## **RECEIVED** KANSAS CORPORATION COMMISSION IN Must be Typed

Form ACO-1 September 1999

## ORIGINAL

## **WELL COMPLETION FORM** WELL HISTORY - DESCRIPTION OF WELL & LEASEEB 2 1 2008

Operator: License # 4549	API NO. 15- 189-20273- 170 DIVISION
Name: Anadarko Petroleum Corporation	County Stevens
Address 1201 Lake Robbins Drive	<u>5W - SW - NE Sec.</u> 20 Twp. 34 S. R. 38 □ E X W
City/State/Zip <u>The Woodlands, TX 77380</u>	1250 Feet from SN circle one) Line of Section
Purchaser: Anadarko Energy Services Company	1250 K Feet from EW (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: <u>Best Well Service</u> , <u>Inc.</u>	Lease Name <u>Bowman</u> Well # <u>A-1</u>
License: 32564	Field Name Panoma/Hugoton
Wellsite Geologist:	Producing Formation Council Grove/Chase
Designate Type of Completion	Elevation: Ground 3293.21 Kelley Bushing
New Well Re-Entry X Workover	Total Depth 3115 Plug Back Total Depth 3108
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at Feet
X Gas ENHR SIGW	Multiple Stage Cementing Collar Used? Yes X No
Dry Other (Core, WSW, Expl., Cathodic, etc.)	If yes, show depth setFeet
f 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: Bowman A-1	Drilling Fluid Management Plan Wのつじつし
Original Comp. Date 08/10/1975 Original Total Depth 3115'	(Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content ppm Fluid volume bbls
Plug Back ————Plug Back Total Depth	Dewatering method used
X Commingled Docket No. C-164	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	Operator Name
Other (SWD or Enhr?) Docket No	Lease Name License No
12/14/2007 01/03/2008	Quarter Sec Twp S R E _ W
Spud Date or Date Reached TD Completion Date or 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 reginere are complete and complete the complete and compl	Wireline Log Received
The second second	Geologist Report Received  UIC Distribution

Operator Name Anad	rator Name Anadarko Petroleum corporation				Lease Name Bowman			Well # <b>A-1</b>	
Sec. 20 Twp. 34	1 S.R. <u>38</u>	☐ East 🗓	West	County	Stevens				
INSTRUCTIONS: Shot tested, time tool open temperature, fluid received Electric Wireline Logs s	and closed, flowi overy, and flow	ng and shut-in pre rates if gas to so	ssures, whe	ther shut-in	pressure reach	ned static level, h	ydrostatic p	ressures, bottom hole	
Drill Stem Tests Taken (Attach Additional S	heets.)	Yes 🔀	No	Log	F	ormation (Top), [	Depth and D	atums Sample	
Samples Sent to Geolog	gical Survey	Yes 🗓	No	Name		Тор	Da	itum	
Cores Taken		Yes X	No						
Electric Log Run (Submit Copy.)		Yes X	No						
List All E.Logs Run:									
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.)		eight s./Ft.	·		# Sacks Used	1 "	
Surface	12-1/4"	8-5/8"	20	)	616	5 500			
Production	7-7/8"	4-1/2"	10	).5	3114'	:	650		
ADDITIONAL CEMENTING/SQUEEZE RECORD									
Purpose Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom Type of Cement #Sacks L				Type and Percent Additives				
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				
3	3022'-3084' (existing perfs)				Acidize w/2000 gal 15% HCL Acid 2910-2930				
3	2910'-2930'				Frac w/91686 gal 25# X-Link borate 2910-2930				
					& 140,000# 12/20 sand.				
	Set CIBP 0	3010 while wor	kina. Kno	ocked out	CIBP 01/0	03/2008.			
TUBING RECORD	Size 2-3/8"	Set At 3076'		ker At	Liner Run	☐ Yes 🕱	No		
Date of First, Resumed			Producing Me		L	as Lift	er (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls. Gas	s M	lcf Wai		Gas-Oil F		Gravity	
Disposition of Gas:	METHOD (	OF COMPLETION				Production Inter			
☐ Vented 🔀 Sold	Used on Lo	ease	pen Hole 🔀	Perforation	n Dually C	comp. X Commin	gled	2910'-3084'	
(If vented, submit ACO-18.) Other (Specify)									