

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form must be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 4549	API NO. 15- 189-20211 - 600/
Name: Anadarko Petroleum Corporation	County Stevens
Address 1201 Lake Robbins Drive	
City/State/Zip The Woodlands, TX 77380	1320' FsL Feet from S/N (circle one) Line of Section
Purchaser: Anadarko Energy Services Company	1320' FWI. Feet from E/W (circle one) Line of Section
Operator Contact Person: Diana Smart	Footages Calculated from Nearest Outside Section Corner:
Phone (832) 636-8380 RECEIVED	(circle one) NE SE NW (SW)
Contractor: Name: KANSAS CORPORATION COMMISSION CONTRACTOR: KANSAS CORPORATION COMMISSION	Lease Name Ratzlaff B Well # 1
License: JAN 2 0 2009	Field Name Hugoton/Panoma
Wellsite Geologist:	Producing Formation Chase/Council Grove
Designate Type of Completion	Elevation: Ground 3250: Kelley Bushing
New Well Re-Entry _x Workover	Total Depth 3040 Plug Back Total Depth 3000
	Amount of Surface Pipe Set and Cemented at 439 Feet
Oil SWD SIOW Temp. Abd SIGW	Multiple Stage Cementing Collar Used? Yes X No
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: Anadarko Production Company	feet depth tow/sx cmt.
Well Name: Ratzlaff B 1	Drilling Fluid Management Plan
	(Data must be collected from the Reserve Pit)
Original Comp. Date 11/27/1973 Original Total Depth 3040 Deepening Re-perf. Conv. to Enhr./SWD	Chloride content ppm Fluid volume bbis
— Plug Back — Plug Back Total Depth	Dewatering method used
	Location of fluid disposal if hauled offsite:
X Commingled Docket No. C-164	Operator Name
Dual Completion Docket No	Lease Name License No
Other (SWD or Enhr?) Docket No.	
	Quarter Sec. Twp. S R. E W
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	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
CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form wit	h all plugged wells. Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to reg herein are complete and correct to the best of my knowledge.	ulate the oil and gas industry have been fully complied with and the statements
Signature Wana Smart	
Title Staff Regulatory Analyst Date 01	/19/2009 // KCC Office Use ONLY
Subscribed and sworn to before me this 19th day of Jan	Letter of Confidentiality Attached
20.09	If Denied, Yes Date:
	OMMISSION EXPIRES Geologist Report Received
	March 17, 2009 UIC Distribution
Date Commission Expires 3/17/09	muts! [W]

Operator Name Anadarko Petroleum Corporation				Leas	e Nam	e <u>Ratzlaff</u>	В	Well #	1	
Sec. <u>32</u> Twp. <u>33</u>	3 S.R. <u>38</u>	East	X West	Coun	ty _	Stevens				
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 all Electric Wireline Logs surveyed. Attach final geological well site report.										
Drill Stem Tests Taken Yes X No (Attach Additional Sheets.)			Log Formation (Top), De			Depth and D	epth and Datums Sample			
Samples Sent to Geological Survey		Yes [X No	Nar	me	Top Datum				
Cores Taken		Yes [x No							
Electric Log Run (Submit Copy.)		Yes [X No							
List All E.Logs Run:										
No new logs										
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 Type and Percent Additives		
Surface		8-5/8"				439'		450		
Production		5-1/2"		15.5	.5 30		<u> </u>	650		
	. i	ADDIT	IONAL C	EMENTING/	SQUE	L EZE RECORD		<u>. </u>	<u> </u>	
Purpose	Ton Bottom I			#Sacks I	Jsed	Type and Percent Additives				
Perforate Protect Casing										
Plug Back TD Plug Off Zone				1						
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated				Acid, Fracture, Shot, Cement Sqeeze Record (Amount and Kind of Material Used) Depth					
2	2889'-2973' excisting perfs				Acidize w/2400 gals 7.5% HCL acid 2566-2778					
2	2566'-2570', 2596'-2602', 2654'-2660'				Frac w/93,724 gals 20# X-Link 2566-2778					
2	2710'-2724', 2770'-2778' New Perfs					borate & 300,000# 12/20 sand.				
TUBING RECORD	Size 2-3/8"	Set At 2948'		Packer At		Liner Run	☐ Yes 🗶	No		
Date of First, Resumed			Produc	cing Method			-1:4	(Flaia)		
12/17 Estimated Production	/2008 Oil	Bbls.	Gas	Flowing	Wate	umping Ga er Bbls.	Gas-Oil F	er (Explain)		Capultu
Per 24 Hours		0		1VICI 55	vvale	o Dois.	N/A	Natio	N/#	Gravity
Disposition of Gas: METHOD OF COMPLETION Production Interval										
Vented ▼ Sold Used on Lease Open Hole ▼ Perforation Dually Comp. ▼ Commingled 2566:-2973:									2973 '	
(If vented, submit ACO-18.) Other (Specify)										