

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

ORIGINAL

Operator: License # 5952  
Name: BP AMERICA PRODUCTION COMPANY  
Address P. O. BOX 3092, WL1, RM 3.201  
City/State/Zip HOUSTON, TX 77253-3092  
Purchaser: \_\_\_\_\_  
Operator Contact Person: SUE SELLERS  
Phone ( 281 ) 366-2052  
Contractor: Name: CHEYENNE DRILLING  
License: 5382

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. \_\_\_\_\_  
10/08/03 10/10/03 11/10/03  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API NO. 15- 15-187-21008-0000  
County STANTON  
NE - NE - SW - NW Sec. 13 Twp. 27S S. R. 40  E  W  
1350 N Feet from 3/N (circle one) Line of Section  
1250 W Feet from 2/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name BROWN Well # 4  
Field Name PANOMA

Producing Formation COUNCIL GROVE  
Elevation: Ground 3202' Kelley Bushing 3209'  
Total Depth 2700' Plug Back Total Depth 2700'

Amount of Surface Pipe Set and Cemented at 715 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 SEE LOGS KQR 2/5/08  
(Data must be collected from the Reserve Pit)  
Chloride content 2000 MG/L ppm Fluid volume 1500 bbls  
Dewatering method used DRIED AND FILLED  
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 Sue Sellers  
Title STAFF ASSISTANT Date 11/20/03  
Subscribed and sworn to before me this 20TH day of NOVEMBER,  
20 03

Notary Public [Signature]  
Date Commission Expires \_\_\_\_\_



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

Operator Name BP AMERICA PRODUCTION COMPANY Lease Name BROWN Well # 4

Sec. 13 Twp. 27S S.R. 40W  East  West County STANTON

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 Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run (Submit Copy.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No List All E.Logs Run: <b>COMPENSATED SPECTRAL NATURAL GAMMA</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:60%;">Name</th> <th style="width:20%;">Top</th> <th style="width:20%;">Datum</th> </tr> </thead> <tbody> <tr> <td><b>CHASE</b></td> <td style="text-align: center;"><b>2238'</b></td> <td style="text-align: center;"><b>KB</b></td> </tr> <tr> <td><b>COUNCIL GROVE</b></td> <td style="text-align: center;"><b>2496'</b></td> <td style="text-align: center;"><b>KB</b></td> </tr> </tbody> </table>	Name	Top	Datum	<b>CHASE</b>	<b>2238'</b>	<b>KB</b>	<b>COUNCIL GROVE</b>	<b>2496'</b>	<b>KB</b>
Name	Top	Datum								
<b>CHASE</b>	<b>2238'</b>	<b>KB</b>								
<b>COUNCIL GROVE</b>	<b>2496'</b>	<b>KB</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
<b>SURFACE</b>	<b>12 1/4"</b>	<b>8 3/8"</b>	<b>24#</b>	<b>715'</b>	<b>HLC PP</b>	<b>200</b>	<b>3%CC 1/4#FLO</b>
					<b>PREM PLUS</b>	<b>125</b>	<b>2%CC 1/4#FLO</b>
<b>PRODUCTION</b>	<b>7 7/8"</b>	<b>4 1/2"</b>	<b>10.5#</b>	<b>2700'</b>	<b>HLC PP</b>	<b>530</b>	<b>1/4# FLOCELE</b>

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
<b>4</b>	<b>2530-2540'; 2541-2550'</b>	<b>FRAC-200,000# OF 16/30 BRADY SAND</b>	<b>2530-2550</b>
		<b>W/70Q FOAM</b>	

TUBING RECORD	Size <b>2 3/8"</b>	Set At <b>2565'</b>	Packer At <b>N/A</b>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.		Producing Method		
<b>11/10/03</b>		<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. <b>0</b>	Gas Mcf <b>900</b>	Water Bbls. <b>0</b>	Gas-Oil Ratio <b>0</b>

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) \_\_\_\_\_



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ORIGINAL

<b>HALLIBURTON JOB LOG</b>		TICKET # <b>2709921</b>	TICKET DATE <b>10/08/03</b>
REGION <b>Central Operations</b>	NWA / COUNTRY <b>Mid Continent/USA</b>	BDA / STATE <b>MC/Ks</b>	COUNTY <b>STANTON</b>
MBU ID / EMPL # <b>MCL / IO104</b>	H.E.S. EMPLOYEE NAME <b>JOHN WOODROW</b>	PSL DEPARTMENT <b>Cement</b>	CUSTOMER REP / PHONE <b>DAN KISER 806-255-8042</b>
LOCATION <b>LIBERAL</b>	COMPANY <b>BP AMERICA</b>	AP/WWT # <b>18721008</b>	
TICKET AMOUNT <b>\$6,422.14</b>	WELL TYPE <b>02 Gas</b>	JOB PURPOSE CODE <b>Cement Surface Casing</b>	
WELL LOCATION <b>JOHNSON,KS.</b>	DEPARTMENT <b>CEMENT</b>	RES FACILITY (CLOSEST TO WELL) <b>LIBERAL,KS.</b>	
LEASE NAME <b>BROWN</b>	Well No. <b>4</b>	SEC / TWP / RING <b>13 - 27S - 40W</b>	

HRS EMP NAME/EMPL # (EXPOSURE HOURS)	HRS	HRS EMP NAME/EMPL # (EXPOSURE HOURS)	HRS	HRS EMP NAME/EMPL # (EXPOSURE HOURS)	HRS
<b>Woodrow, J 105848</b>		<b>Pollock, T 106089</b>			
<b>Ollphant, C 243055</b>					

Chart No.	Time	Rate (BPM)	Volume (BBL/GAL)	Rate		Press. (PSI)		Job Description / Remarks
				Hz	CSG	Hz	CSG	
	1730							JOB READY
	1330							CALLED OUT FOR JOB
	1630							PUMP TRUCK & BULK CMT. ON LOCATION
	1645							PRE JOB SITE ASSESMENT / SPOT EQUIP.
	1700							GO OVER BP JSA & R.A.T. SHEET WITH CO MAN & CMT.
								RIG UP
	1730							START RUNNING 8 5/8 CASING & FLOAT EQUIP.
								CASING ON BOTTOM ( 715 FT. )
								HOOK UP 8 5/8 P/C & CIRCULATING IRON
								START CIRCULATING WITH RIG PUMP
								HOLD PRE JOB SAFETY MEETING
								HOOK UP TO PUMP TRUCK
								(JOB PROCEDURE.)
	2014				1000			TEST PUMP & LINES
	2019	6.0	73.0		130			START MIXING 200 SKS LEAD CMT. @ 12.3#/GAL
	2030	4.5	29.0					START MIXING 125 SKS TAIL CMT. @ 14.8#/GAL
								SHUT DOWN / RELEASE PLUG
	2038	6.0						START DISPLACING
	2043							HAVE 25 BBLs. OUT / HAVE CMT. RETURNS TO SURFACE
		2.0			200			HAVE 30 BBLs. OUT / SLOW RATE TO 2 BPM
	2055				250			MAX LIFT PRESSURE BEFORE LANDING PLUG
	2055		42.0		700			PLUG DOWN / RELEASE FLOAT
								FLOAT HELD
								CIRCULATED 72 BBLs. TO SURFACE
								THANK YOU FOR CALING HALLIBURTON !!
								( WOODY & CREW )



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ORIGINAL

# HALLIBURTON JOB LOG

REGION <b>Central Operations</b>		MWA / COUNTRY <b>Mid Continent/USA</b>		TICKET # <b>2711976</b>	TICKET DATE <b>10/09/03</b>
MNU ID / EMPL # <b>MCLIO103 106304</b>		H.E.S EMPLOYEE NAME <b>TYCE DAVIS</b>		SDA / STATE <b>MC/Ks</b>	COUNTY <b>STANTON</b>
LOCATION <b>LIBERAL</b>		COMPANY <b>BP AMERICA</b>		PSL DEPARTMENT <b>Cement</b>	
TICKET AMOUNT <b>\$7,987.99</b>		WELL TYPE <b>02 Gas</b>		CUSTOMER REP / PHONE <b>DAN KISER 806-255-8042</b>	
WELL LOCATION <b>LAND N. BIG BOW</b>		DEPARTMENT <b>CEMENT</b>		JOB PURPOSE CODE <b>Cement Production Casing</b>	
LEASE NAME <b>BROWN</b>		Well No. <b>4</b>	SEC / TWP / RNS <b>13 - 27S - 40W</b>	RES FACILITY (CLOSEST TO WELL #) <b>Liberal Ks.</b>	

HRS	EMP NAME/EMP # (EXPOSURE HOURS)	HRS	EMP NAME/EMP # (EXPOSURE HOURS)	HRS	EMP NAME/EMP # (EXPOSURE HOURS)	HRS	EMP NAME/EMP # (EXPOSURE HOURS)
	Davis, T 106304						
	Wille D. 225409						
	Burrows, R 273921						
	Slater, J 106095						

Chart No.	Time	Rate (bbl/min)	Volume (bbl)	Rate (bbl/min)	Pressure (Psi)	Job Description / Remark
	2130					
	0100					CALLED OUT FOR JOB
	0145					ON LOCATION RIG RIGGING UP TO RUN CASING
	0340					START CASING
	0350					CASING ON BOTTOM HOOK UP PC AND CIRC LINES
	0351					BREAK CIRC W/RIG
	0410					CIRC TO PIT
	0415					THRU CIRC HOOK LINES TO PT
	0420	5.5	192.5		3000	PSI TEST LINES
	0455		192.5		100	PUMP 630SX P+LITE AT 12.3#
	0458	6.0	43.0		300	SHUT DOWN DROP PLUG AND WASH UP
	0504	2.0	43.0		470	PUMP DISPLACEMENT
	0510	2.0	43.0		550-1050	33 BBLs IN SLOW RATE
	0511		43.0		1050-0	LAND PLUG
	0515					RELEASE FLOAT — HELD
						JOB OVER
						CIRCULATED CEMENT TO SURFACE