Form ACO-1 September 1999 Form must be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 4549	API NO. 15- 093-21746-
Name: Anadarko Petroleum Corporation	County Kearny
Address 1201 Lake Robbins Drive	
City/State/Zip The Woodlands, TX 77380	Feet from 9/N (circle one) Line of Section
Purchaser: RECEIVED KANSAS CORPORATION COM	MISSIGN W Feet from EW (circle one) Line of Section
Operator Contact Person: Jerry N. Blossom APR 1 3 200	Footages Calculated from Nearest Outside Section Corner:
Phone (832) 636-3128 CONSERVATION DIVISI	(circle one) NE SE NW (SW)
Contractor: Name: Murfin Drilling Co., Inc.	Lease Name <u>HJV Tate "E"</u> Well # <u>1</u>
License:30606	Field Name Wildcat
Wellsite Geologist:	Producing Formation N/A
Designate Type of Completion	Elevation: Ground 2999.5 Kelley Bushing 3006.5
x New Well Re-Entry Workover	Total Depth _5251' Plug Back Total Depth _N/A
	Amount of Surface Pipe Set and Cemented at 1895' Feet
Oil SWD SIOW Temp. Abd.	Multiple Stage Cementing Collar Used? Yes X No
Gas ENHR SIGW Dry Other (Core, WSW, Expl., Cathodic, etc.)	If yes, show depth setFeet
If Workover/Reentry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth tow/sx cmt.
Well Name:	Drilling Fluid Management Plan PAACE 6:4
Original Comp. Date Original Total Depth	(Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content 2240 ppm Fluid volume 800 bbls
Plug Back Plug Back Total Depth	Dewatering method used Evaporation
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	Operator Name
Other (SWD or Enhr?) Docket No	Lease NameLicense No
11/22/03 11/28/03 N/A//·29.03	QuarterSecTwpS RE \[\]
Spud Date or Date Reached TD Completion Date or Recompletion Date	County Docket No
Kansas 67202, within 120 days of the spud date, recompletion, work Information on side two of this form will be held confidential for a peri 82-3-107 for confidentiality in excess of 12 months). One copy of all CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with	th the Kansas Corporation Commission, 130 S. MarkeT - Room 2078, Wichita, kover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Idea of 12 months if requested in writing and submitted with the form (see rule wireline logs and geologist well report shall be attached with this form. ALL in all plugged wells. Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regulation are complete and correct to the best of my knowledge. Signature	ulate the oil and gas industry have been fully complied with and the statements
Title Staff Envir. & Regulatory Analyst Date 4	KCC Office Use ONLY
Sabs Ward sworr PERDITA CASTRON day of NOTARY PUBLIC NOTARY PUBLIC NOTARY PUBLIC NOTARY PUBLIC NY COMM. EXP. DEC. 3, 2005	Letter of Confidentiality Attached If Denied, Yes Date: Wireline Log Received Geologist Report Received UIC Distribution
Data-Commission Expires	OIO DISTIDUTION

				Cour						
Sec. 28 Twp. 25	S.R. <u>35</u>	East	X West	Cour	πy <u>F</u>	Tearny				
INSTRUCTIONS: Shot tested, time tool open a temperature, fluid reco Electric Wireline Logs s	and closed, flow overy, and flow	ng and shut-ir rates if gas	n pressure to surface	s, whether see during tes	shut-in	pressure reach	ed static level, h	ydrostatic p	oressures, bottom ho	
Orill Stem Tests Taken (Attach Additional St	neets.)	Yes	X No	[3	Log	F	Formation (Top), [Depth and D	oatums	
Samples Sent to Geolog	jical Survey	x Yes	☐ No	Na	me		Тор	Da	atum	
ores Taken		Yes	No							
lectric Log Run (Submit Copy.)		x Yes	☐ No	Chase			24961) 4 '	
ist All E.Logs Run:				Marma	cil Gr aton	cove	2750 ' 4398 '		50' L398	
erray Induction, (_	-	lcro	Morro			4832		L832 '	
	<u>-</u>			St. I	cuis		5045'	-2	2045 '	
urpose of String	Size Hole Drilled		ing	New r, surface, int Weight Lbs./Ft.		sed late, production Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	
Surface/	12-1/4"	8-5/8"		22.8		1895'	Premium	630	3%CC,.1%FWCA	
, , , , , , , , , , , , , , , , , , ,	<u> </u>			**			·			
		ADDI	TIONAL C	EMENTING	/SQUE	EZE RECORD				
Purpose Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of	Cement	#Sacks	#Sacks Used Type and Percent Additive				ves	
Shots Per Foot	PERFORATION Specify Foots	RECORD - Br age of Each In	idge Plugs terval Perf	Set/Type orated			e, Shot, Cement S <i>Kind of Material L</i>		ord Depth	
r					,	,				
UBING RECORD	Size	Set At		Packer At	t	Liner Run	Yes	No		
ate of First, Resurned	Production, SV	/D or Enhr.	Produc	cing Method	ГПР	umping 🎮 Ga	s Lift □ Othe	ər (Explain)		
Dry Hole Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate		Gas-Oil F		Gravity	
position of Gas:	METHOD C	F COMPLETION	LN		<u> </u>	· · · · · · · · · · · · · · · · · · ·	Production Interv	al .		
									and the second	
Vented Sold	Used on Le	ease [Open H	ole 🔲 Perf	oration	Dually Co	omp. Commine	gled		

MALLEURTO	SALES ORDER NUMBER										
REGION Central Operations	<u> </u>	NWA/COUNTRY Mid Contitnent	BDA / STATE COUNTY MC/Ks KEARNY								
MBU ID / EMPL # MCLIO103 212723		H.E.S EMPLOYEE NAME JERRAKO EVA				PSI DEPARTMENT Cement					
LOCATION		COMPANY		F1 184		CUSTOMER REP	/ PHONE				F4.00
LIBERAL TICKET AMOUNT		ANADARKO PE				KENNY API/UWI #	PARKS		6,	<u> 20-629-</u>	5136
\$16,462.71 WELL LOCATION		01 Oil	MSAS CO	REC	EIVED ATION COMMISSI	P BOMB NUM	BER	C = 2	a ant Curfa a	. Casin	
PLYMEL KS	Well No.	CEMENT SEC/TWP/RNG				7521	LOSEST TO WELL		nent Surfac	e Casin	g <u>*</u>]
HJV TATE	E-1	28 - 25S - 35W	A	PR 1	3 2004	LIBERA		01127			
HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS 7.0		CONS	HRS	ION DIVISION		HR	s			HRS
Lemieux, M 266575	7.0				TA, KS				001	<u> </u>	
Howard, A 285427	7.0 7.0			4					URI	GIA	IAI
Pollock T 106089 H.E.S. UNIT #S / (R / T MILES) R / T	MILES		R/	T MILES			R/TMIL	ES			R/T MILES
	60 60										
	0		- -				- i	+	***************************************		
	0										
Form. Name Form. Thickness From	Type:	То		Calle	ed Out	On Locati	on Jo	b St	tarted	Job Co	mpleted
Packer Type Bottom Hole Temp.	Set At Pressu		Date	1	1/24/2003	11/24/			/24/2003	11/2	24/2003
Retainer Depth	Total D	epth	Time		0200	0600			130		00
Tools and Acc	essories Itv	Make	<u> </u>		New/Used	Well Weight	Data Size Grad		From	То	Max. Allow
Float Collar FROPHY SEAL	1 HO	WCO	Casing]	NEW	24#	8 5/8"	—	0	1,911	
Centralizers S-4		MCO	Liner Liner				<u> </u>	+			
		WCO CO	Tubing Drill Pi								
Limit clamp	HO	WCO	Open	Hole			12 1/4"	上		1,895	Shots/Ft.
		WCO CO	Perfor			·	-	+			
BTM PLUG			Perfor	ations		O	1	1	<u> </u>	e l . l	
	sity	Lb/Gal	Dat	e I	Hours	Operating Date	Hours	j	Descriptio Cement Su		
Disp. Fluid Del Prop. Type Size	nsity	Lb/Gal	11/2	4	7.0	11/24	10.0	┨			
Prop. Type Size Acid Type Gal.		Lb						7			
Acid Type Gal.		%						1			
Surfactant Gal. NE Agent Gal.		in		,				1			
Fluid Loss Gal/Lb Gelling Agent Gal/Lb		In In						-			
Fric. Red. Gal/Lb		In	<u> </u>		70	+ -4-1	40.0	1			
	Gal/Lb	ln	Total	· L	7.0	Total	10.0				
Perfpac Balls	Qty.		Ordere	ad he	`	Hydraulio Avail.	c Horsepov	ver	Used	,	
Other Other						Average	Rates in Bl	PM	: .		
Other			Treatin			<u>Disp.</u> Cemen	t Left in Pip	е	Overall		
Other			Feet	44		Reason			SHOE J	OINT	
			Ce	ement	Data					٠	
Stage Sacks Cement Bu	lk/Sks	1/2# FLOCELE - 0.1	Additive		CC				W/Rq. 17.98	Yield 2.94	Lbs/Gal 11.40
2 150 PREM PLUS		2% CC - 1/4# FLOCI		- C /01					6.30	1.34	14.80
3 4											
	27/2002			,==		and a solding framework and the	enganismos e esperante				
Circulating	Displac	ement	Su	mman P	v reflush:	BBI	크라 스 또	1.40	Type:		MACH STATE
Breakdown Lost Returns-	MAXIM Lost Re	UM eturns-r			oad & Bkdn:(xcess /Return				Pad:Bbl -C Calc.Disp		
Cmt Rtrn#Bbl	Actual ⁻			c	alc. TOC:	Gal - BBI			Actual Dis		118
	5 Min.			c	ement Slurry	BBI	287.0		וטט.עפוט		
Frac Ring #1	Fra	c Ring # 2		T	otal Volume Frac Ring #	BBI ₹3	405.00		c Ring #4	and place of the second	الا مان الانواء ما أواد
THE INFORMATION STAT			ECT				1.783.2				
CUSTOMER REPRESENT	ATIVE					SIGNATURE					
L						DIGINATURE					

HALL		JRT			LOG		-24	2787339	11/24/03					
REGION Central O	peration	s		Conti	tnent/US	SA		BDA / STATE COUNTY MC/Ks KEARNY PSL DEPARTMENT						
MCLIO103	3 21	2723	JER		EVANS)		Cement						
LIBERAL.		····	ANA	DAR	O PETF	ROLEUM	CORP	CUSTOMER REP / PHONE KENNY PARKS	620-629-5136					
\$16,462.71	l		WELL TY	PE.	01 (Dil		API/UWI #						
WELL LOCATION PLYMEL	KS		DEPART	MENT IENT				JOB PURPOSE CODE	nt Surface Casing					
LEASE NAME HJV TATE		Well No	SEC/TW		15\//			HES FACILITY (CLOSEST TO W	ELL S					
HES EMP NAME/EMP # (E)		HR				HRS HESEMP N	IAME/EMP # (EXPOSU		HES EMP NAME/EMP # (EXPOSURE HOURS) HRS					
Evans, J 21	2723	7					′							
Lemieux, N	1 266575	7												
Howard, A	285427	7												
Pollock T 1	106089	7												
Ob and	T!	Rate				(1201)								
Chart No.	Time	(DDM)	Volume			s.(PSI)	-	Job Des	cription / Remarks					
140.	0200	(BPM)	(BBL)(GAL)	N2	CSG.	Tbg	CALLED	OUT FOR JOB						
	0600	1		 	RECE	VED	JOB REAL							
	0400			ANSAS	CORPORAT	ON COMMI		SAFETY MEETING						
	0530				APR 1	2004	T	CATION/ JOB SITE A	SSESMENT					
	0545				8 69 96 9		RIG UP TI	RUCKS						
				cc	NSERVATIO	N DIVISION	RIG PULL	ING DP						
	0600				WICHITA	, KS	RIG UP C	ASING CREW						
	0845			<u> </u>			 	SAFETY MEETING						
	0900						 	JNNING CASING & FI	E (8 5/8)					
	1025 1030						 	PC & CIRC IRON						
	1035						 	H RIG PUMP						
	1000					`	HOOK UP							
	1129				1700	/	TEST LINE							
	1133	6.0	251.0		75 V	/	START MI	XING LEAD CMT @1	1.4# (480 SX MIDCON C)					
	1218	6.0	36.0		100		START MI	XING TAIL CMT @14	.8# (150 SX PP)					
							THROUGH	MIXING / DROP PLU	G					
	1225	6.0	0-108		400 🗸			SP WITH FRESH WAT	rer					
	1248	2.0	108.0		375		SLOW RA							
	1252 1253	2.0	118.0		1100 1100-0		BUMP PLU							
	1233				1100-0		KELEASE	FLOAT HELD						
			25.0				CIRC CMT	TO PIT V						
							·		·					
							-							
							THANKS F	OR CALLING HALLIE	URTON					
			·				JERRAKO	& CREW						
		i												

			27 BDA / STATE	98894	HORETON	11/29/03							
Central Opera			Mid Contitne		t/USA				KEARNY				
MBU ID / EMPL # MCLIO101	212723		H.E.S EMPLOYEE NAME JERRAKO E	VANS			Cemen	t					
LOCATION LIBERAL			ANADARKO	PETROL	.EUN	I CORP	KENNY	P / PHONE PARKS		6	20-629	-5136	
TICKET AMOUNT \$8,564.05			WELL TYPE 01 Oil	m	CEI	/EN	API/UWI #						
WELL LOCATION PLYMELL, KS				NSAS CORP	ORATI(ON COMMISSION	5AP BOMB NUM 7528	/BER	Plug to	Abando	on	*	
LEASE NAME) 		. SEC / TWP / RNG				HES FACILITY	CLOSEST TO WELL	SITE).				
HJV TATE HES EMP NAME / EMP # / (E)	XPOSLIRE HOURS)	E-1	28-25S-35W		HRS	2004	LIBERA	∖L HR	s _			I A HRS	
Evans, J 212723		4.0		CONSER	ATION	I DIVISION				RI	付记	JAL	
Lemieux, M 26657 Ferguson, R 1061		4.0		WI	CHITA,	, KS			 	1 * '			
reiguson, K 1001	, JY												
H.E.S. UNIT #S / (R / T MILES		R/T MILES		R/	MILES			R/TMIL	.ES			R/T MILE	
102514	401	160											
10010752-1	0011272	50											
Form. Name	j	Type:						1					
Form. Thickness Packer Type		From Set A	To	Date	Call	ed Out 11/29/2003	On Loca:	tion J. /2003	ob Starte 11/29/	ed 2003	Job C	ompleted 29/2003	
Bottom Hole Ten	rıp.	Press	ure		'			ł					
Retainer Depth	Tools and A		Depth	Time	<u> </u>	1500	1700 Well		1730	a 3530		100	
Type and		Qty	Make	Casia		New/Used NEW		Size Grad			То	Max. Allow	
Float Collar Float Shoe				Casing Liner	<u> </u>	INEAA			+				
Centralizers Top Plug				Liner Tubing				4 1/2				•	
HEAD				Drill Pi	ре			1			2,950		
Limit clamp Weld-A				Open Perfor		2		7 7/8			5,750	Shots/Ft.	
Guide Shoe				Perfor	ations	3							
BTM PLUG	Materia	als.		Perfora Hours	ations On L	ocation	Operating	l a Hours	_L De	scriptio	n of Job	<u> </u>	
Mud Type Disp. Fluid		Density Density	Lb/Gal Lb/Gal	Dat 11/2	e	Hours 4.0	Date 11/29	Hours 6.0	_	ıg to Ab			
Prop. Type	Size)	Lb_						1 =				
Prop. Type Acid Type	Size Gal.		Lb										
Acid Type Surfactant	Gal. Gal.		// In										
NE Agent Fluid Loss	Gal. Gal/		in		_] =				
Gelling Agent	Gal	1 h	_ln _ln										
Fric. Red Breaker	Gal/ Gal/	Lb Lb	In	Total	-	4.0	Total	6.0					
Blocking Agent Perfpac Balls		Gal/Lb	·		<u> </u>								
Other		QIY.		Ordere	d ·	`	Avail.	ic Horsepo\		Used			
Other				Treatin	a		Average Disp.	Rates in B	PM Ov	erall			
Other							Cemer	nt Left in Pir	oe .		LOUIT		
Other				Feet			Reason			SHOE .	JOINT		
0410		D. J. (6)	T			: Data	:				·· · · · ·		
	Cement 0/60 POZ H	Bulk/Sks	6% TOTAL GEL	Additive PLUG @29	50 F7	Γ)				V/Rq. 7.59	Yield 1.53	Lbs/Gal 13.50	
2 50 4	0/60 POZ H		6% TOTAL GEL (PLUG @19	25 FT	Γ)				7.59 7.59	1.53 1.53	13.50 13.50	
	0/60 POZ H		6% TOTAL GEL							7.59 7.59	1.53	13.50 13.50	
1. 810 4.	1,1 12,7 4.		<u> </u>		nma	·	JRT 1 TW. 1	1.20	1-01/30/27	E TENER LE	J. Waley P. St		
Circulating	· · · · · · ·	Displa	cement		F	Preflush:	BBI		Typ	e:		98.7% (25.5%), ar	
Breakdown Lost Returns-\		MAXIN Lost R	eturns-l			oad & Bkdn: xcess /Return	gai - BBI		Pad Cal	d:Bbl -0 c.Disp	∋al Bbl p		
Cmt Rtrn#Bbl Average		Actual Frac. 0	TOC Gradient				Gal - BBI		Dis	ual Dis p:Bbl	p	35,24,9,	
Shut in: Instant		5 Min.	15 M	lin	<u> </u>	Calc. TOC: Treatment: Cement Slurry Total Volume	BBI	27,13.5,11, #VALUI	3,4,3				
Frac Ring #1	i i i i i i i i i i i i i i i i i i i	Fra				Frac Ring	#3	#VALU		ing # 4	- 11 J. A. P.		
			EREIN IS COR	RECT									
CUSTOMER	REPRESE	NTATIV	=				SIGNATURE	:					
							C.C. WALL						

ORIGINAL

HAL	_13L	PT				LOG				2798894	- 1	11/29/03				
REGION Central O	peration	s		Mid		tnent/US	 SA			BDA / STATE MC/Ks		CEARNY				
MBUID/EMPL# MCLIO10		2723		H.E.S EN	IPLOYEE N					PSL DEPARTMENT						
LOCATION	1 414	1 20		COMPAN	Y					Cement CUSTOMER REP / PHONE						
LIBERAL, TICKET AMOUNT				WELL TY		O PETF		.EUN	CORP	KENNY PARK	(5	620-629-5	136			
\$8,564.05				DEPARTA	AENIT	01 (<u> liC</u>			JOB PURPOSE CODE						
PLYMELL	., KS			CEM	ENT					HES FACILITY (CLOSEST T	Plug	to Abandon				
LEASE NAME HJV TATE		Well N	lo. -1	SEC / TW 28-25	P/RNG S-35V	y				HES FACILITY (CLOSEST T	O WELL	. \$				
HES EMP NAME/EMP # (I		Н	RS HES	EMP NAME/EN	IP#(EXPOSU	RE HOURS)	HRS	HES EMP N	IAME/EMP # (EXPOSU	RE HOURS)	HRS HE	S EMP NAME/EMP # (EXPOSURE HOURS)	HRS			
Evans, J 2		4	_				Ш			CEIVED						
Lemieux, I		4	┸					K	ANSAS CORP	ORATION COMMISSIC	M					
Ferguson,	R 106154	4	4				Щ		= APR	1 3 2004						
			1			r .	Ш		- 08 6 //							
Chart	Time	Rate	V	olume	Pate	Pres	- (D	SI)		ATION DIVISION	` }	ription / Remarks				
No.	Tille	(BPM)		L)(GAL)	N2	CSG.	T —	Tbg	- WK	CHITA, KS JOB L	Jesu	ription / Remarks				
110,	1500	(DFM)	(55)	L)(GAL)	142	000.	\vdash	ING	CALLED	OUT FOR JOB	t an earlier earlier.	in yeşiri. Mezirin oluş ağılık izinen gönek şek	44782.4			
	1500		\top	-			T		JOB REAL							
	1515								PRE-TRIP	SAFETY MEETIN	G					
	1700								PT ON LO	PT ON LOCATION/ JOB SITE ASSESMENT RIG UP TRUCKS						
	1715		_				<u> </u>									
			┿													
	1742		+-			1600	<u> </u>		HOOK UP							
	1742		+			1600	 		TEST LINES							
-	1746	5.0	+ :	27.0		0-125			1ST PLUG @2950 FT START MIXING CMT @13.5# (100SX 40/60POZ)							
	1751	5.0		35.0		75			1	SP WITH MUD	, (100		,			
	1758							~	SHUT DOV	WN START PULLIN	VG DI	P				
							` `		2ND PLUG	@1925 FT						
	1840	4.5		13.5		175				XING CMT @13.5#	# (50 S	SX 40/60POZ)				
	1843	6.0	 	24.0		200	<u> </u>			SP WITH MUD						
·	1850		+						3RD PLUG	WN START PULLIN	VG DI	•				
	1930	4.5	+1	11.0		50			 	XING CMT @13.5#	± /An •	SY 40/60PO7)				
	1932	5.0		9.0		25				SP WITH MUD	. 1-10 .					
	1934									VN START PULLIN	IG DE		***************************************			
									4TH PLUG	@40FT						
	2030	2.0		3.0						XING CMT @13.5#		***				
	2040	2.0	<u> </u>	7.0					 	& MOUSE HOLES	S (15	SX RAT, 10SX MOUSE)				
	2100		-						END JOB							
			+										-			
			+		-		·									
			1													
-			ļ													
		<u> </u>	 							OR CALLING HAL	LIBU	RTON				
	-		 						JERRAKO	& CKEW						