

RECEIVED
JUL 23 2001

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: NA

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. _____
5-7-98 5-18-98 6-2-98
Spud Date Date Reached TD Completion Date

API NO. 15- 175-21729-00-00
County SEWARD
NE NE NE Sec. 34 Twp. 34 Rge. 34 E
330 Feet from S/N (circle one) Line of Section
330 Feet from E/W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE, SE, NW or SW (circle one)
Lease Name HATCHER "C" Well # 1
Field Name ARCHER
Producing Formation ST. LOUIS
Elevation: Ground 2908.5 KB _____
Total Depth 6800 PBTD 6650
Amount of Surface Pipe Set and Cemented at 1634 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 ART 1 9-14-98
(Data must be collected from the Reserve Pit) DOW
Chloride content 1400 ppm Fluid volume 700 bbls
Dewatering method used DRY, BACKFILL & RESTORE LOCATION.
Location of fluid disposal if hauled offsite: _____
Operator Name KCC
Lease Name _____ License No. JUL 30 1998
Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W
County _____ Docket No. _____
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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 7-30-98
Subscribed and sworn to before me this 30th day of July
19 98.
Notary Public Freda L. Hinz
Date Commission Expires _____

FREDA L. HINZ
Notary Public - State of Kansas
My Appl. 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)

SIDE TWO

JAN 19 1980

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name HATCHER "C" Well # 1

Sec. 34 Twp. 34 Rge. 34 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: SBT-CCL-GR, DIL, MSFL, ML, CNL-LDT, LS SONIC, SGR.

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum
CHASE	2630	
COUNCIL GROVE	3001	
HEEBNER	4293	
TORONTO	4328	
LANSING	4444	
MARMATON	5154	
CHEROKEE	5459	
ATOKA	5626	
MORROW	5832	
CHESTER	6138	
STE. GENEVIEVE	6448	
ST. LOUIS	6482	
SPERGEN	6642	

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	1634	CLASS C/ CLASS C.	300/100	16% GEL, 3CC F/ 2CC, F.
PRODUCTION	7-7/8"	5-1/2"	15.5	6714	50/50 POZ/ 50/50 POZ.	25/160	.75% H322, 10% SALT, F/SAME.

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose: ___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			

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	
	4	6534-6556, 6565-6572		ACID: 3000 GAL 15% HCL.

TUBING RECORD Size 2 3/8" Set At 6608 Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 6-4-98 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	32	57	60	1781	38

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 6534-6572 (OA)



CEMENT JOB REPORT

RELEASED

APR 15-75-21729-00-00

MAR 28 2001

PAGE of

CUSTOMER ANADARKO		DATE 5-8-98		F.R.# 127310076		SERV. SUPPLY ALTON ALLEN								
LEASE & WELL NAME-OCSG HATCHER C-1		LOCATION SEC. 34 34S 34W		COUNTY-PARISH-BLOCK SEWARD, KS										
DISTRICT PERRYTON, TX		DRILLING CONTRACTOR RIG BIG A		TYPE OF JOB 8 5/8 SURFACE										
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES										
TOP	8 5/8 RUBBER			SLURRY WGT PPG	SLURRY YLD FT ³	WATER GFS	PUMP TIME HR:MIN							
BTM														
MATERIALS FURNISHED BY BJ														
300 SK C + 16% GEL + 3% SALT + 1#/SK CELLO FLAKE				11.38	3.39	20.85	6:00							
100 SKS C + 2% CaCl² + 1#/SK CELLO FLAKE				14.8	1.34	6.31	2:20							
Available Mix Water 200 Bbl.				Available Displ. Fluid 120 Bbl.		TOTAL 205 164								
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%	1639	8 5/8	24	J-55	1644					1639	1602		
LAST CASING		PKR-CMT RET-BR PL-LINER			PERF. DEPTH			TOP CONN		WELL FLUID				
SIZE	WGT.	TYPE	DEPTH	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.		
CAL. DISPL. VOL-Bbl			CAL. PSI		CAL. MAX PSI		OP. MAX		MAX TBG PSI		MAX CSG PSI		DISPL. FLUID	
TBG.	CSG.	C&G.	TOTAL	BUMP PLUG	TO REV.	OP. PSI	RATED	OP.	RATED	OP.	TYPE	WGT.	WATER SOURCE	
			102.1	285					2590	2360	H²O	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 checked="" type="checkbox"/> CO. REP. <input type="checkbox"/>								
	PIPE	ANNULUS				TEST LINES YES PSI 1500								
						CIRCULATING WELL-RIG <input type="checkbox"/> BJ <input type="checkbox"/>								
3:00 P.M.						ARRIVE ON LOCATION & SPOT EQUIPMENT.								
3:05						LAY LINE TO RIG FLOOR.								
3:45						SAFETY MEETING.								
4:37					H²O	PRESSURE TEST. 1500								
4:38	150	150	5.5	10	H²O	H²O AHEAD. KCC								
4:40	150	150	5.5	181	CMT	LEAD CEMENT.								
5:00	200	200	5	23	CMT	TAIL CEMENT. JUL 30 1998								
5:07						SHUT DOWN & DROP PLUG. CONFIDENTIAL								
5:07	375	375	5	92	H²O	DISPLACEMENT.								
5:27	375	375	2.5	10	H²O	SLOW RATE.								
5:30	900	500			H²O	BUMP PLUG.								
						BLEED OFF PRESSURE & MONITOR FLOAT.								
						FLOAT HELD.								
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BN. CMT RETURNS/ REVERSED	TOTAL Bbl. PUMPED	PSI LEFT ON CSG	SPOT TOP CEMENT	SERV. SUPPLY							
(Y)K	450	(Y)X	2 BBL	316	0	SURFACE	ALTON ALLEN							

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JOB SUMMARY 4239-1

REGION North America	NWA/COUNTRY MOJO CONTINENT	TICKET # 196533	TICKET DATE 5-20-98
MBU ID / EMP # HA0101 89377	EMPLOYEE NAME WAVE WILSON	BDA / STATE KANSAS	COUNTY SEWARD
LOCATION HAYS, KS	COMPANY ANADARKO PETROLEUM	PSL DEPARTMENT ZE	CUSTOMER REP / PHONE 05. STUCK RELEASED
TICKET AMOUNT 9874.69	WELL TYPE 01	API / UWI # 15-175-217290000	DATE MAY 28 2001
WELL LOCATION NW / LIBERAL, KS	DEPARTMENT ZE	JOB PURPOSE CODE 035	
LEASE / WELL # HATCHER C-1	SEC / TWP / RNG 34 - 34S - 34W		FROM CONFIDENTIAL

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
WILSON 89377 9 1/2			
RAJWES 143377 "			
ASHLEY 44061 "			

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
420995	10						
52947 - 75496	10						
51984 - 77031	75						

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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 INSERT	1	HOUZO
Float Shoe FALOP	1	"
Guide Shoe	1	"
Centralizers S-4	9	"
Bottom Plug		
Top Plug SW	1	"
Head PC		"
Packer		
Other		

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		

DATE TIME	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
	5-19-98 2300	5-20 0100	5-20 0800	5-20 1030

WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	N	15.5	5 1/2	KB	6714	
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						
Open Hole				6714	6800	SHOTS/FEET
Perforations						
Perforations						
Perforations						

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
5-20	9 1/2	5-20	2	CMT 5 1/2" CASING
				KCC
				JUL 30 1998
				CONFIDENTIAL
TOTAL		TOTAL		

HYDRAULIC HORSEPOWER

ORDERED	Avail.	Used
TREATED	AVERAGE RATES IN BPM	Overall
FEET 35'	CEMENT LEFT IN PIPE	Reason

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
LD	50	50/50 P02	B	10% SACT, .75% HACCAD 322, 14 # FLOCCEL	1.28	10.0
TL	160	" "	B	" "	1.28	14.4
25 SKS LD CMT TO PLUG RA - MH						

Circulating _____	Displacement _____	Preflush: Gal - BBI 8/10/8	Type H2O/SJMP/ASH/H2O
Breakdown _____	Maximum _____	Load & Bkdn: Gal - BBI	Pad: BBI Gal
Average _____	Frac Gradient _____	Treatment Gal - BBI	Disp: BBI Gal 159
Shut In: Instant _____	5 Min _____	Cement Slurr Gal - BBI 47.9	
	15 Min _____	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 *[Signature]*



JOB LOG 4239-5

TICKET #	196533	TICKET DATE	5-20-98
BDA / STATE	KANSAS	COUNTY	SEWARD
PSL DEPARTMENT	ZZ	CUSTOMER REP / PHONE	OT. STUCK
API / UWI #	15-175-217290000	JOB PURPOSE CODE	035

REGION	North America	NWA/COUNTRY	MID CONTINENT
MBU ID / EMP #	NAD101 89377	EMPLOYEE NAME	WAYNE WZSW
LOCATION	HAYS, KS	COMPANY	ANADARKO PETROLEUM
TICKET AMOUNT	9874.69	WELL TYPE	01
WELL LOCATION	NW / LIBERAL, KS	DEPARTMENT	ZZ
LEASE / WELL #	HATCHER C-1	SEC / TWP / RNG	34 - 34S - 34W

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
WZSW 89377/9 1/2			
DAVIS 83377 "			
ASHLY 44061 "			

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	2300							CALLS OUT
	0100							ON LOCATION - DISCUSS JOB PROCEDURE
	0410							START 5/2" CASING IN WELL
	0715							DEEP BALL-BREAK CIRCULATION - RECIPROATE CASING PLUG RAFFER 1/2" MAXIMUM - 3
1	0806	6	8		✓	250		PUMP 8 BBS WATER
			10		✓			PUMP 10 BBS SUPERFLUSH
			8		✓			PUMP 8 BBS WATER
	0812	6 1/2	0		✓	300		MIX CEMENT 25 SLS SCAVENGER 160 SO/SO P02
	0826		43.5					FINISH MIXING CEMENT
	0827							WASH OUT PUMP & LINES
	0828							RELEASE PLUG
	0830	6	0		✓	750		DISPLACE PLUG
	0858	3	159			2750		PLUG DOWN
	0900					2750		RELEASE PST
								OK FLOAT HELD
								WASH UP
								RACK UP
	1030							JOB COMPLETE

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THANK YOU

WAYNE, STERLING, CLINT