

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 ENERGY SERVICES

Operator Contact Person: DAVID W. KAPPLE

Phone (316) 624-6253

Contractor: Name: BEST WELL SERVICE

License: _____

Wellsite Geologist: _____

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: USA BAKER "G" No. 3

Comp. Date 5-13-98 Old Total Depth 5600

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back 3095 PBDT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

8-4-98 8-4-98 8-12-98
Spud Date Date Reached TD Completion Date
WEL/AA/TA CD# 195,113-C (C-28,362)

API NO. 15- 129-215540001

County MORTON

90°S&60°E OF N/2 - NE Sec. 33 Twp. 33 Rge. 41 E W

750 Feet from X (circle one) Line of Section

1260 Feet from X (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 # 3

Field Name HUGOTON

Producing Formation CHASE

Elevation: Ground 3359.7 KB _____

Total Depth 5600 PBDT 3095

Amount of Surface Pipe Set and Cemented at 1427 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 Re-work, 8-31-98 u.c.
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used DRY, BACKFILL & RESTORE LOCATION.

Location of fluid disposal if hauled offsite:

8-27-98
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 L. Marc Harvey

L. MARC HARVEY

Title DRILLING TECHNICAL ASSISTANT Date 08/24/98

Subscribed and sworn to before me this 21st day of August 19 98.

Notary Public Ireda L. Henry

Date Commission Expires _____

IREDA L. HENRY
Notary Public - State of Kansas
My Appt. Expires 5-15-99

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

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

X

ORIGINAL

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name USA BAKER "G" Well # 3

Sec. 33 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 (Attach Additional Sheets.) Samples Sent to Geological Survey Cores Taken Electric Log Run (Submit Copy.) List All E.Logs Run: NO NEW LOGS RUN. Log Formation (Top), Depth and Datums

CASING RECORD 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 Table with columns: 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

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

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

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

Operator: License # 4549

Name: ANADARKO PETROLEUM CORPORATION

Address P. O. BOX 351

City/State/Zip LIBERAL, KANSAS 67905-0351

Purchaser: NONE D&A (DEEP)

Operator Contact Person: DAVID W. KAPPLF

Phone (316) 624-6253

Contractor: Name: NORSEMAN DRILLING

License: 3779

Wellsite Geologist: _____

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PSTD
 Conmingle Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

5-4-98 5-12-98 5-13-98
Spud Date Date Reached TD Completion Date

API NO. 15- 129-215540000

County MORTON

90°S86°E OF N/2 - NE Sec. 33 Twp. 33 Rge. 41 X W E

750 Feet from (N)X (circle one) Line of Section

1260 Feet from (E)X (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 # 3

Field Name WILBURTON NE EXT.

Producing Formation NONE- D&A (DEEP)

Elevation: Ground 3359.7 KB _____

Total Depth 5600 PSTD 3095

Amount of Surface Pipe Set and Cemented at 1427 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
(Data must be collected from the Reserve Pit)

Chloride content 700 ppm Fluid volume 700 bbls

Dewatering method used DRY, BACKFILL & RESTORE LOCATION.

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License No. _____

1 Quarter Sec. 1 Twp. 33 S Rng. 41 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.

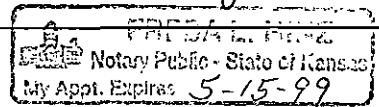
Signature L. Marc Harvey
L. MARC HARVEY

Title DRILLING TECHNICAL ASSISTANT Date 08/21/98

Subscribed and sworn to before me this 21st day of August
19 98.

Notary Public Freda L. Glines

Date Commission Expires _____



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

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

ORIGINAL

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name USA BAKER "G" Well # 3

Sec. 33 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.) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run (Submit Copy.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No List All E.Logs Run: CBL-CCL-GR, DIL, CNL-LDT, ML, BHC SONIC.	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>CHASE</td> <td>2108</td> <td></td> </tr> <tr> <td>COUNCIL GROVE</td> <td>2408</td> <td></td> </tr> <tr> <td>WABAUNSEE</td> <td>2830</td> <td></td> </tr> <tr> <td>TOPEKA</td> <td>3069</td> <td></td> </tr> <tr> <td>B/HIEBNER</td> <td>3489</td> <td></td> </tr> <tr> <td>LANSING</td> <td>3653</td> <td></td> </tr> <tr> <td>MARMATON</td> <td>4181</td> <td></td> </tr> <tr> <td>MORROW</td> <td>4850</td> <td></td> </tr> <tr> <td>MISSISSIPPIAN</td> <td>5330</td> <td></td> </tr> <tr> <td>ST. LOUIS</td> <td>5512</td> <td></td> </tr> </table>	Name	Top	Datum	CHASE	2108		COUNCIL GROVE	2408		WABAUNSEE	2830		TOPEKA	3069		B/HIEBNER	3489		LANSING	3653		MARMATON	4181		MORROW	4850		MISSISSIPPIAN	5330		ST. LOUIS	5512	
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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"	23.0	1427	CLASS C/ CLASS C.	280/100	16% GEL, 3% SALT, 1/4#SK FLC/ 2%CC, 1/4#SK FLC.
PRODUCTION	7-7/8"	5-1/2"	15.5	3144	P+ MIDCON 2	130	2%CC, 1/4#SK FLC.

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
___ Perforate					
___ Protect Casing					
___ Plug Back TD					
___ 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

TUBING RECORD Size Set At Packer At Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 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: METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, submit ACO-18.) Other (Specify) _____ NONE-D&A (DEEP)



JOB SUMMARY 4239-1

ORIGINAL

TICKET # 234040 TICKET DATE 5-13-98

REGION North America	HW/COUNTRY Mid Continent	BDA / STATE KS	COUNTY Morton
MBU ID / EMP # 110101 G3601	EMPLOYEE NAME D. McKane	PSL DEPARTMENT Zonal Isolation	
LOCATION Liberal	COMPANY Anadarko	CUSTOMER REP / PHONE	
TICKET AMOUNT	WELL TYPE 02	API / UWI #	
WELL LOCATION Lard	DEPARTMENT Zonal Isolation	JOB PURPOSE CODE G35	
LEASE / WELL # USA Baker G3	SEC / TWP / RNG 33 33s 41w		

HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS
B. Tomlinson J1832							
D. Sulk J0763							

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
38242	134						
52938-75058	134						
52827-7505	G2						

Form Name _____ Type: _____
 Form Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Misc. Data _____ Total Depth _____

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar Tisect 5/8	1	H
Float Shoe		
Guide Shoe Ring 5/8	1	O
Centralizers 5/8	13	
Bottom Plug		W
Top Plug 5W 5/8	1	
Head/IC 5/8	1	C
Packer		
Other		O

MATERIALS

Treat Fluid	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		

	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE	5-13-98	5-13-98	5-13-98	5-13-98
TIME	1530	1800	2220	2330

WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	N	15.5	5/8	3139	62	
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						
Open Hole						SHOTS/FT.
Perforations						
Perforations						
Perforations						

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
				See Job Log
TOTAL		TOTAL		

HYDRAULIC HORSEPOWER

ORDERED Avail. Used

TREATED AVERAGE RATES IN BPM Disp. Overall

FEET 38 CEMENT LEFT IN PIPE Reason Shoe Joint

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
	130	Mud Co. Pt	15	2% CC 9/16 Haled - 322	201	12.8
	25	Mud Co. Pt	15	2% CC 9/16 Haled - 322		

Circulating Breakdown	Displacement Maximum	Preflush: Gal (BBI) 20-10-8	Type Mud Super Fluid
Average	Frac Gradient	Load & Bkdn: Gal - BBI	Pad: BBI - Gal
Shut In: Instant	5 Min 15 Min	Treatment Gal - BBI	Disp: BBI - Gal 74
		Cement Slurr Gal (BBI) 46.5	
		Total Volume Gal - BBI	

Frac Ring #1 _____ Frac Ring #2 _____ Frac Ring #3 _____ Frac Ring #4 _____

THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER'S REPRESENTATIVE SIGNATURE _____



JOB LOG 4239-5

ORIGINAL

TICKET # 234040 TICKET DATE 5-13-98

REGION North America	NWA/COUNTRY M. of Columbia	BDA / STATE KS	COUNTY Wichita
MBU ID / EMP # 170101	EMPLOYEE NAME D. S. H.	PSL DEPARTMENT Zonal Isolation	
LOCATION Loral	COMPANY Halliburton	CUSTOMER REP / PHONE	
TICKET AMOUNT	WELL TYPE	API / UWI #	
WELL LOCATION Loral	DEPARTMENT Zonal Isolation	JOB PURPOSE CODE 035	
LEASE / WELL # USA R-ker	SECT / TWP / RNG 33 33 41.1		

HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS
B. Thompson 71532			
D. S. H. 70765			

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	1530							Job Ready Now
	1530							Called for Job
	1500							on Location the Laying Down D.P
	1900							Rig then Laying Down D.P
	1945							lay Down Rat & Mouse Hole
	2000							Rig up Csg Crew
	2017							Start Running Csg & Lost Equip
	2200							Csg on Bottom
	2210							Hook up PIC & Circulating Train
	2215							Start Circulating
	2220	2.5	5	✓		0		Plug Rat & Mouse Hole
	2240							thru Circulating
								Job Procedure 5 1/2 Long String
	2243		20	✓		2700		Start Fresh water
	2247		10	✓		200		Start Super Slush
	2250		8	✓		200		Start Fresh water
	2253		46.5	✓		200/100		Start Cement @ 12.8#/gal
	2259							then mixing cement
	2301							Shut Down / Release Plug
	2304		74	✓		4700		Wash up pumps & lines
	2317		74	✓		4700		Start Displacement
	2328			✓		300/200		Displacement Caught Cement @ 27 1998
	2330			✓		400/100		Slow Down Rate
				✓		1500/100		Plug Level
				✓		1500/100		Pressure up Csg
								Release Strat
								Start Hold

Thank you for calling Halliburton

Danny & Bryan & Crew



CEMENT JOB REPORT

ORIGINAL

PAGE of

CUSTOMER <i>A. M. ...</i>	DATE <i>9-20-68</i>	FR. NO. <i>12530075</i>	SERV. SUPV. <i>[Signature]</i>
LEASE & WELL NAME-OCSG <i>USA ...</i>	LOCATION <i>...</i>	COUNTY-PARISH-BLOCK	
DISTRICT	DRILLING CONTRACTOR RIG	TYPE OF JOB	

SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES				
TOP	BTM	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER	

MATERIALS FURNISHED BY BJ							
280 SKS "E" + 16 7/8 gal + 3% salt + 1/4 #1/8K collo plate		11.39	3.39	20.89		169	131
100 SK C + 2% calz + 1/4 #1/8K collo plate		14.8	1.39	6.21	2.30	23.9	15

Available Mix Water _____ Bbl. Available Displ. Fluid _____ Bbl. TOTAL _____

HOLE			TBG-CSG-D.P.			TBG-CSG-D.P.			COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	SIZE	WGT.	TYPE	DEPTH	SHOE	FLOAT	STAGE
12 1/2	20%	1427	8 5/8	24	JSS	1427 2710	-	-	-	-	1424	1414	-

CAL. DISPL. VOL.-Bbl.				CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		DISPL. FLUID		WATER
TBG.	CSG.	CSG.	TOTAL	BUMP PLUG	TO REV.	SG. PSI	RATED	OP.	RATED	OP.	TYPE	WGT.	SOURCE
-	89	-	89	450	-	-	-	-	295	2360	120	8.3	Rig

EXPLANATION: TROUBLE SETTING TOOL; RUNNING CSG, ETC. PRIOR TO CEMENTING:

PRESSURE / RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE-PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input type="checkbox"/> CO. REP. <input type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	PSI
						CIRCULATING WELL-RIG <input type="checkbox"/> BJ <input type="checkbox"/>	
2115						arrived on loc + spot cement	
2120						lay line to rig floor	
1A						Safety meeting	
120						plug head	
120						Pressure test 2000	
121	250	250	6.9	10	H2O	1120 cement	
124	250	250	6.9	169	Cmt	Lead cement	
150	300	300	9.9	23	Cmt	Tail cement	
155						drop plug	
200	350	350	6	79	H2O	drop cement	
215	350	350	2.5	10	H2O	Slow Rate	
220	900	450			H2O	Bump plug	
221	0	0				Read pressure + monitor float	

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL. CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP CEMENT	SERV. SUPV.
(1) ^N	450	(1) ^N	30	391	Surf		<i>[Signature]</i>