

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: ANADARKO TRADING COMPANY

Operator Contact Person: J. L. ASHTON

Phone (316) 624-6253 **RELEASED**

Contractor: Name: CHEYENNE DRILLING **SEP 16 1998**

License: 5382

Wellsite Geologist: NA **FROM CONFIDENTIAL**

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  SLOW  Temp. Abd.

Gas  ENHR  SIGM

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  PBTD

Commingled  Docket No. \_\_\_\_\_

Dual Completion  Docket No. \_\_\_\_\_

Other (SWD or Inj?)  Docket No. \_\_\_\_\_

1-17-97 1-19-97 2-8-97

Spud Date Date Reached TD Completion Date

API NO. 15- 129-21479-00-00

County MORTON

SE - SE - NW - NW Sec. 33 Twp. 33 Rge. 41 X W

1250 Feet from NX (circle one) Line of Section

1250 Feet from XW (circle one) Line of Section

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

Lease Name USA BAKER "G" Well # 2H

Field Name HUGOTON

Producing Formation CHASE

Elevation: Ground 3360 KB \_\_\_\_\_

Total Depth 2375 PBTD 2196

Amount of Surface Pipe Set and Cemented at 549 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 cnt.

Drilling Fluid Management Plan ALT 1 878 8-6-98  
(Data must be collected from the Reserve Pit)

Chloride content 9200 ppm Fluid volume 400 bbls

Dewatering method used DRY, BACKFILL & RESTORE LOCATION.

Location of fluid disposal hauled offsite: KCC 4-2-97

Operator Name MAR 31

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

Quarter 3 Sec. 33 Twp. 33 S Rng. 41 E/W

County \_\_\_\_\_ Docket No. \_\_\_\_\_

**CONFIDENTIAL**

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 3/31/97

Subscribed and sworn to before me this 31st day of March 19 97.

Notary Public L. Marc Harvey

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

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

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"/>	KGS	<input type="checkbox"/> Plug
<input type="checkbox"/>		<input checked="" type="checkbox"/> NGPA
		<input type="checkbox"/> Other (Specify)

ORIGINAL

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name USA BAKER "G" Well # 2H

Sec. 33 Twp. 33 Rge. 41 County MORTON
East 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.)
Samples Sent to Geological Survey
Cores Taken
Electric Log Run (Submit Copy.)
List All E.Logs Run: DIL, CNL-LDT, ML, CBL-GR.

Log Formation (Top), Depth and Datums
Name Top Datum
GLORIETTA 1008-1145
B/STONE CORRAL 1410
CHASE 2055
KRIDER 2096
WINFIELD 2158

CASING RECORD
Report all strings set-conductor, surface, intermediate, production, etc.
Table with columns: Purpose of String, Size Hole Drilled, Size Casing Set (In O.D.), Weight Lbs./Ft., Setting Depth, Type of Cement, # Sacks Used, Type and Percent Additives

ADDITIONAL CEMENTING/SQUEEZE RECORD
Table with columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives

PERFORATION RECORD - Bridge Plugs Set/Type
Acid, Fracture, Shot, Cement Squeeze Record
Table with columns: Shots Per Foot, Specify Footage of Each Interval Perforated, Amount and Kind of Material Used, Depth

TUBING RECORD
Date of First, Resumed Production, SWD or Inj.
Producing Method
Estimated Production Per 24 Hours
Table with columns: Size, Set At, Packer At, Liner Run, Oil Bbls., Gas Mcf, Water Bbls., Gas-Oil Ratio, Gravity

Disposition of Gas: Vented Sold Used on Lease
METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify)
Production Interval: 2102-2118'

KCC

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ORIGINAL

ANADARKO PETROLEUM CORPORATION  
USA BAKER G 2-H  
SECTION 33-T33S-R41W  
MORTON COUNTY, KANSAS

15-129-21479

COMMENCED: 01-17-97  
COMPLETED: 01-20-97

RELEASED

SEP 16 1998

SURFACE CASING: 549' OF 8 5/8" CMTD  
W/100 SKS MIDCON 3 + 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 - 549
RED BED	549 - 1016
GLORIETTA	1016 - 1141
RED BED	1141 - 2375 RTD

KCC

MAR 31

CONFIDENTIAL

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

CHEYENNE DRILLING, INC.

*Wray Valentine*

WRAY VALENTINE

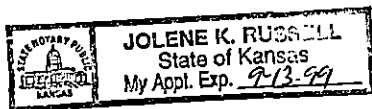
STATE OF KANSAS : ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 22ND DAY OF JANUARY, 1997.

RECEIVED  
KANSAS CORP COMM  
1997 APR - 2 P 1:24

JOLENE K. RUSSELL

*Jolene K Russell*  
NOTARY PUBLIC





# JOB SUMMARY

HALLIBURTON DIVISION  
HALLIBURTON LOCATION

Midcontinent  
Liberal

BILLED ON TICKET NO. 107349

CUSTOMER  
LEASE  
WELL NO.  
JOB TYPE  
DATE

### WELL DATA

FIELD \_\_\_\_\_ SEC. 33 TWP. T33S 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	23	8 5/8	KB	549	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

**ORIGINAL**

### JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 1-17-97	DATE 1-17-97	DATE 1-17-97	DATE 1-17-97
TIME 1500	TIME 1730	TIME 2151	TIME 2300

#### TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

#### PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
R Crist		
T Broadfoot		

#### 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 \_\_\_\_\_

RELEASED  
SEP 16 1998

DEPARTMENT 5001

DESCRIPTION OF JOB 010

JOB DONE THRU: TUBING  CASING  ANNULUS  TBG./ANN

CUSTOMER REPRESENTATIVE X Darlillo

HALLIBURTON OPERATOR Ron Crist

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

### CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	100	Midcon		B	3% CC, 1/4 #5k Flocele	3.22	11.1
	100	C		B	2% CC, 1/4 #5k	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 42 REASON Shoe Joint

### SUMMARY

### VOLUMES

PRESLUSH: BBL.-GAL. \_\_\_\_\_ TYPE \_\_\_\_\_

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

TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL.-GAL. 38.4

CEMENT SLURRY: BBL.-GAL. 57.34/23.5 TC

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

### REMARKS

Circulated 34SKS TO P.T.

010  
1-17-97

CUSTOMER	WELL NO.	LEASE	JOB TYPE	TICKET NO.
Anadarko	G-2H	USA Baker	010	107349

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1500							called out
	1730							ORIGINAL on loc Drilling Lack 100'
	2006							Reached TO circulating
	2021							Pull Drill Pipe
	2122							Run 549' 23" 8 5/8 CS9
	2151							CONFIDENTIAL CS9 Ran Hook up to circ.
	2158							Circ. To Pit
	2214							Hook up To cmt
	2218							0-1500 Start Lead cmt mid con @ 11.17%
	2228	6	57					150 lead cmt Pumped Start Tail
								— class C @ 14.87 gal
	2233		23.5					Tail cmt Pumped Shut Down
								— Drop Plug
	2239							0-150 Start Displac
	2238	6	25					150200 Slow Rate
	2242	2	9.5					200-700 Bump Plug Float Held
	2251							0-1100 Requested To Pressure Test
								CS9 @ 1500 PSI Pressured
								To 1100 PSI & had sudden drop in
								Pressure & Pipe Raised.
								reposition Pipe & Shut in
								MLC
								MAR 31
								CONFIDENTIAL
								Thanks For calling
								Halliburton Energy Serv
								Ron Tim & Sam
								RELEASED
								SEP 16 1998
								FROM CONFIDENTIAL

RECEIVED  
 SEP 17 1998  
 2 11 24



# JOB SUMMARY

HALLIBURTON DIVISION  
HALLIBURTON LOCATIONMID CONTINENT  
LIBERAL KS

BILLED ON TICKET NO. 106471

WELL DATA  
FIELD \_\_\_\_\_ SEC. 33 TWP. 33S RING 41W COUNTY MORTON STATE KSFORMATION 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	2246	
LINER	W	23	8 5/8	GL	549	
TUBING						
OPEN HOLE			7 7/8	BK	2375	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

**CONFIDENTIAL****ORIGINAL**

## JOB DATA

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>1-19-97</u>	DATE <u>1-19-97</u>	DATE <u>1-19-97</u>	DATE <u>1-19-97</u>
TIME <u>1700</u>	TIME <u>2030</u>	TIME <u>2200</u>	TIME

TOOLS AND ACCESSORIES		
TYPE AND SIZE	QTY.	MAKE
INSERT	1	H
FILLUP	1	
REGULAR	1	O
S-4	19	
W		
C		
O		

PERSONNEL AND SERVICE UNITS		
NAME	UNIT NO. & TYPE	LOCATION
T. BROADFOOT	420045	LIBERAL KS.
DY604		
J NICHOLAS	52447	"
G2098	75496	
S TELFORD	52920	HUGOTON KS.
H4817	75817	
		RECEIVED
		VEIL
		COMP
		1-19-97

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. **RELEASED**

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

NE AGENT TYPE \_\_\_\_\_ GAL. SEP 196 1008

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 CMT 5 1/2 LONG STRING

JOB DONE THRU: TUBING  CASING  ANNULUS  TBG/ANN.

CUSTOMER REPRESENTATIVE X Dastilla

HALLIBURTON OPERATOR T Broadfoot

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

## CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	100	MICCON <b>REM PLUS</b>		B	200 C.C. - 1/4 #/SK FLOCELE	3.22	11.1
1	120	" "		B	" "	2.0	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 34 REASON SHOE JT.

## SUMMARY

VOLUMES

PRESLUSH (BBL.-GAL.) 5 TYPE H<sup>2</sup>O

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

TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL.: BBL.-GAL. 52.6

CEMENT SLURRY: BBL.-GAL. 57.4 - 42.7

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

## REMARKS

MSDS ON LOC

10 BBL CMT PIT 18 SKS

CUSTOMER ANADARKO PETR. CORP. LEASE USA BAKER WELL NO. G-2-H JOB TYPE 5 1/2 LONG STRING DATE 1-19-97

CUSTOMER ANADARKO PETR. CORP. WELL NO. G-2H LEASE USA BAKER JOB TYPE 5 1/2 long STRING TICKET NO. 106471

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1700							CALLED OUT - READY 2100
	2030							ON LOC - RIGGING DOWN LOGGING
	2115							START CSG.
	2230							HOOK UP TO CIRCULATE
	2235							CIRCULATION TO PIT - SAFETY MEET.
	2255							HOOK OUT LINE
	2303	2	5					START H <sub>2</sub> O SPACER
	2306	6.3	57.4					START CMT. 11.1 #/GAL
	2315	6.3	42.7					START CRT TAIL 12.8 #/GAL
	2322	0	0					SHUT OFF WASH LINES - DROPPING
	2326	7	42.6					START DISPLACEMENT H <sub>2</sub> O
	2332	2	10					SLOW RATE 52.6 TOTAL BBL
	2337	-	-					PLUG LANDED - FLOAT HELD
								Job OVER
								THANKS FOR CALLING
								HALLIBURTON ENERGY SERVICES
								LIBERAL OKS
								HAVE A GOOD DAY
								BROADFOOT - NICHOLAS - TELFORD
								MSDS ON NOCT
								10 BBL CRT PIT 18 SKS.
								RELEASED
								SEP 16 1998
								FROM CONFIDENTIAL

ORIGINAL

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NOG  
MAR 31  
CONFIDENTIAL

RECEIVED  
MARS OFFICE  
SEP 16 1998