/01 PBTD 3350 (HOLLENBERG, HERRINGTON). **SD FOR W/E**. CC: \$126,029

07/30/01 PBTD 3350 (HOLLENBERG, HERRINGTON). **SD FOR W/E**. CC: \$126,029

07/31/01 PBTD 3350 (HOLLENBERG, HERRINGTON). **SWAB TEST**. SICP 310. BLW DWN,  
RIH W/ TBG SWB, SWB TST 10 HRS, REC 143 BF, LST 2 HRS, REC 9 BFPH. IFL @  
2000, FFL @ 2200 SCTD. GSOG AFTER EACH SWB RUN. RIH W/ SP, TAG BRIDGE @  
2750, BROKE THRU, NO FILL. SION. CC: \$128,209

08/01/01 PBTD 3350 (HOLLENBERG, HERRINGTON). **SWAB TEST**. SICP 280. BLW DWN,  
RIH W/ CSG SWB, SWB TST 12 HRS, REC 88 BF, LST 2 HRS, REC 6 BFPH. IFL @ 2000,  
FFL @ 2200 SCTD. RIH W/ SP, TAG SND @ 3270, CO TO 3285, REC 10 GALS. SION.  
CC: \$130,544

08/02/01 PBTD 3350 (HOLLENBERG, HERRINGTON). **SWAB TEST**. SICP 240. BLW DWN,  
RIH W/ CSG SWB, SWB TST 5 HRS, REC 45 BF, LST 2 HRS, REC 7 BFPH. IFL @ 2000,  
FFL @ 2200 SCTRD. TOH LD WS, RIH W/ SP, TAG @ 3345, CO TO 3350, REC 2 GAL,  
RIH W/ CSG SWB, SWB 1 HR, REC 9.5 BF. IFL @ 1800, FFL @ 2200. SION.  
CC: \$132,879

**RECEIVED**

JAN 18 2002

**ANADARKO PETROLEUM CORPORATION  
WELL HISTORY - RECOMPLETION  
ONSHORE - U.S.**

**ORIGINAL**

**KCC WICHITA**

**BUSH B-1, EVALYN FIELD, 1370 FSL & 1340 FEL, SEC 25-33S-33W, SEWARD CO., KS, WI  
1.00000, AFE #22480, TD 6430, PBD 4980, PERFS: 4937-47 (KANSAS CITY A)  
PRIOR STATUS: TA  
OBJECTIVE: RECOMPLETE TO THE CHASE**

08/03/01 PBD 3350 (HOLLENBERG, HERRINGTON). **RUN TUBING AND RODS. SICP 260.**  
RIH W/ SP, NO FILL. TIH W/ 15' OE MA, SN @ 2657, & 2-3/8 TBG TO SURF. ND BOP,  
TIH W/ PMP & RODS, SEAT PMP, LONG STROKE, GPA, RDMO PU. **DROP FROM  
REPORT.** CC: \$146,851

**FIRST DROPPED AND LAST REPORTED 08/03/01.**

08/23/01 PBD 3350 (HOLLENBERG, HERRINGTON). PMPD 8 HRS, 0 BO, 21 BW, 18 MCF, FCP  
30. CC: \$146,851

08/24/01 PBD 3350 (HOLLENBERG, HERRINGTON). PMPD 24 HRS, 0 BO, 132 BW, 38 MCF,  
FCP 30. CC: \$146,851

08/25/01 PBD 3350 (HOLLENBERG, HERRINGTON). PMPD 24 HRS, 0 BO, 123 BW, 49 MCF,  
FCP 25. CC: \$146,851

08/26/01 PBD 3350 (HOLLENBERG, HERRINGTON). PMPD 24 HRS, 0 BO, 120 BW, 51 MCF,  
FCP 25. CC: \$146,851

08/27/01 PBD 3350 (HOLLENBERG, HERRINGTON). PMPD 24 HRS, 0 BO, BW 15, MCF 40,  
FCP 25. PU DOWN. **DROP FROM REPORT.** CC: \$146,851

**FIRST DROPPED AND LAST REPORTED 08/27/01.**

09/04/01 PBD 3350 (HOLLENBERG, HERRINGTON). WO FLUID LEVEL TO GET PMPD DWN.  
**DROP FROM REPORT.** CC: \$146,851

**FIRST DROPPED 08/03/01 AND LAST REPORTED 09/04/01**

10/01/01 PBD 3350 (HOLLENBERG, HERRINGTON). WO DHI ORDERS. **DROP FROM  
REPORT.** CC: \$146,851

**FIRST DROPPED 08/03/01 AND LAST REPORTED 10/01/01**

11/01/01 PBD 3350 (HOLLENBERG, HERRINGTON). WO DHI ORDERS. **DROP FROM  
REPORT.** CC: \$146,851

**FIRST DROPPED 08/03/01 AND LAST REPORTED 11/01/01**

12/03/01 PBD 3350 (HOLLENBERG, HERRINGTON). WO DHI ORDERS. **DROP FROM  
REPORT.** CC: \$146,851