

ORIGINAL

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
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: RECEIVED
KANSAS CORPORATION COMMISSION

Designate Type of Completion AUG 02 2004
 New Well Re-Entry
 Oil SWD SLOW 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. _____
3/17/04 3/25/04 4/22/04
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API NO. 15- 129-21727 - 0000
County Morton
SF - NW - NE - SE Sec. 4 Twp. 31 S. R. 39 E W
480 N Feet from S/N (circle one) Line of Section
820 E Feet from E/W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name Blackwell "A" Well # 1
Field Name _____
Producing Formation Chester
Elevation: Ground 3188' Kelley Bushing 3195'
Total Depth 6176' Plug Back Total Depth 6126'
Amount of Surface Pipe Set and Cemented at 1597'
6173' 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 AK 1 W 8.3.04
(Data must be collected from the Reserve Pit)
Chloride content 1200 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 7-30-04
Subscribed and sworn to before me this 30th day of July,
2004
Notary Public [Signature]
MY COMM. EXPIRES DEC. 3, 2005
Date Commission Expires 12-3-05

KCC Office Use ONLY
No Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
_____ Geologist Report Received
_____ UIC Distribution

Operator Name Anadarko Petroleum Corporation

Lease Name Blackwell "A"

Well # 1

Sec. 4 Twp. 31 S.R. 39 East West

County Morton

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.) Yes No

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run (Submit Copy.) Yes No

List All E.Logs Run:
Compensated Sonic; Micro-Resistivity; Compensated Neutron.

Name	Formation (Top), Depth and Datums		<input type="checkbox"/> Sample
	Top	Datum	
Chase	2382'	804'	
Marrow	5350'	-2164'	
St. Gen	5874'	-2688'	
St. Louis	5908'	-2722'	

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	12-1/2"	8-5/8"	22.8	1597' 1795'	MIDCON/Prem	585	2-3% CC
Production	7-7/8"	5-1/2"	15.5	6173'	50/50 POZ	220	5% KC1

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> 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
6	Perfs 5727' -5748'		

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
		2-3/8"	5668'				
Date of First, Resumed Production, SWD or Enhr.				Producing Method			
4/28/04				<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		
	14	1386	32	99000	61.7		

Disposition of Gas: Vented Sold Used on Lease Open Hole Perforation Dually Comp. Commingled

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

METHOD OF COMPLETION _____ Production Interval _____

HALLIBURTON JOB SUMMARY

REGION Central Operations		NWA / COUNTRY Mid Continent/USA		SALES ORDER NUMBER 2981704	TICKET DATE 03/18/04
MBU ID / EMPL # MCLIO103 106304		H.E.S. EMPLOYEE NAME Kirby Harper		BDA / STATE MC/Ks	COUNTY MORTON
LOCATION LIBERAL		COMPANY ANADARKO PETROLEUM CORP		PSL DEPARTMENT Cement	
TICKET AMOUNT \$14,663.87		WELL TYPE 01 Oil		CUSTOMER REP / PHONE KENNY PARKS 620-629-5136	
WELL LOCATION N.W. OF HUGOTON, KS		DEPARTMENT CEMENT		SAP BOMB NUMBER 7521	
LEASE NAME BLACKWELL		Well No. A-1		Cement Surface Casing	
		SEC / TWP / RNG 4 - 31S - 39W		HES FACILITY (CLOSEST TO WELL SITE) Liberal Ks.	

HES EMP NAME / EMP # (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Harper, K 241985	5.5			
Willie D, 226409	5.5			
Tafe, N 106963	4.5			
Ferguson, R 106154	4.5			

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
10219237	110			
10240236-10240245	27			
10011406-10011591	27			

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
	3/18/2004	3/18/2004	3/18/2004	3/18/2004
Time	1430	1700	2100	2230

Type and Size	Qty	Make
Float Collar INSERT/FILL	1	HOWCO
Float Shoe		
Centralizers 8 5/8X12 1/4	1	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 8 5/8 REG	1	HOWCO
BTM PLUG BASKET	1	HOWCO

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	NEW	24#	8 5/8"		0	1,597	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			12 1/4"				Shots/Ft
Perforations							
Perforations							
Perforations							

Materials	Density	Lb/Gal
Mud Type		
Disp. Fluid		
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: 3/18 Hours: 5.5	Date: 3/18 Hours: 1.5	Cement Surface Casing
		RECEIVED
		KANSAS CORPORATION COMMISSION
		AUG 02 2004
		CONSERVATION DIVISION
		WICHITA, KS
Total: 5.5	Total: 1.5	

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

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	435	MIDCON C		3% CC - 1/2# FLOCELE - .1% FWCA	17.98	2.94	11.40
2	150	PREM PLUS		2% CC - 1/4# FLOCELE	6.30	1.34	14.80
3							
4							

Summary			
Circulating Breakdown	Displacement	Preflush: BBI	Type:
Lost Returns - Y	MAXIMUM	Load & Bkdn: Gal - BBI	Pad: Bbl - Gal
Cmt Rtn#Bbl	Lost Returns - F	Excess /Return BBI	Calc. Disp Bbl
Average	Actual TOC	Calc. TOC:	Actual Disp.
Shut in: Instant	Frac. Gradient	Treatment: Gal - BBI	Disp: Bbl
	5 Min.	Cement Slurry BBI	
	15 Min.	Total Volume BBI	
			263.5
			363.57

Frac Ring #1 _____ Frac Ring #2 _____ Frac Ring #3 _____ Frac Ring #4 _____

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE _____
 Signature: *Dennis Deam*
 SIGNATURE

HALLIBURTON JOB SUMMARY

REGION Central Operations		NWA / COUNTRY Mid Continent/USA		SALES ORDER NUMBER 2998751		TICKET DATE 03/27/04	
MBU ID / EMPL # MCLIO110 212723		H.E.S. EMPLOYEE NAME JERRAKO EVANS		BDA / STATE MC/Ks		COUNTY MORTON	
LOCATION LIBERAL		COMPANY ANADARKO PETROLEUM CORP 30		PSL DEPARTMENT Cement		CUSTOMER REP / PHONE KENNY PARKS 629-5136	
TICKET AMOUNT \$10,072.05		WELL TYPE 01 Oil		API/AMI #		SAP BOMB NUMBER 7523	
WELL LOCATION BIG BOW, KS		DEPARTMENT CEMENT		WES FACILITY (CLOSEST TO WELL SITE) LIBERAL		Cement Production Casing	
LEASE NAME BLACKWELL		Well No. A-1		SEC / TWP / RNG 4 - 31S - 39W			

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Evans, J 212723	4.0			
Arnett, J 226567	4.0			
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
10415842	120			
10251403	120			
10010748-10011590	60			

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
	3/27/2004	3/27/2004	3/28/2004	3/28/2004
Time	2000	2300	0130	0300

Tools and Accessories

Type and Size	Qty	Make
Float Collar SSII	1	HOWCO
Float Shoe		
Centralizers S-4	20	HOWCO
Top Plug ALUM	1	HOWCO
HEAD	1	HOWCO
Limit clamp	1	HOWCO
Weld-A	1	HOWCO
Guide Shoe REG	1	HOWCO
BTM PLUG		

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	NEW	15.5	5 1/2		0	6,185	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			7 7/8			6,200	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	
3/27	4.0	3/27	6.0	Cement Production Casing
Total	4.0	Total	6.0	

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 CONSERVATION DIVISION
 WICHITA, KS

Ordered	Hydraulic Horsepower Avail.	Used
Treating	Average Rates in BPM Disp.	Overall
Feet 45	Cement Left in Pipe Reason	SHOE JOINT

Cement Data

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	25	50/50 POZ PP		5%KCL - 5%CALSEAL - 6#GILSONITE - .5%HALAD-322 -	33.84	5.22	10.00
2	170	50/50 POZ PP		5%KCL - 5%CALSEAL - 6#GILSONITE - .5%HALAD-322 -	7.43	1.62	13.20
3	25	50/50 POZ PP		5%KCL - 5%CALSEAL - 6#GILSONITE - .5%HALAD-322 -	7.43	1.62	13.20
4							

Summary

Circulating Breakdown	Displacement	Preflush: BBI	Type:
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. 146
Shut In: Instant	5 Min. 15 Min.	Treatment: Gal - BBI	Disp:Bbl
		Cement Slurry BBI	
		Total Volume BBI	79.0
			225.00

Frac Ring #1 _____ Frac Ring #2 _____ Frac Ring #3 _____ Frac Ring #4 _____

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE _____
Kenny Parks
 SIGNATURE

HALLIBURTON JOB LOG				TICKET # 2998751	TICKET DATE 03/27/04
REGION Central Operations		NWA / COUNTRY Mid Continent/USA		BDA / STATE MC/Ks	COUNTY MORTON
MBU ID / EMPL # MCLIO110 212723		H.E.S EMPLOYEE NAME JERRAKO EVANS		PSL DEPARTMENT Cement	
LOCATION LIBERAL		COMPANY ANADARKO PETROLEUM CORP		CUSTOMER REP / PHONE KENNY PARKS 629-5136	
TICKET AMOUNT \$10,072.05		WELL TYPE 01 Oil		API/UMI #	
WELL LOCATION BIG BOW, KS		DEPARTMENT CEMENT		JOB PURPOSE CODE Cement Production Casing	
LEASE NAME BLACKWELL		Well No. A-1	SEC / TWP / RING 4 - 31S - 39W	HES FACILITY (CLOSEST TO WELL #) LIBERAL	

HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS
Evans, J 212723	4						
Arnett, J 226567	4						
Nichols, J 288309	6						

Chart No.	Time	Rate (BPM)	Volume (BBL)(GAL)	Rate		Press.(PSI)		Job Description / Remarks
				N2	CSG.	CSG.	Tbg	
	2000							CALLED OUT FOR JOB
	2100							JOB READY
	2100							PRE-TRIP SAFETY MEETING
	2300							PT ON LOCATION/ JOB SITE ASSESMENT
	2315							RIG UP TRUCKS
								RIG RUNNING CASING
	0015							CASING ON BOTTOM (6185 FT)
	0020							HOOK UP PC & CIRC IRON/ CIRC WITH RIG PUMP
								HOOK UP TO PT
	0115	2.0	7.0					PLUG RAT & MOUSE HOLES (25 SX 50/50 POZ PP)
	0130					3000		TEST LINES
	0131	6.0	10.0			200		PUMP WATER SPACER
	0132	6.0	23.0			200		START MIXING LEAD CMT @10# (25 SX 50/50 POZ PP)
	0137	6.5	49.0			200		START MIXING TAIL CMT @13.2# (170 SX 50/50 POZ PP)
	0146							WASH PUMP & LINES/ DROP PLUG
	0149	7.0	0-136			100		START DISP WITH 4% KCL WATER
	0207	7.0	115.0			650		DISP REACHED CMT
	0211	2.0	136.0			675		SLOW RATE
	0216	2.0	146.0			2000		BUMP PLUG/ PRESSURE TEST CASING
	0217							RELEASE FLOAT HELD

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KANSAS CORPORATION COMMISSION

AUG 02 2004

CONSERVATION DIVISION
WICHITA, KS

THANKS FOR CALLING HALLIBURTON
JERRAKO & CREW



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KANSAS CORPORATION COMMISSION

AUG 02 2004

July 30, 2004

CONSERVATION DIVISION
WICHITA, KS

Ms. Sharon Ahtone
Kansas Corporation Commission
Conservation Division
130 S. Market-Room 2078
Wichita, KS 67202-3802

**RE: Well Completion Documents
Blackwell "A" 1
Sec. 4, T31S, R39W
Morton County**

Dear Ms. Ahtone:

Please find enclosed the completion documents listed below for the above-mentioned well.

Form ACO-1
Logs
Cement reports

If you need any additional information, please contact me at (832) 636-3128.

Sincerely,

A handwritten signature in black ink, appearing to read "Jerry N. Blossom".

Jerry N. Blossom
Staff Environmental & Regulatory Analyst

Enclosures