

FORM MUST BE TYPED

ORIGINAL

SIDE ONE

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: TEXACO TRADING & TRANSPORTATION, INC.

Operator Contact Person: DAVID W. KAPPLE

Phone (316) 624-6253

Contractor: Name: BIG "A" DRILLING

License: 31572

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: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

8-20-97 8-31-97 10-7-97
Spud Date Date Reached TD Completion Date

API NO. 15- 175-21653-00-00

County SEWARD

 - - E/2 - SE Sec. 24 Twp. 34 Rge. 33 X W

1320 Feet from X(S) (circle one) Line of Section

660 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 CORRELL "A" Well # 3

Field Name CONDIT

Producing Formation CHESTER

Elevation: Ground 2808 KB _____

Total Depth 6600 PBT 6320

Amount of Surface Pipe Set and Cemented at 1580 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 AH.L. 4-20-98 U.C.
(Data must be collected from the Reserve Pit)

Chloride content 1500 ppm Fluid volume 700 bbls

Dewatering method used DRY, BACKFILL & RESTORE LOCATION.

Location of fluid disposal if hauled offsite: _____

Operator Name 11-25-97

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 11-21-97

Subscribed and sworn to before me this 21st day of November 1997.

Notary Public Freda L. Hinz

Date Commission Expires _____

FRIEDA L. HINZ
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)

ORIGINAL

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name CORRELL "A" Well # 3

Sec. 24 Twp. 34 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: CBL-CCL-GR, DIL, CNL-LDT-ML.

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum
CHASE	2631	
COUNCIL GROVE	2985	
HEEBNER	4330	
TORONTO	4356	
LANSING	4500	
MARMATON	5186	
CHEROKEE	5433	
MORROW	5790	
CHESTER	6043	
STE. GENEVIEVE	6366	
ST. LOUIS	6534	

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	12-1/4"	8-5/8"	23.0	1580	P+ MIDCON 2/P+	350/100	3%CC, 1/4%SK FLC/2%CC, 1/4%SK FLC.
PRODUCTION	7-7/8"	5-1/2"	15.5	6529	VERSASET	180	.6% HALAD-322, 5% KCL, .9% VERSASET, 1/4%SK FLOCELE.

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<input type="checkbox"/> Perforate					
<input type="checkbox"/> Protect Casing					
<input type="checkbox"/> Plug Back TD					
<input type="checkbox"/> Plug Off Zone					

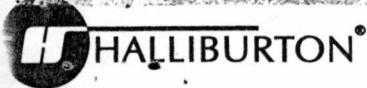
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
2	6375-6388, CIBP @ 6360.		ACID: 1300 GAL 7% FeHCL.	6375-6388
3	6334-6345, CIBP @ 6320.		ACID: 800 GAL 7% FeHCL.	6334-6345
3	6277-6288.		ACID: 600 GAL 7% FeHCL.	6277-6288
4	6184-6200		FRAC: 26040 GAL FOAMED GEL & 50000# 20/40 SD.	6277-6288

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	6279		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj. 10-8-97 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf TSTM	Water Bbls.	Gas-Oil Ratio TSTM	Gravity
	30		0		

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.) METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) 6277-6288



JOB LOG 4239-5

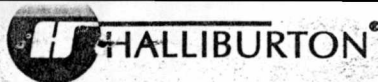
TICKET # 234877 TICKET DATE D-21-97

REGION <u>North America</u>	NWA/COUNTRY <u>USA Continent</u>	BDA / STATE <u>KS</u>	COUNTY
MBU ID / EMP # <u>110104 / 48120</u>	EMPLOYEE NAME <u>Tom Fayer</u>	PSL DEPARTMENT <u>Cement</u>	
LOCATION <u>Liberal</u>	COMPANY <u>HPC</u>	CUSTOMER REP / PHONE <u>John Sorling</u>	
TICKET AMOUNT	WELL TYPE <u>01</u>	API / UWI #	
WELL LOCATION <u>N Liberal</u>	DEPARTMENT <u>Cmt (Sul)</u>	JOB PURPOSE CODE <u>010</u>	
LEASE / WELL # <u>Summit 11-3</u>	SEC / TWP / RNG <u>24-34S-23W</u>		

ORIGINAL

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
<u>Tom Fayer</u>							
<u>John Sorling</u>							
<u>Hill</u>							

CHART NO.	TIME	RATE (BPM)	VOLUME (BBB)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	0330							Called out - Requested Now
	0520							ON Loc. - T.O.H.
	0625							Run csg
	0825							Hook up to pipe
	0840							Hook up to cart.
	0840-6	200		✓		↑ 2180		Pump lead
	0844	6	23	✓		↓ 1500		Pump fail
	0847	6-0				↓ 00%		Shut down - Drop plug
	0848	0-6	99	✓		↑ 2140		Pump Displacement - Wash up
	0835	6-2		✓		↓ 400/300		REDUCE RATE
	0838	2-0		✓		↑ 400/100		PLUG DOWN
	0840			✓		↓ 1100%		RELEASE PRESS - Plot hold
								RELEASE FROM Loc.
								Cement to Surface ✓
								Approx: 15 bbls or 26 sks
	0945							Called winch trk. (HES) pullout P.T.
	1020							Called mach.



JOB SUMMARY 4239-1

TICKET # 234623	TICKET DATE 9-2-97
BDA / STATE KS	COUNTY SEWARD
PSL DEPARTMENT CEMENT	CUSTOMER REP / PHONE O.J. STUCK 629-0058
API / UWI #	JOB PURPOSE CODE 035' 5/2 LONG STRING

REGION North America	NW/COUNTRY MID CONTINENT
MBU ID / EMP # LT104 62573	EMPLOYEE NAME JOHN WOODROW
LOCATION LIBERAL, KS	COMPANY ANADARKO PET
TICKET AMOUNT	WELL TYPE 02
WELL LOCATION E. LIBERAL	DEPARTMENT CEMENT
LEASE / WELL # CORRELL A-3	SEC / TWP / RNG 24-34S-33W

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
G. LAY			
J. FROST G 9775			

ORIGINAL

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
420044 P/U							
S 3554 / 7690 75104							
S 0404 / 6610							

Form Name _____ Type: _____
 Form Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Misc. Data _____ Total Depth **6600**

	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE	9-1-97	9-1-97	9-2-97	9-2-97
TIME	1700	2015		

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar		
Float Shoe		
Guide Shoe		
Centralizers		
Bottom Plug		
Top Plug		
Head		
Packer		
Other		

WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	N	15.5	5/2	GL	6529	
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						
Open Hole						SHOTS/FT.
Perforations						
Perforations						
Perforations						

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	
Perpac Balls	Qty.	
Other		
Other		
Other		
Other		

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
TOTAL		TOTAL		

HYDRAULIC HORSEPOWER
 ORDERED Avail. Used
AVERAGE RATES IN BPM
 TREATED Disp. Overall
CEMENT LEFT IN PIPE
 FEET **45** Reason **SHORT JOINT**

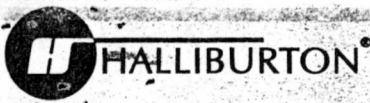
CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
	180	PREMIUM	B	.9% VKRSASET, 5% KCL, .6% HALAD-320	1.91	14.5

Circulating _____ Displacement _____	Preflush: Gal - (BBI) 10	Type SUPER PLUS
Breakdown _____ Maximum _____	Load & Bkdn: Gal - BBI	Pad: BBI - Gal
Average _____ Frac Gradient _____	Treatment Gal - BBI	Disp: (BBI) Gal 154.6
Shut In: Instant _____ 5 Min _____ 15 Min _____	Cement Slurr Gal - (BBI) 45.2	Total Volume Gal - BBI

Frac Ring #1	Frac Ring #2	Frac Ring #3	Frac Ring #4
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THE INFORMATION STATED HEREIN IS CORRECT CUSTOMER'S REPRESENTATIVE SIGNATURE *O.J. Stuck*



JOB LOG 4239-5

TICKET # 234623	TICKET DATE 9-2-77
BDA / STATE KS	COUNTY SCWARD
PSL DEPARTMENT CEMENT	CUSTOMER REP / PHONE O.S. STICK 627-0058
API / UWI #	JOB PURPOSE CODE 035' 5/2 LONG STRING

REGION North America	NWA/COUNTRY MID CONTINENT
MBU ID / EMP # LT104 62573	EMPLOYEE NAME JOHN WOODROW
LOCATION LEAPAL KS	COMPANY ANADARKO PET
TICKET AMOUNT	WELL TYPE 02
WELL LOCATION FURBERAL	DEPARTMENT CEMENT
LEASE / WELL # COOPER A-3	SEC / TWP / RNG 24-34S-33W

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
GUY			
J. FROST			

ORIGINAL

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	2100							JOB READY
	1700							CALLED OUT FOR JOB
	2015							PUMP TRUCK ON LOCATION / RIG LAYING
	5 5							DOWN DRILL PIPE / SET UP PUMP TRUCK
	2208							D. P LAYED DOWN
	5 5							LAY DOWN R-H + M-H
	2300							START RUNNING 5 1/2 CSG + FLT EQUIP
	0255							CASING ON BOTTOM (GL - 6529)
	0310							HOOK UP 5 1/2" P/C + GRC IRON
	5 1							START CIRCULATING WITH RIG PUMP
	0320							PLUG R-H + M-H WITH 25 SKS PT AT 14.8 ⁴⁹ /CA
								THROUGH CIRCULATING / HOOK UP TO PUMP TRUCK
								JOB PROCEEDS
	0332	6.0	8			4250		PUMP 8 BBL FRESH WATER SPACER
			10			250		PUMP 10 BBL SUPER FLUSH
			8			2500		PUMP 8 BBL FRESH WATER SPACER
			46.8					MIX 180 SKS P VERSASRT CMT AT 14.5 ⁴⁹ /CA
	0397					0		THROUGH MIXING CMT / SHUT DOWN
	0348							WASH OUT PUMP + LINES / RELEASE PLUG
	0347							START DISPLACING
						150		MAN LIFT PRESSURE BEFORE LANDING PLUG
	0418		156			250/180		PLUG DOWN / RELEASE FLOAT
								FLOAT HILD

THANK YOU FOR CALLING HALLIBURTON

WOODY + CLIVE