#### KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

Wireline Log Received

**Geologist Report Received** 

#### **WELL COMPLETION FORM**

OIL & GAS CONS	RATION COMMISSION ERVATION DIVISION  PLETION FORM RIPTION OF WELL & LEASECC WICHITA  Form ACO-1 October 2008  AUG 2 4 2010 PIGINAL
WELL COMF WELL HISTORY - DESCR	PLETION FORM  RIPTION OF WELL & LEASTCC WICHITA
4540	API NO. 15- 189-22699-00-00 WICHITA
OPERATOR: License #4549  Name:ANADARKO PETROLEUM CORPORATION	Spot Description:
	NE - NE - SW - SE Sec. 5 Twp. 32 S. R. 38 East X West
Address 1: P.O. BOX 1330	
Address 2:	1250 Feet from North / X South Line of Section
City <u>HOUSTON</u> State <u>TX</u> Zip: <u>77251</u> + <u>1330</u>	1390 Feet from X East / West Line of Section
Contact Person: METANTE WIGGINS	Footages Calculated from Nearest Outside Section Corner:
Phone ( 832) 636-1053	□ NE □ NW □ SE □ SW
CONTRACTOR: License #33784	County Stevens
Name: Trinidad Drilling LP	Lease Name Curtis A Well # 6H
Wellsite Geologist:	Field Name Hugoton
Purchaser: Anadarko Energy Services Company	Producing Formation Chase
Designate Type of Completion	Elevation: Ground 3173 Kelley Bushing
X New Well Re-Entry Workover	Total Depth 2935 Plug Back Total Depth
Oil SWD SIOW	Amount of Surface Pipe Set and Cemented at Feet
X Gas ENHR SIGW	Multiple Stage Cementing Collar Used? Yes X No
CM (Coal Bed Methane) Temp. Abd.	If yes, show depth setFeet
Dry Other (Core, WSW, Expl., Cathodic, etc.)	If Alternate II completion, cement circulated from
If Workover/Reentry: Old Well Info as follows:	feet depth tow/sx cmt.
Operator:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Well Name:	
Original Comp. Date Original Total Depth	Chloride content 4200 ppm Fluid volume 65 bbls
Deepening Re-perf Conv.to Enhr Conv.to SWD	Dewatering method used HAUL OFF
Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled	Operator Name ANADARKO PETROLEUM CORPORATION
	Lease Name KEEFER A 1 License No. 4549
Other (SWD or Enhr?) Docket No 04/22/2010	Quarter SW Sec. 13 Twp. 32 S.R. 38 East X West
Spud Date or Recompletion Date  Date Reached TD Recompletion Date  Completion Date or Recompletion Date	County STEVENS Docket No. D17157
Kansas 67202, within 120 days of the spud date, recompletion, workover on side two of this form will be held confidential for a period of 12 mor	the Kansas Corporation Commission, 130 S. MarkeT - Room 2078, Wichita, or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information this if requested in writing and submitted with the form (see rule 82-3-107 for eologist well report shall be attached with this form. ALL CEMENTING TICKETS P-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regulat are complete and correct to the best of my knowledge.	e the oil and gas industry have been fully complied with and the statements herein
Signature (MIII) III aguns	
Title REGULATORY ANALYST Date 08	/19/2010 KCC Office Use ONLY
Subscribed and sworn to before me this 1942 day of Quis	Letter of Confidentiality Attached

ELIZABETH M. WINTON

Notary Public, State of Texas
My Commission Expires

September 10, 2010

**Notary Public** 

**Date Commission Expires** 

Side Two

Operator Name ANADA	RKO PETROLE	M CORPOR	ATION	Lease	e Nam	e <u>Curtis A</u>	Well # 6H			
Sec. <u>5</u> Twp. <u>32</u>	_ S.R. <u>38</u>	East	X West	Coun	ty _ <u>s</u>	Stevens				
NSTRUCTIONS: Show in me tool open and closed ecovery, and flow rates if ogs surveyed. Attach find	, flowing and shu gas to surface d	t-in pressure uring test, al	s, whether s	hut-in pressu	re rea	ched static leve	el, hydrostatic pres	sures, botto	m hole temperature, flu	
Drill Stem Tests Taken (Attach Additional Sh	eets)	☐ Yes	X No	[X	Log		Formation (Top), [	Depth and Da	atums Sample	
Samples Sent to Geolog	ical Survey	X Yes	□ No	Nar	ne		Тор	Da	tum	
Cores Taken		Yes	X No							
Electric Log Run (Submit Copy)		X Yes	□ No			r Hills e Corral				
List All E.Logs Run:				. Chase			2511			
CEMENT BOND LOG - NEUTRON - GAMMA RA	•	CCL		Counc		rove	2822			
								· ·		
		CASIN	G RECORD	X New	<u></u> U:	sed				
	Repor	t all strings s	et-conductor	, surface, inte	ermedi	iate, production	ı, etc.		·	
Purpose of String	Size Hole Drilled	Size ( Set (In	Casing O.D.)	Weight Lbs./Ft		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	
SURFACE	12.25	8 5/8		24		677	STANDARD	450	2% 2% CC	
PRODUCTION	7.875	5 1/2		14		2915	MIDCON50/50	480	.5 HALAD	
							TOC = 260			
Purpose Perforate	Depth Top Bottom		Cement	#Sacks U		EZE RECORD	Type and Per	cent Additive	es	
Protect Casing Plug Back TD Plug Off Zone				:					·	
Shots Per Foot			RD - Bridge Plach Interval	Plugs Set/Typ Perforated	е	Acid, Fractu	qeeze Reco	ord Depth		
2	2658-68; 26	18-2628;	2562-68;	2497-2503		Frac w/1	12056 gal 25#8	30# x-li	nked 2497-2668	
					<del></del>	borate.5	kCL w/300,66	50# 12/20	snd 2497-2668	
		<u>:</u>		,					·	
TUBING RECORD	Size	Set A		Packer At		Liner Run	°	No		
Date of First, Resumed	2 3/8 Production, SV	2732 /D or Enhr.		cing Method		1				
5/06/10				Flowing	ХP	umping G	as Lift	er (Explain)		
Estimated Production Per 24 Hours	Oil 0	Bbls.	Gas 385	Mcf	Wate	er Bbls.	Gas-Oil F	Ratio	Gravity	
DISPOSITIO		<u> </u>	<del>-</del>	METHOD OF		/PLETION	T T	Produc	tion Interval	
☐ Vented 🔀 Sold	Used on L	ease		Perf.			Commingled	2497-26		
(If vented, subm	it ACO-18.)		تاريخ والإستعاري	cify)		The second secon	20		****	

## PLAT AND CERTIFICATION OF ACKEAGE ATTRIBUTABLE TO A GAS .. ELL

API NUMBER 15-

LEASE: Curtis A WELL NUMBER: 6H

FIELD: Hugoton

OPERATOR: Anadarko Petroleum Corporation

NUMBER OF ACRES ATTRIBUTABLE TO WELL: 640

QTR/QTR/QTR: NE - SW - SE

Kansas Corporation Commission, Conservation Division Finney State Office Building, 130 South Market, Room 2078 Wichita, Kansas 67202

LOCATION OF WELL: COUNTY: Stevens

SECTION 5 TWP 32(S) RNG 38W

IS SECTION X REGULAR or \_\_\_\_\_IRREGULAR

IF SECTION IS IRREGULAR, LOCATE WELL FROM

NEAREST CORNER BOUNDARY (check line below)

1250 feet from X South North line of section

1390 feet from X East \_\_\_\_ West line of section

(Show the location for the well and shade autodates across to Protect to Spanish	Section corner used:NENWSESW
,	
wells). (Show the footage to the nearest lease or unit boundary line; and show footage to the nearest common source supply well). $E/2  SEC.  S  W/2$	RECEIVED AUG 2 4 2010 KCC WICHITA
curtis A 6H	Walker C III  ***  ***  ***  **  **  **  **  **
The undersigned hereby certifies as Staff Regulatory Analyst (title) for Analyst shown hereon is true and correct to the best of my knowledge and belief, that from that well and hereby make application for an allowable to be assigned.  Signature  Subscribed and sworn before me this 7th day of My Commission expires 3/5/2013	darko Petroleum Corporation (Co.), a duly authorized agent, that all information at all acreage claimed attributable to the well named herein is held by production to the well upon the filing of this form and the State test, whichever the production to the well upon the filing of this form and the State test, whichever the production to the well upon the filing of this form and the State test, whichever the production to the well upon the filing of this form and the State test, whichever the production to the well upon the filing of this form and the State test, whichever the production to the well upon the filing of this form and the State test, whichever the production to the well upon the filing of this form and the State test, whichever the production to the well upon the filing of this form and the State test, whichever the production to the well upon the filing of this form and the State test, whichever the production to the well upon the filing of this form and the State test, whichever the production to the well upon the filing of this form and the State test, whichever the production to the well upon the filing of this form and the State test, whichever the production to the well upon the filing of this form and the State test, whichever the production to the well upon the filing of this form and the State test, whichever the production to the well upon the filing of this form and the State test, whichever the production to the well upon the filing of t

# Cementing Job Summary

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Field:				City (S	SAP):	HUGOT		Count	v/Pari	ieh:	Stever	20	AF			·		
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Summit Version: 7.20.130

# Cementing Job Summary

						Flu	uid Data		<del></del>				<del></del>
	tage/Plu	g #: 1							<del></del>	· · · · · · · · · · · · · · · · · · ·			
Fluid #				Fluid	Name		Qty	Qty	Mixing Density Ibm/gal	Yield ft3/sk	Mix Fluid Gal/sk		Total Mix Fluid Gal/s
1	Water P		•				10.00	bbl	8.33	.0	.0	5.0	
2	Hallibur Light Sta		SBM	LIBURTON LIG (12313)			250.0	sacks	<del></del>	2.09	11.42	5.0	11.42
	2 %		CAL	CIUM CHLORID	E - HI TEST	PELLE1	(100005	053)	<u> </u>	<u></u> .	ļ <u></u>	L1	
	0.5 lbm			Y-E-FLAKE (101									<del></del>
	11.423 G	al	FRE	SH WATER									<del></del>
3	Standare Cement	d		- STANDARD ( 03684)	EMENT		200.0	sacks	15.6	1.2	5.24	5.0	5.24
	94 lbm	_	CMT	- STANDARD -	CLASS A RE	EG OR T	YPE I. BI	JLK (100	0003684)				
	2 %		CAL	CIUM CHLORIDE	- HI TEST	PELLET	(1000050	)53)	3000004)		·		
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Circula	ating	6		Mixing	6		Displac	omont	6		A		
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RECEIVED AUG 2 4 2010 KCC WICHITA

Summit Version: 7.20.130

## Cementing Job Log

The Road to Excellence Starts with Safety Sold To #: 300466 Ship To #: 2780636 Quote #: Sales Order #: 7322183 Customer: ANADARKO PETROLEUM CORP - EBUS Customer Rep: Well Name: CURTIS Well #: A6H API/UWI #: Field: City (SAP): HUGOTON County/Parish: Stevens State: Kansas Legal Description: Lat: Long: Contractor: TRINIDAD Rig/Platform Name/Num: 208 Job Purpose: Cement Surface Casing Ticket Amount: Well Type: Development Well Job Type: Cement Surface Casing Sales Person: Srvc Supervisor: LOPEZ, CARLOS MBU ID Emp #: 321975 Rate **Pressure** Volume **Activity Description** Date/Time Cht bbl/ psig Comments bbl min # Stage Total: Tubing Casing Call Out 04/22/2010 **CALLED OUT BY** 16:00 PAMPA DISPATCH WITH A 4 HOUR **NOTICE** Safety Huddle 04/22/2010 PRE TRIP JOURNEY 17:15 **MANEGEMENT** Depart Location for Service 04/22/2010 AS A 2 TRUCK Center or Other Site 17:20 CONVOY Arrive At Loc 04/22/2010 **GOT WITH CO.MAN** 18:00 AND GOT THE ACTUAL NUMBERS FOR THE **JOB** Assessment Of Location 04/22/2010 SPOTTED IN TRUCKS Safety Meeting 18:10 Rig-Up Completed 04/22/2010 RIGGED UP ALL IRON 18:30 **AND WATER HOSES** Wait on Customer or 04/22/2010 STILL DRILLING **Customer Sub-Contractor** 18:35 Equip Start Job 04/23/2010 HAD A SAFETY 02:08 MEETING WITH CO. MAN AND RIG CREW **BEFORE WE STARTED** THE JOB **Test Lines** 04/23/2010 2500. **CHECKING FOR** 02:09 LEAKS ON TRUCK AND 0 **IRON** Pump Spacer 1 04/23/2010 4 75.0 FRESH WATER 02:11 **Pump Lead Cement** 04/23/2010 6 93 150.0 250 SKS OF 02:15 HALLIBURTON LIGHT **CEMENT MIXED @** 

Sold To #: 300466

Ship To #:2780636

Quote #:

Sales Order # :

12.4 #

7322183

SUMMIT Version:

7.20.130

Friday, April 23, 2010 03:08:00

# Cementing Job Log

Activity Description	Date/Time	Cht	Rate bbl/ min	1	ume bl	1	ssure sig	Comments
Duma Tail Comme		#		Stage	Total	Tubing	Casing	
Pump Tail Cement  Clean Lines	04/23/2010 02:29		6	42.7	135		260.0	200 SKS OF STANDARD CLASS A CEMENT MIXED @ 15.6 #
	04/23/2010 02:37							WASHED UP ON TOP OF PLUG WITH FIRST 10 BBLS OF DISPLACEMENT
Drop Top Plug	04/23/2010 02:38							HWE 8 5/8"
Pump Displacement	04/23/2010 02:39		6				250.0	FRESH WATER
Other	04/23/2010 02:43		2				300.0	SLOWED DOWN BEFORE BUMPING THE PLUG
Bump Plug	04/23/2010 02:50		2				350.0	TOOK PRESSURE 500 PSI OVER
Release Casing Pressure	04/23/2010 02:55							GOT 1 BBL BACK TO TRUCK
End Job	04/23/2010 03:00				185.9			THANK YOU FOR CALLING HALLIBURTON
Depart Location for Service Center or Other Site	04/23/2010 05:00							TIALLIBUR I ON

RECEIVED AUG 2 4 2010 KCC WICHITA

Sold To #: 300466

Ship To #:2780636

Quote #:

Sales Order #:

7322183

SUMMIT Version: 7.20.130

Friday, April 23, 2010 03:08:00

# Cementing Job Summary

Cald T- 4		~					d to E											
Sold To #			<u> </u>			#: 278			Quot					Sal	es Ord	ler#	: 732	7095
Custome	r: AN	ADAR	(O PE	TROL	EUM	CORP			. Cust	omer F	Rep: C	ook, J	unior					
Well Nam	e: Ci	urtis					Well #	¥: A6H						UWI #	:			
Field:				City (S	AP):	HUGO'		Coun	ty/Pari	sh: Ste	vens		L	Sta	te: Ka	ารลร		
Contracto						Rig/F	Platforn	n Nam	e/Num:	TRIN	IDAD	#208						
Job Purpo	ose:	Cemer	nt Prod	duction	ı Casi	ng												
Well Type	: Dev	velopm	ent W	ell		Job 7	Type: C	ement	Produc	ction Ca	asing							
Sales Per	son:	HEST	ON, M	IYRON	i	Srvc	Superv SHEK	isor:	WILTS	HIRE,		МВ	ו סו ע	Emp #	<b>‡</b> : 195	811	<del></del>	
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Saturday, April 24, 2010 17:51:00

# Cementing Job Summary

					Mi	iscellane	eous Ma	terials						
	ng Agt			onc	Surfact	ant		Conc	Acid	Туре		Qty	Conc	%
Treat	ment Fld		С	onc	Inhibito	r		Conc	Sand	d Type		Size	Qty	† <del>-</del>
	THE					Flu	id Data				•		—. <u></u>	<del></del>
S	Stage/Plug	g #: 1										17.74.8	······································	
Fluid #	l Stage	Туре		Fluid	Name		Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total N Fluid Ga	
1	Water P Flush	re-		,	···	, .		bbl	8.33	.0	.0	6.0		
2	MID-CO STANDA		MIDCC (15078)	N-2 CEMEN	T STANDAR	RD - SBM	200.0	sacks	11.4	2.89	17.84	6.0	17.84	1
	0.25 lbm	7		-FLAKE (10	1216940)	<del></del>			1			<u> </u>	L	
	17.838 G	al	FRESH	WATER		<del></del> -					· · · · ·	***************************************		
3	50/50 PC		POZ ST	ANDARD 50	/50 - SBM (	12308)	280.0	sacks	13.3	1.63	7.25	6.0	7.25	
	10 lbm	-	KOL-SE	AL, BULK (1	00064233)				<u></u>				<u> </u>	
	0.5 %		HALAD	(R)-322, 50 L	B (1000036	46)							~~~	
	0.25 lbm		POLY-E	-FLAKE (101	216940)									_
	7.25 Gal		<b>FRESH</b>	WATER								<del>, , , , , , , , , , , , , , , , , , , </del>		
4	2% KCL w/ Biocide				<u>-</u>		70.00	bbl	8.33	.0	.0	6.0		
	Displacen	nent				i								
	167 lbm/Mg		POTAS	SIUM CHLOF	RIDE 7% (10	00001585	)		·		<u> </u>	<u></u>		
	0.021 gal/b			OTE TANK (1									- //-	
	42 gal/bb		WATER	- FRESH - G										
	alculated	Values		Pressu	res				Vo	olumes				
	cement			t In: Instant		Lost Re	turns		Cement SI	urry		Pad		
<u> </u>	f Cement		5 M			Cement			Actual Dis			Treatm	ent	
rac G	Bradient		15 N	/lin		Spacers	ites		Load and E	Breakdov	vn	Total Jo	ob	
Circu	lating			Mixing		R	Displac	ement	<u> </u>		Avg. Jo	h		
Cem	ent Left In	Pipe	Amount		ason Shoe	Joint	<u> </u>		<u> </u>		Avg. 30	,,,		
	Ring # 1 @			Frac ring # 2			rac Ring	1 # 3 @	ID	F	rac Ring	# A @	ID	
Tł	ne Inform	ation S		Herein Is (			r Represer				d			· <u>.</u>

RECEIVED
AUG 2 4 2010
KCC WICHITA

## Cementing Job Log

The Road to Excellence Starts with Safety Sold To #: 300466 Ship To #: 2780636 Quote #: Sales Order #: 7327095 Customer: ANADARKO PETROLEUM CORP - EBUS Customer Rep: Cook, Junior Well Name: Curtis Well #: A6H API/UWI #: Field: City (SAP): HUGOTON | County/Parish: Stevens State: Kansas Legal Description: Lat: Long: Contractor: TRINIDAD Rig/Platform Name/Num: TRINIDAD #208 Job Purpose: Cement Production Casing **Ticket Amount:** Well Type: Development Well Job Type: Cement Production Casing Sales Person: HESTON, MYRON Srvc Supervisor: WILTSHIRE. MBU ID Emp #: 195811 MERSHEK Rate **Pressure** Volume **Activity Description** Date/Time Cht bbl/ psig Comments bbl min # Stage Total Tubing Casing Call Out 04/24/2010 10:00 Arrive At Loc 04/24/2010 13:30 Pre-Job Safety Meeting 04/24/2010 13:45 Start Job 04/24/2010 5 1/2" PRODUCTION 16:31 CASING **Test Lines** 04/24/2010 2500 16:31 0 **Pump Lead Cement** 04/24/2010 6.5 103 200.0 200 SKS MIDCON 2 @ 16:35 11.4# **Pump Tail Cement** 04/24/2010 65 81 .0 280 SKS 50/50 POZ PP 16:50 @ 13.3# Drop Top Plug 04/24/2010 6.5 184

> RECEIVED ALIG 2 4 2010

Sold To #: 300466

Ship To #:2780636

17:05

17:10

17:21

17:25

17:25

17:30

04/24/2010 17:07

04/24/2010

04/24/2010

04/24/2010

04/24/2010

04/24/2010 17:26

04/24/2010

Quote # KCC WICHITA Sales Order # :

80.0

.0

575.0

680.0

1800

**END CEMENT** 

KCL WATER

SLOW RATE

LANDING PLUG

FLOAT HELD

TO PIT

PRESSURE BEFORE

65 BBLS OF CEMENT

7327095

SUMMIT Version:

Clean Lines

Other

Other

Bump Plug

End Job

Pump Displacement

Cement Returns to Surface

7.20.130

Saturday, April 24, 2010 05:51:00

6.5

2

2

70

60

70

65