

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. KAPPLF

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  PBD

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

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

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

12-2-97 12-10-97 3-29-98

Spud Date 12-2-97 Date Reached TD. 12-10-97 Completion Date 3-29-98

API NO. 15- 175-21683 - 00 00

County SEWARD

AP - SE - SE - SE Sec. 6 Twp. 35 Rge. 32 X W

400 Feet from X  (circle one) Line of Section

400 Feet from  X (circle one) Line of Section

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

Lease Name BOX "A" Well # 1

Field Name CONDIT

Producing Formation MORROW

Elevation: Ground 2754.1 KB \_\_\_\_\_

Total Depth 6700 PBD 6090

Amount of Surface Pipe Set and Cemented at 1615 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 AIF-1, 5-26-98 U.C.  
(Data must be collected from the Reserve Pit)

Chloride content 1450 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. \_\_\_\_\_

\_\_\_\_\_ 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 4-1-98

Subscribed and sworn to before me this 1st day of April 19 98.

Notary Public Freda L. Minz

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

**A. FREDA L. MINZ**  
 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)

**APR 2 1998**

4-2-98

SIDE TWO

ORIGINAL

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name BOX #8 Well # 1

Sec. 6 Twp. 35 Rge. 32  
 East  
 West

County SEWARD

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	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	CHASE	2593	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	COUNCIL GROVE	2946	
List All E.Logs Run: SBT-CCL-GR, DIL, CNL-LDT-ML.		HEEBNER	4340	
		TORONTO	4384	
		LANSING	4526	
		MARMATON	5214	
		CHEROKEE	5494	
		MORROW	5850	
		CHESTER	6108	
		STE. GENEVIEVE	6480	
		ST. LOUIS	6608	

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	1615	P+ MIDCON 2/ P+	355/100	3%CC, 1/4%SK FLC/ 2%CC, 1/4%SK FLC.
PRODUCTION	7/7/8"	5-1/2"	15.5	6698	50/50 POZ/ 50/50 POZ.	25/225	.6% HALAD 322, 10% SALT, 1/4%SK FLC/ SAME.

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

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
3	6608-6619, CIBP @ 6550.		ACID: 1700 GAL 15% FeHCL.	6608-6619
3	6412-6420, 6438-6442, 6446-6454, CIBP @ 6240.		ACID: 1500 GAL 7% FeHCL.	6412-6454 (OA)
2	6124-6127, 6132-6135, 6141-6144, 6152-6154, 6160-6165, 6177-6186, CIBP @ 6090.		ACID: 1875 GAL 15% FeHCL.	6124-6186 (OA)
3	6037-6044, 6051-6060.		ACID: 1000 GAL 7% FeHCL. FRAC: 29000 GAL FMD GEL & 47000# 20/40 SD.	6037-6060 (OA) 6037-6060 (OA)
TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj. WOPL		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 Bbls.	Gas Mcf 1500	Water Bbls. 0	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  Other (Specify) \_\_\_\_\_

Production Interval: 6037-6060 (OA)



JOB SUMMARY 4239-1

TICKET # <b>234813</b>	TICKET DATE <b>12-3-97</b>
BDA / STATE <b>KS</b>	COUNTY <b>SEWARD</b>
PSL DEPARTMENT <b>CEMENT</b>	
CUSTOMER REP / PHONE	
API / UWI #	
JOB PURPOSE CODE <b>010-8 1/2 SURFACE</b>	

REGIO <b>North America</b>	NWA/COUNTRY <b>MID CONTINENT</b>
MBU ID / EMP # <b>L1104 62573</b>	EMPLOYEE NAME <b>JOHN WOODROW</b>
LOCATION <b>LIBERAL, KS</b>	COMPANY <b>ANADARKO PET</b>
TICKET AMOUNT	WELL TYPE <b>02</b>
WELL LOCATION <b>E. LIBERAL</b>	DEPARTMENT <b>CEMENT</b>
LEASE / WELL # <b>BOX A-1</b>	SEC / TWP / RNG <b>6-25S-32W</b>

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>G. HUMPHRIES H9692</b>			
<b>D. HAMILTON G3090</b>			
<b>L. PATTERSON H5760</b>			

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
<b>5254/76900</b>	<b>8</b>						
<b>52276/7149</b>	<b>32</b>						
<b>52866/75237</b>	<b>32</b>						

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

DATE	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
	<b>12-3-97</b>	<b>12-3-97</b>	<b>12-3-97</b>	<b>12-3-97</b>
TIME	<b>0100</b>		<b>0730</b>	<b>1030</b>

**TOOLS AND ACCESSORIES**

TYPE AND SIZE	QTY	MAKE
Float Collar <b>71500 9 1/2</b>	<b>1</b>	<b>H</b>
Float Shoe		
Guide Shoe <b>8 1/2</b>	<b>1</b>	<b>O</b>
Centralizers <b>S-41 2 1/2</b>	<b>4</b>	
Bottom Plug		<b>W</b>
Top Plug <b>S-61</b>	<b>1</b>	
Head <b>1/2</b>	<b>1</b>	<b>G</b>
Packet		
Other <b>BASKET</b>	<b>1</b>	<b>D</b>

**WELL DATA**

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	<b>N</b>	<b>23'</b>	<b>8 1/2</b>	<b>KB</b>	<b>1614</b>	
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 _____	
Perfpac Balls _____	Qty. _____	
Other _____		
Other _____		
Other _____		
Other _____		

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
<b>TOTAL</b>		<b>TOTAL</b>		

**HYDRAULIC HORSEPOWER**  
 ORDERED Avail. \_\_\_\_\_ Used \_\_\_\_\_  
**AVERAGE RATES IN BPM**  
 TREATED Disp. \_\_\_\_\_ Overall \_\_\_\_\_  
**CEMENT LEFT IN PIPE**  
 FEET **42** Reason **51108 JOINT**

**CEMENT DATA**

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
	<b>335</b>	<b>DE MONTON</b>	<b>B</b>	<b>3/4 CC 1/4 MOCRE</b>	<b>3.22</b>	<b>11.1</b>
	<b>100</b>	<b>PT</b>	<b>B</b>	<b>2/4 CC 1/4 MOCRE</b>	<b>1.32</b>	<b>19.8</b>
				<b>APR 2 1998</b>		

Circulating _____	Displacement _____	Preflush: Gal - BBI _____	Type _____
Breakdown _____	Maximum _____	Load & Bkdn: Gal - BBI _____	Pad: BBI, Gal _____
Average _____	Frac Gradient _____	Treatment Gal - BBI _____	Disp: BBI, Gal <b>100.5</b>
Shut In: Instant _____	5 Min _____ 15 Min _____	Cement Slurr Gal - BBI <b>192.00</b>	<b>23.5 FC</b>
		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 \_\_\_\_\_

TICKET #	234813	TICKET DATE	12-3-97
BDA / STATE	KS	COUNTY	SEWARD
PSL DEPARTMENT	CEMENT		
CUSTOMER REP / PHONE			
API / UWI #			
JOB PURPOSE CODE	010 - 2 1/4 SURFACE		

REGION	North America	NWA/COUNTRY	MID CONTINENT
MBU ID / EMP #	LI104 62573	EMPLOYEE NAME	JOHN WOODROW
LOCATION	LIBERAL KS	COMPANY	AWA JACO PET
TICKET AMOUNT		WELL TYPE	02
WELL LOCATION	E LIBERAL	DEPARTMENT	CEMENT
LEASE / WELL #	BOX A-1	SEC / TWP / RNG	6-35S-32W

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

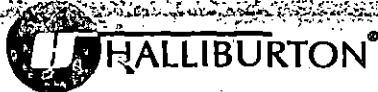
ORIGINAL

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	0100							JOB READY NOW
	0100							CALLED OUT FOR JOB
	0230							PUMP TRUCK ON LOCATION / RIC STILL DRIG
	0430							SET UP PUMP TRUCK
	0430							TOP OUT OF HOLE WITH DRILL PIPE
	0750							START RUNNING 8 1/2 CSG + FIT EQUIP CASING ON BOTTOM 16.37
	0845							WORK ON 2 1/2" P/L & CIRCULATING T-CON
	0900							START CIRCULATING WITH RIC PUMP
								10:00 SAFETY MEETING
								THROUGH CIRCULATING / WORK UP TO PUMP TRUCK
								JOB PROGRESS
	0930	8.0	192			9260		START MIXING 335 SCS LEAD COM AT 11.1 1/2" CH
	0955		335					MIX 100 SCS TAIL COM AT 14.9 1/2" CH
	1000							THROUGH MIXING COM / SHUT DOWN
	1001	6.5						RELEASE P/L / START DISPENSING
								HAVE 40 BAGS OUT / HAVE COM RETURN TO SURFACE
	1015		100			350/1000		P/L DOWN / RELEASE FLOAT
								FLOAT HELD
								CIRCULATED (LO BALL TO PIT 109 SCS)
								THANK YOU FOR CHOICE HALLIBURTON
								WOODY + STEVE

TAB 2

Wichita, Kansas





**JOB LOG** 4239-5

TICKET # 234275 TICKET DATE 12-12-87

REGION <b>North America</b>	NWA/COUNTRY	BDA / STATE <u>Ks</u>	COUNTY <u>...</u>
MBU ID / EMP # <u>...</u>	EMPLOYEE NAME <u>...</u>	PSL DEPARTMENT <u>...</u>	
LOCATION <u>...</u>	COMPANY <u>...</u>	CUSTOMER REP / PHONE	
TICKET AMOUNT	WELL TYPE <u>...</u>	API / UWI #	
WELL LOCATION <u>...</u>	DEPARTMENT <u>...</u>	JOB PURPOSE CODE <u>...</u>	
LEASE / WELL <u>...</u>	SEC / TWP / RNG <u>...</u>		

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

**ORIGINAL**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	0430							Time Called
	0730							Time Ready
	0700							Time out
								Run by Down DP + Max Hole + RT Hole
								Start Pump Logging
	1600							Casing in hole
	1615							Hookup to Circulate Casing
	1608							Circulate Casing
	1615							Circulate Mud to 2000 level
	1740							Hookup Rig RT + Max Hole
	1705							Hookup to Ring Travel
	1708	5	8			245		Start Water Flood
	1710		15			210		Start Spine Flush
	1712		18			235		Start Water Flood
	1718	6	18			260		Start Spine Flush
	1722					240		Start Cement
	1728		51.25			275		Final Plug Cement
	1750					0		Shut Down
	1752	6				150		Start Displacement
	1800	5.8	157.98			20		Run Down
						300		Release Press

Thanks

FOR ALL  
Colley

APR 2 1988

Charles G...

...