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

Form ACO-1 September 1999 Form must be Typed

JAN 0 7 2009

Date Commission Expires

WELL COMPLETION FORM

CONSERVATION DIVISION WELL HISTORY - DESCRIPTION OF WELL & LEASE WICHITA, KS

Operator: License # 4549	API NO. 15- 189-21432 70002
Name: Anadarko Petroleum Corporation	County Stevens
Address 1201 Lake Robbins Drive	
City/State/Zip The Woodlands, TX 77380	1250 FNL Feet from S/N (circle one) Line of Section
Purchaser: Anadarko Energy Services Company	1440 FEL. Feet from E/W (circle one) Line of Section
Operator Contact Person: <u>Diana Smart</u>	Footages Calculated from Nearest Outside Section Corner:
Phone (832) 636-8380	(circle one) NE SE NW SW
Contractor: Name: Best Well Service, Inc.	Lease Name Patterson D Well # _ 3
License: 32564	Field Name Panoma
Wellsite Geologist:	Producing Formation Council Grove
Designate Type of Completion	Elevation: Ground 31201 Kelley Bushing
New Well Re-Entry _x Workover	Total Depth 3151 Plug Back Total Depth 2970
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented atFeet
SWD SIGW Temp. Abd.	Multiple Stage Cementing Collar Used? Yes X No
DryOther (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: Anadarko Petroleum Corporation	feet depth tow/sx cmt.
Well Name: Patterson D 3 Original Comp. Date 12/09/1990 Original Total Depth 3151'	Drilling Fluid Management Plan (Date must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content ppm Fluid volume bbls
Plug Back — 2970! Plug Back Total Depth	Dewatering method used
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	Operator Name
Other (SWD or Enhr?) Docket No	Lease Name License No
11/12/2008 11/17/2008 Spud Date or Date Reached TD Completion Date or	QuarterSecTwpS RE \[V \]
Recompletion Date Recompletion Date	County Docket No
Kansas 67202, within 120 days of the spud date, recompletion, wor Information on side two of this form will be held confidential for a per 82-3-107 for confidentiality in excess of 12 months). One copy of all CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with All requirements of the statutes, rules and regulations promulgated to reg herein are complete and correct to the best of my knowledge. Signature Title Staff Regulatory Analyst Date 12 Subscribed and sworm@before me this	ith 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. iod 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 all plugged wells. Submit CP-111 form with all temporarily abandoned wells. ulate the oil and gas industry have been fully complied with and the statements KCC Office Use ONLY
Notary Public / Mula W My CO	MMISSION EXPIRES Geologist Report Received

Samples Sent to Geological Survey	Operator Name Anada	rko Petrole	m corporation	Lease Nam	e <u>Patterso</u>	n D	Well #	3
tested, time tool open and closed, flowing and shud-in pressures, whether shud-in pressure reached static level, hydrostatic pressures, botto temperature, fluid recovery, and flow rates if gas to surface during test. Atlach extra sheet if more space is needed. Atlach copy Electric Wireline Logs surveyed. Atlach final geological well site report. Drill Stem Tests Taken (Atlach Additional Sheets.)	Sec. 28 Twp. 33	S.R. <u>37</u>	East X West	County <u>s</u>	Stevens			· · · · · · · · · · · · · · · · · · ·
(Attach Additional Sheets.) Samples Sent to Geological Survey	tested, time tool open a temperature, fluid reco	and closed, flowi	ing and shut-in pressure rates if gas to surface	es, whether shut-in e during test. Atta	pressure reach	ned static level, h	ydrostatic p	ressures, bottom
CASING RECORD New Used Report all strings set-conductor, surface, intermediate, production, etc. Purpose of String Size Hole Drilled Size Casing Drilled Set (in O.D.) Lbs./Pt. Depth Cement Used Additives Surface 12-1/4" 8-5/8" 24 750' 450 Production 7-7/8" 5-1/2" 15,5 3150' 270 ADDITIONAL CEMENTING/SQUEEZE RECORD Purpose Perforate Protect Casing Puse Kin Type of Cement #Sacks Used Type and Percent Additives ADDITIONAL CEMENTING/SQUEEZE RECORD Purpose Depth Top Bottom Type of Cement #Sacks Used Type and Percent Additives Share Protect Casing Puse Back TO Plug Off Zone Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated (Amount and Kind of Material Used) Set CTBP @ 2970' over 2981'-3031' perfs Acidize w/3000 gal 15% HCI, Acid 2886-2 2 2886'-2890', 2894'-2900', 2906'-2910' 2 2918'-2924' & 2931'-2939' New Perfs TUBING RECORD Size Set At Packer At Liner Run Yes X No Date of First, Resumed Production, SWD or Enhr. 11/17/08 Producing Method Prod		neets.)	Yes X No	Log	F	Formation (Top), [Depth and D	atums
CASING RECORD New Used Report all strings set-conductor, surface, intermediate, production, etc.	Samples Sent to Geological Survey		Yes X No	Name		Тор	Da	tum
CASING RECORD New Used Report all strings set-conductor, surface, intermediate, production, etc. Purpose of String Size Hole Size Casing Depth Set (In O.D.) Set (In O.D.	Cores Taken		Yes X No					
CASING RECORD New Used Report all strings set-conductor, surface, intermediate, production, etc. Purpose of String Size Hole Size Casing Set (In O.D.) Weight Depth Cement Used Additives Surface 12-1/4" 8-5/8" 24 750' 450 Production 7-7/8" 5-1/2" 15.5 3150' 270 ADDITIONAL CEMENTING/SQUEEZE RECORD Purpose Perforate Protect Casing Plug Back TD Plug Off Zone Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated (Amount and Kind of Material Used) Depth Set CIEP @ 2970' over 2981'-3031' perfs Acidize w/3000 gal 15% HCL Acid 2886-2 2 2886'-2890', 2894'-2900', 2906'-2910' 2 2918'-2924' & 2931'-2939' New Perfs TUBING RECORD Size Set At 2942' Date of First, Resumed Production, SWD or Enhr. Producing Method Flowing X Pumping Gas Lift Other (Explain)	Electric Log Run (Submit Copy.)		Yes X No					
Report all strings set-conductor, surface, intermediate, production, etc. Purpose of String	ist All E.Logs Run:							
Report all strings set-conductor, surface, intermediate, production, etc. Purpose of String								
Report all strings set-conductor, surface, intermediate, production, etc. Purpose of String			· · · · ·			 		
Purpose of String Size Hole Size Casing Set (In O.D.) Lbs./Ft. Setting Depth Cement # Sacks Type and Perc Additives Surface 12-1/4" 8-5/8" 24 750' 450 Production 7-7/8" 5-1/2" 15.5 3150' 270 ADDITIONAL CEMENTING/SQUEEZE RECORD Purpose Depth Top Bottom Type of Cement #Sacks Used Type and Percent Additives Perforate Protect Casing Plug Back TD Plug Off Zone Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Sqeeze Record (Amount and Kind of Material Used) Depth Set CIEP @ 2970' over 2981'-3031' perfs Acidize w/3000 gal 15% HCL Acid 2886-2 2 2886'-2890', 2894'-2900', 2906'-2910' 2 2918'-2924' & 2931'-2939' New Perfs TUBING RECORD Size Set At 2942' Date of First, Resumed Production, SWD or Enhr. Producing Method Flowing Pumping Gas Lift Other (Explain)		Repor				n. etc.		
ADDITIONAL CEMENTING/SQUEEZE RECORD Purpose Perforate Protect Casing Plug Back TD Plug Off Zone Shots Per Foot Set CIBP @ 2970' over 2981'-3031' perfs 2 2886'-2890', 2894'-2900', 2906'-2910' 2 2918'-2924' & 2931'-2939' New Perfs TUBING RECORD Size 2 2848' Packer At Liner Run Yes X No Date of First, Resumed Production, SWD or Enhr. Depth Set Cibr (Explain) Producing Method 11/17/08 ADDITIONAL CEMENTING/SQUEEZE RECORD #Sacks Used Type and Percent Additives Type and Percent Additives Acid, Fracture, Shot, Cement Sqeeze Record (Amount and Kind of Material Used) Depth Acidize w/3000 gal 15% HCL Acid 2886-2 Liner Run Yes X No Producing Method T1/17/08 Producing Method Flowing X Pumping Gas Lift Other (Explain)	Purpose of String	Size Hole	Size Casing	Weight	Setting	Type of		Type and Percer Additives
Production	Surface	12-1/4"	8-5/8"	24	750'		450	
ADDITIONAL CEMENTING/SQUEEZE RECORD Purpose Perforate Protect Casing Plug Back TD Plug Off Zone Plug Off Zone PerFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated Set CIBP @ 2970' over 2981'-3031' perfs Acidize w/3000 gal 15% HCL Acid 2886-2 2 2886'-2890', 2894'-2900', 2906'-2910' 2 2918'-2924' & 2931'-2939' New Perfs TUBING RECORD Size Set At 2942' Date of First, Resumed Production, SWD or Enhr. Date of First, Resumed Production, SWD or Enhr. Producing Method Producing Metho								
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Perforate Protect Casing Plug Back TD Plug Off Zone PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated Set CIBP @ 2970' over 2981'-3031' perfs Acidize w/3000 gal 15% HCL Acid 2886-2 2 2886'-2890', 2894'-2900', 2906'-2910' 2 2918'-2924' & 2931'-2939' New Perfs TUBING RECORD Size Set At Packer At Liner Run Yes X No Date of First, Resumed Production, SWD or Enhr. Producing Method 11/17/08 PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Sqeeze Record (Amount and Kind of Material Used) Depth Acidize w/3000 gal 15% HCL Acid 2886-2 Liner Run Yes X No Producing Method 11/17/08 Producing Method TUBING RECORD Size Set At Production SWD or Enhr. Producing Method 11/17/08	Purnoco	Donth	1	T	EZE RECORD			
Plug Back TD Plug Off Zone Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated (Amount and Kind of Material Used) Set CTBP @ 2970' over 2981'-3031' perfs Acidize w/3000 gal 15% HCL Acid 2886-2 2 2886'-2890', 2894'-2900', 2906'-2910' 2 2918'-2924' & 2931'-2939' New Perfs TUBING RECORD Size Set At Packer At Liner Run Yes X No Date of First, Resumed Production, SWD or Enhr. Producing Method 11/17/08 Producing Method	•		Type of Cement	#Sacks Used		Type and Pe	rcent Additiv	/es
Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Sqeeze Record (Amount and Kind of Material Used) Depth					ļ			
Shots Per Foot Specify Footage of Each Interval Perforated Set CIBP @ 2970' over 2981'-3031' perfs Acidize w/3000 gal 15% HCL Acid 2886-2 2 2886'-2890', 2894'-2900', 2906'-2910' 2 2918'-2924' & 2931'-2939' New Perfs TUBING RECORD Size Set At Packer At Liner Run Yes X No Date of First, Resumed Production, SWD or Enhr. Producing Method 11/17/08 Flowing X Pumping Gas Lift Other (Explain)								
2 2886'-2890', 2894'-2900', 2906'-2910' 2 2918'-2924' & 2931'-2939' New Perfs TUBING RECORD Size Set At Packer At Liner Run Yes No 2-3/8" 2942' Date of First, Resumed Production, SWD or Enhr. Producing Method 11/17/08 Flowing Pumping Gas Lift Other (Explain)	Shots Per Foot				1			
2 2918'-2924' & 2931'-2939' New Perfs TUBING RECORD Size Set At Packer At Liner Run Yes X No Date of First, Resumed Production, SWD or Enhr. Producing Method 11/17/08 Flowing Pumping Gas Lift Other (Explain)		Set CIBP @	2970' over 2981'-3	3031' perfs	Acidize v	v/3000 gal 159	HCL Aci	d 2886-29
TUBING RECORD Size Set At Packer At Liner Run Yes X No 2-3/8" 2942' Date of First, Resumed Production, SWD or Enhr. 11/17/08 Producing Method Flowing Pumping Gas Lift Other (Explain)	2	2886'-2890'	, 2894'-2900', 290	06'-2910'				
2-3/8" 2942' Date of First, Resumed Production, SWD or Enhr. 11/17/08 Producing Method Flowing Pumping Gas Lift Other (Explain)	2	2918'-2924'	& 2931'-2939' 1	New Perfs				
2-3/8" 2942"					1			
11/17/08 Flowing Pumping Gas Lift Other (Explain)	TUBING RECORD			Packer At	Liner Run	☐ Yes 🔣	No	
11/11/06	Date of First, Resumed	Production, SV	VD or Enhr. Produ	-				
	11/17/08	·····		Flowing X P	umping G	as Lift Oth	er (Explain)	
Estimated Production Per 24 Hours Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravi 00 76 18 N/A		Oil						Gravity
isposition of Gas: METHOD OF COMPLETION Production Interval	isposition of Gas:	METHOD (OF COMPLETION					
Vented x Sold Used on Lease □ Open Hole x Perforation □ Dually Comp. □ Commingled 2886 -2939 □ (If vented, submit ACO-18.) □ Other (Specify)				_	Dually C	omp. Commin	gled <u>.2886</u>	5'-2939'