

ORIGINAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

RECEIVED  
KANSAS CORPORATION COMMISSION

Form ACO-1  
September 1999  
Form must be Typed

JUN 29 2004

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 4549  
Name: Anadarko Petroleum Corporation  
Address 1201 Lake Robbins Drive  
City/State/Zip The Woodlands, TX 77380  
Purchaser: \_\_\_\_\_  
Operator Contact Person: Jerry N. Blossom  
Phone ( 832 ) 636-3128  
Contractor: Name: Murfin Drilling Co., Inc.  
License: 30606  
Wellsite Geologist: \_\_\_\_\_

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc.)

If Workover/Reentry: Old Well Info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date \_\_\_\_\_ Original Total Depth \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to Enhr./SWD  
 Plug Back \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Other (SWD or Enhr?) \_\_\_\_\_ Docket No. E88302  
4/2/04 4/11/04 5/21/04  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

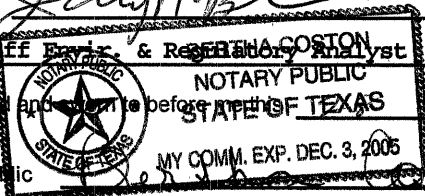
API NO. 15- 081-21515 - 0000  
County Haskell  
SW - NW - NW - SW Sec. 3 Twp. 29 S. R. 34  E  W  
2280 S Feet from SW (circle one) Line of Section  
300 W Feet from EW (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name Eubank North Unit Well # 12-3  
Field Name Eubank  
Producing Formation Chester  
Elevation: Ground 2993' Kelley Bushing 3000'  
Total Depth 5675' Plug Back Total Depth 5610'  
Amount of Surface Pipe Set and Cemented at 1808 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan ALT#1 KJR 5/31/07  
(Data must be collected from the Reserve Pit)  
Chloride content 1480 ppm Fluid volume 700 bbls  
Dewatering method used Evaporation  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name \_\_\_\_\_  
Lease Name \_\_\_\_\_ License No. \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  E  W  
County \_\_\_\_\_ Docket No. \_\_\_\_\_

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature [Signature]  
Title Staff Envir. & Regulatory Analyst Date 6-28-04  
Subscribed and sworn to before me this 20 day of June  
20 04  
Notary Public [Signature]  
Date Commission Expires 12-3-05



KCC Office Use ONLY  
 Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name Anadarko Petroleum Corporation

Lease Name Eubank North Unit Well # 12-3

Sec. 3 Twp. 29 S.R. 34  East  West

County Haskell

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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums		<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum	
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Chase	2488'	505'	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Council Grove	2780'	213	
List All E.Logs Run:		Marmaton	4631'	-1638'	
<b>Gamma Ray, Compensated</b>		Morrow	5127'	-2134'	
<b>Neutron/Litho-Density/Gamma Ray, Array</b>		Chester	5350'	-2357'	
<b>Induction/SP/Linear Correlation/GR</b>					

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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 Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	22.8	1808'	Midcon/Prem	570	2-3% CC
Production	7-7/8"	5-1/2"	15.5	5675'	50/50 POZ	175	5%KCl

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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	5353-5359; 5388-5490; 5511-5528	12400 gal FeHCl	5353

TUBING RECORD	Size <b>2-7/8"</b>	Set At <b>5299'</b>	Packer At <b>5299'</b>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <b>6/17/04</b>	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours <b>N/A</b>	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas: **METHOD OF COMPLETION** Production Interval

Vented  Sold  Used on Lease  Open Hole  Perforation  Dually Comp.  Commingled

(If vented, submit ACO-18.)  Other (Specify) \_\_\_\_\_

# HALLIBURTON JOB SUMMARY

SALES ORDER NUMBER <b>3011359</b>	TICKET DATE <b>04/03/04</b>
BDA / STATE <b>MC/Ks</b>	COUNTY <b>HASKELL</b>
PSL DEPARTMENT <b>Cement</b>	CUSTOMER REP / PHONE <b>KENNY PARKS 620-629-5136</b>
APULMI #	SAP BOMB NUMBER <b>7521</b>
HES FACILITY (CLOSEST TO WELL SITE) <b>Liberal Ks.</b>	

REGION <b>Central Operations</b>	NWA / COUNTRY <b>Mid Contintn/USA</b>
MBU ID / EMLP # <b>MCLIO103 106304</b>	H.E.S. EMPLOYEE NAME <b>Kirby Harper</b>
LOCATION <b>LIBERAL</b>	COMPANY <b>ANADARKO PETROLEUM CORP</b>
TICKET AMOUNT <b>\$14,566.56</b>	WELL TYPE <b>01 Oil</b>
WELL LOCATION <b>N.W. OF SUBLETTE, KS</b>	DEPARTMENT <b>CEMENT</b>
LEASE NAME <b>ENU</b>	SEC / TWP / RNG <b>3 - 29S - 34W</b>

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Harper, K 241985	7.0			
Wille D. 225409	7.0			
Ferguson, R 106154	8.0			
Nichols, J 288309	8.0			

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
10219237	90			
	35			
	35			

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_  
 Form. Thickness \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
 Packer Type \_\_\_\_\_ Set At \_\_\_\_\_  
 Bottom Hole Temp. \_\_\_\_\_ Pressure \_\_\_\_\_  
 Retainer Depth \_\_\_\_\_ Total Depth \_\_\_\_\_

Date	Called Out	On Location	Job Started	Job Completed
	4/3/2004	4/3/2004	4/3/2004	4/4/2004
Time	1600	1930	2400	0130

Type and Size	Qty	Make
Float Collar INSERT/FILL	1	HOWCO
Float Shoe		
Centralizers 8 5/8 X 12 1/4	6	HOWCO
Top Plug 8 5/8	1	HOWCO
HEAD 8 5/8	1	HOWCO
Limit clamp 8 5/8	1	HOWCO
Weld-A	1	HOWCO
Guide Shoe REG	1	HOWCO
BTM PLUG BASKET	1	HOWCO

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	NEW	24.0	8 5/8"		0	1,823	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			12 1/4"			1,808	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
Mud Type _____	Density _____	Lb/Gal	
Disp. Fluid _____	Density _____	Lb/Gal	
Prop. Type _____	Size _____	Lb	
Prop. Type _____	Size _____	Lb	
Acid Type _____	Gal. _____	%	
Acid Type _____	Gal. _____	%	
Surfactant _____	Gal. _____	in	
NE Agent _____	Gal. _____	in	
Fluid Loss _____	Gal/Lb _____	in	
Gelling Agent _____	Gal/Lb _____	in	
Fric. Red. _____	Gal/Lb _____	in	
Breaker _____	Gal/Lb _____	in	
Blocking Agent _____	Gal/Lb _____		
Perfpac Balls _____	Qty. _____		
Other _____			
Other _____			
Other _____			
Other _____			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
4/3	6.5	4/4	1.5	Cement Surface Casing
				RECEIVED
				KANSAS CORPORATION COMMISSION
				JUN 29 2004
				CONSERVATION DIVISION
				WICHITA, KS
Total	6.5	Total	1.5	

Ordered _____	Hydraulic Horsepower _____	Used _____
Treating _____	Average Rates in BPM _____	Overall _____
Feet 44	Cement Left in Pipe _____	Reason SHOE JOINT

Cement Data							
Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	420	MIDCON C		3% CC - 1/2# FLOCELE - .1% FWCA	17.98	2.94	11.40
2	160	PREM PLUS		2% CC - 1/4# FLOCELE	6.30	1.34	14.80
3							
4							

Summary							
Circulating _____	Displacement _____	Preflush: BBI _____	Type: _____	Breakdown _____	MAXIMUM _____	Load & Bkdn: Gal - BBI _____	Pad: Bbl - Gal _____
Lost Returns _____	Lost Returns _____	Excess / Return BBI _____	Calc. Disp Bbl _____	Cmt Rtn#Bbl _____	Actual TOC _____	Calc. TOC: _____	Actual Disp. _____
Average _____	Frac. Gradient _____	Treatment: Gal - BBI _____	Disp: Bbl _____	Shut In: Instant _____	5 Min. _____	15 Min. _____	265.7
		Cement Slurry BBI _____	265.7			Total Volume BBI _____	369.72

Frac Ring #1 \_\_\_\_\_ | Frac Ring #2 \_\_\_\_\_ | Frac Ring #3 \_\_\_\_\_ | Frac Ring #4 \_\_\_\_\_

THE INFORMATION STATED HEREIN IS CORRECT  
 CUSTOMER REPRESENTATIVE \_\_\_\_\_  
 \_\_\_\_\_  
 SIGNATURE



# HALLIBURTON JOB SUMMARY

SALES ORDER NUMBER	TICKET DATE <b>04/11/04</b>
BDA / STATE <b>MC/Ks</b>	COUNTY <b>HASKEL</b>
PSL DEPARTMENT <b>Cement</b>	CUSTOMER REP / PHONE <b>KENNY PARKS</b>
AP/UM #	SAP BOMB NUMBER <b>7523</b>
HES FACILITY (CLOSEST TO WELL SITE) <b>Liberal, Ks</b>	

REGION <b>Central Operations</b>	NWA / COUNTRY <b>Mid Continent/USA</b>
MRI ID / EMPL # <b>MCLI0110 / 198516</b>	H.E.S. EMPLOYEE NAME <b>Jason Clemens</b>
LOCATION <b>LIBERAL</b>	COMPANY <b>ANADARKO PETROLUM CORP 3004</b>
TICKET AMOUNT <b>\$9,954.74</b>	WELL TYPE <b>01 Oil</b>
WELL LOCATION <b>SUBLETTE</b>	DEPARTMENT <b>ZI</b>
LEASE NAME <b>ENU 2325619</b>	Well No. <b>12-3</b> SEC / TWP / RNG <b>3-29S-34W</b>

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Clemens, A 198516	8.0			
Arnett, J 226587	8.0			
Cochran, M 217398	8.0			
Beasley, J 299920	7.0			

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
10547690	90			
10251403	90			
10010752-10286731	35			

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_  
 Form. Thickness \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
 Packer Type \_\_\_\_\_ Set At \_\_\_\_\_  
 Bottom Hole Temp. \_\_\_\_\_ Pressure \_\_\_\_\_  
 Retainer Depth \_\_\_\_\_ Total Depth \_\_\_\_\_

Date	Called Out	On Location	Job Started	Job Completed
	4/11/2004	4/11/2004	4/12/2004	4/12/2004
Time	2000	2400	0551	0635

**Tools and Accessories**

Type and Size	Qty	Make
Float Collar		H
Float Shoe		O
Centralizers	12	W
Top Plug	1	C
HEAD	1	H O
Limit clamp	1	O
Weld-A	1	W
Guide Shoe	1	C
BTM PLUG		O

**Well Data**

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	N	15.5	5 1/2		0	6,786	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			7 7/8				Shots/Ft.
Perforations							
Perforations							
Perforations							

**Materials**

Mud Type	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb
Prop. Type	Size	Lb
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		

**Hours On Location**

Date	Hours	Date	Hours
4/11	1.0	4/12	1.0
4/12	7.0		
<b>Total</b>	<b>8.0</b>	<b>Total</b>	<b>1.0</b>

**Operating Hours**

Date	Hours
4/11	1.0
4/12	7.0
<b>Total</b>	<b>8.0</b>

**Description of Job**  
 Cement Production Casing  
**RECEIVED**  
 KANSAS CORPORATION COMMISSION  
**JUN 29 2004**  
 CONSERVATION DIVISION  
 WICHITA, KS

**Cement Data**

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	26	50/60 POZ PP		6% KCL - 6% calseal - 6% gilsonite - .6% halad-322 - .6# d-air 3000 - .6# floce	33.84	6.22	10.00
2	126	50/60 POZ PP		6% KCL - 6% calseal - 6% gilsonite - .6% halad-322 - .6# d-air 3000 - .6# floce	7.43	1.62	13.20
3	26	50/60 POZ PP		6% KCL - 6% calseal - 6% gilsonite - .6% halad-322 - .6# d-air 3000 - .6# floce	7.43	1.62	13.20
4							

**Hydraulic Horsepower**  
 Ordered \_\_\_\_\_ Avail. \_\_\_\_\_ Used \_\_\_\_\_  
**Average Rates in BPM**  
 Treating \_\_\_\_\_ Disp. \_\_\_\_\_ Overall \_\_\_\_\_  
**Cement Left in Pipe**  
 Feet **35** Reason \_\_\_\_\_ **SHOE JOINT**

**Summary**

Circulating Breakdown	Displacement	Preflush: BBI	10.00	Type: WATER
Lost Returns	MAXIMUM	Load & Bkdn: Gal - BBI		Pad: Bbl - Gal
Cmt Rtrn#Bbl	Actual TOC	Excess /Return BBI		Calc. Disp Bbl
Average	Frac. Gradient	Calc. TOC:		Actual Disp. <b>134</b>
Shut In: Instant	5 Min. 15 Min.	Treatment: Gal - BBI		Disp: Bbl
		Cement Slurry BBI	69.0	
		Total Volume BBI	203.00	

Frac Ring #1 \_\_\_\_\_ Frac Ring #2 \_\_\_\_\_ Frac Ring #3 \_\_\_\_\_ Frac Ring #4 \_\_\_\_\_  
**THE INFORMATION STATED HEREIN IS CORRECT**  
 CUSTOMER REPRESENTATIVE \_\_\_\_\_  
 SIGNATURE \_\_\_\_\_

<b>HALLIBURTON JOB LOG</b>				TICKET #	TICKET DATE 04/11/04
REGION Central Operations		NWA / COUNTRY Mid Continent/USA		BDA / STATE MC/Ks	COUNTY HASKEL
MBU ID / EMPL # MCLI0110 / 198516		H.E.S EMPLOYEE NAME Jason Clemens		PSL DEPARTMENT Cement	
LOCATION LIBERAL		COMPANY ANADARKO PETROLUM CORP 3		CUSTOMER REP / PHONE KENNY PARKS	
TICKET AMOUNT \$9,954.74		WELL TYPE 01 Oil		AP/LUMI #	
WELL LOCATION SUBLETTE		DEPARTMENT ZI		JOB PURPOSE CODE Cement Production Casing	
LEASE NAME ENU 2325619		Well No. 12-3	SEC / TWP / RNG 3-29S-34W	RES FACILITY (CLOSEST TO WELL S) Liberal, Ks	

HRS	EMP NAME/EMP # (EXPOSURE HOURS)	HRS	EMP NAME/EMP # (EXPOSURE HOURS)	HRS	EMP NAME/EMP # (EXPOSURE HOURS)	HRS	EMP NAME/EMP # (EXPOSURE HOURS)
8	Clemens, A 198516						
8	Arnett, J 226567						
8	Cochran, M 217398						
7	Beasley, J 299920						

Chart No.	Time	Rate (BPM)	Volume (BBL/GAL)	Rate (GPM)	Press. (PSI)		Job Description / Remarks
					CSG	Tbg	
	2000						CALLED FOR JOB
	2300						ARRIVE ON LOCATION
	2315						PREJOBSAFTEY MEETING
	2330						SPOT EQUIPMENT
4-12	0115						START CASING
	0445						CASING ON BOTTOM CIRCULATE W/ RIG
	0551				3000		PRESSURE TEST
	0553	5.0	10.0		300		START WATER SPACER
	0555	7.0	23.0		350		START SCAVENGER CEMENT 26 SKS MIXED @ 10#
	0600	7.0	36.0		300		START PRIMARY CEMENT 125 SKS MIXED @ 13.2#
	0603	7.0	59.0		250		END CEMENT
	0604						WASH LINES / DROP PLUG
	0609	7.0	134.0		100		START DISPLACEMENT W/ 2% KCL
	0624	7.0	104.0		150		CAUGHT CEMENT
	0628	2.0	124.0		375		SLOW RATE
	0631	2.0	134.0		2000		LAND PLUG ... TEST CASING.....FLOAT HELD
	0632						END JOB
					500		PRESSURE BEFORE LANDING PLUG
	0539	3.0	7.0				PLUG RAT & MOUSE

RECEIVED  
KANSAS CORPORATION COMMISSION  
JUN 29 2004  
CONSERVATION DIVISION  
WICHITA, KS

THANK YOU FOR CALLING HALLIBURTON  
JASON & CREW