

**ORIGINAL WELL COMPLETION FORM**

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

RECEIVED

Form ACO-1  
September 1999  
Form must be Typed

OCT 12 2004

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

**KCC WICHITA**

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. \_\_\_\_\_  
6/1/04 6/3/04 8/9/04  
Spud Date or Date Reached TD Completion Date or Completion Date

API NO. 15- 129-21731-0000  
County MORTON  
NE - NE - NW - SW Sec. 24 Twp. 31 S. R. 40  E  W  
2450' S Feet from S/N (circle one) Line of Section  
1250' W Feet from E/W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name BREEDING 'A' Well # 4HI  
Field Name HUGOTON  
Producing Formation CHASE  
Elevation: Ground 3265' Kelley Bushing 3270'  
Total Depth 2723' Plug Back Total Depth \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 596' 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 7/02/07  
(Data must be collected from the Reserve Pit)  
Chloride content 16000 MG/LTR ppm Fluid volume 800 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

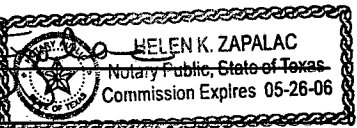
Title REGULATORY STAFF ASSISTANT Date 10/04/04

Subscribed and sworn to before me this 4TH day of OCTOBER

20 04

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 BREEDING Well # 4HI

Sec. 24 Twp. 31, S.R. 40  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.)	<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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	CHASE	2350	KB
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E.Logs Run:				
COMPENSATED SPECTRAL NATURAL GAMMA				

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"	24#	596'	HLC PP	145	3%OC;1/4#FLOC
					PP	150	2%OC;1/4#FLOC
PRODUCTION	7 7/8"	5 1/2"	15.5#	2723'	HLC PP	425	1/4# FLOCELE

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
4	2500 - 2510'	FRAC - W/250,000# 16/30 BRADY SAND	2500-2570
4	2560 - 2570'	70Q N2 FOAM	

TUBING RECORD		Size 2 3/8"	Set At 2585'	Packer At NA	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. 8/9/04			Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls. 0	Gas Mcf 160	Water Bbls. 0	Gas-Oil Ratio	Gravity

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

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

# HALLIBURTON JOB SUMMARY

REGION <b>Central Operations</b>		NWA / COUNTRY <b>Mid Continent/USA</b>		SALES ORDER NUMBER <b>3108236</b>		TICKET DATE <b>06/01/04</b>	
MBU ID / EMPL # <b>MCLIO103 106304</b>		H.E.S. EMPLOYEE NAME <b>TYCE DAVIS</b>		BDA / STATE <b>MC/Ks</b>		COUNTY <b>MORTON</b>	
LOCATION <b>LIBERAL</b>		COMPANY <b>BP AMERICA</b>		PSL DEPARTMENT <b>Cement</b>			
TICKET AMOUNT <b>\$7,062.99</b>		WELL TYPE <b>02 Gas</b>		CUSTOMER REP / PHONE <b>KENNETH BURT 806-255-0008</b>			
WELL LOCATION <b>LAND N. ROLLA KS</b>		DEPARTMENT <b>CEMENT</b>		API/WMI # <b>15-129-21731-0000</b>		SAP BOMB NUMBER <b>7521</b>	
LEASE NAME <b>BREEDING</b>		Well No. <b>A-4</b>		SEC / TWP / RNG <b>24 - 31S - 40W</b>		HES FACILITY (CLOSEST TO WELL SITE) <b>Liberal Ks.</b>	

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
<b>Davis, T 106304</b>	5.5			
<b>Wille D. 225409</b>	5.5			
<b>Beasley, J 299920</b>	5.5			

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H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
<b>10219237</b>	<b>125</b>			
<b>10010748-10011278</b>	<b>28</b>			

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
	<b>6/1/2004</b>	<b>6/1/2004</b>	<b>6/1/2004</b>	<b>6/1/2004</b>
Time	<b>1200</b>	<b>1500</b>	<b>1930</b>	<b>2000</b>

**Tools and Accessories**

Type and Size	Qty	Make
Float Collar <b>TROPHY SEA</b>	<b>1</b>	<b>HOWCO</b>
Float Shoe		
Centralizers <b>S-4</b>	<b>5</b>	<b>HOWCO</b>
Top Plug <b>5W</b>	<b>1</b>	<b>HOWCO</b>
HEAD <b>PC</b>	<b>1</b>	<b>HOWCO</b>
Limit clamp	<b>1</b>	<b>HOWCO</b>
Weld-A	<b>1</b>	<b>HOWCO</b>
Guide Shoe <b>TIGERTOOTH</b>	<b>1</b>	<b>HOWCO</b>
BTM PLUG		

**Well Data**

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	<b>NEW</b>	<b>24#</b>	<b>8 5/8"</b>		<b>0</b>	<b>596</b>	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			<b>12 1/4"</b>				<b>Shots/Ft.</b>
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	Description of Job
<b>6/1</b>				<b>Cement Surface Casing</b>
<b>Total</b>		<b>Total</b>		

**Hydraulic Horsepower**

Ordered \_\_\_\_\_ Avail \_\_\_\_\_ Used \_\_\_\_\_

**Average Rates in BPM**

Treating \_\_\_\_\_ Disp \_\_\_\_\_ Overall \_\_\_\_\_

**Cement Left in Pipe**

Feet **44** Reason \_\_\_\_\_ **SHOE JOINT**

**Cement Data**

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
<b>1</b>	<b>145</b>	<b>HLC PP</b>		<b>3% CC - 1/4# FLOCELE</b>	<b>11.45</b>	<b>2.07</b>	<b>12.30</b>
<b>2</b>	<b>150</b>	<b>PREM PLUS</b>		<b>2% CC - 1/4# FLOCELE</b>	<b>6.30</b>	<b>1.34</b>	<b>14.80</b>
<b>3</b>							
<b>4</b>							

**Summary**

Circulating _____	Displacement _____	Preflush: <b>BBI</b>	Type: _____
Breakdown _____	<b>MAXIMUM</b>	Load & Bkdn: <b>Gal - BBI</b>	Pad:Bbl -Gal _____
Lost Returns- _____	Lost Returns- _____	Excess /Return <b>BBI</b>	Calc. Disp Bbl _____
Cmt Rtrn#Bbl _____	Actual TOC _____	Calc. TOC: _____	Actual Disp. _____
Average _____	Frac. Gradient _____	Treatment: <b>Gal - BBI</b>	Disp:Bbl _____
Shut In: Instant _____	<b>5 Min.</b> _____ <b>15 Min.</b> _____	Cement Slurry <b>BBI</b>	<b>89.0</b>
		Total Volume <b>BBI</b>	<b>89.00</b>

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

**THE INFORMATION STATED HEREIN IS CORRECT**

CUSTOMER REPRESENTATIVE \_\_\_\_\_

*Kenneth Burt*  
SIGNATURE

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<b>HALLIBURTON JOB LOG</b>		<b>KCC WICHITA</b>		TICKET # <b>3108236</b>	TICKET DATE <b>06/01/04</b>
REGION <b>Central Operations</b>	NWA / COUNTRY <b>Mid Continent/USA</b>	BDA / STATE <b>MC/Ks</b>	COUNTY <b>MORTON</b>		
MBU ID / EMPL # <b>MCLIO103 106304</b>	H.E.S EMPLOYEE NAME <b>TYCE DAVIS</b>	PSL DEPARTMENT <b>Cement</b>			
LOCATION <b>LIBERAL</b>	COMPANY <b>BP AMERICA</b>	CUSTOMER REP / PHONE <b>KENNETH BURT 806-255-0008</b>			
TICKET AMOUNT <b>\$7,062.99</b>	WELL TYPE <b>02 Gas</b>	API/UVI # <b>15-129-21731-0000</b>			
WELL LOCATION <b>LAND N. ROLLA KS</b>	DEPARTMENT <b>CEMENT</b>	JOB PURPOSE CODE <b>Cement Surface Casing</b>			
LEASE NAME <b>BREEDING</b>	Well No. <b>A-4</b>	SEC / TWP / RNG <b>24 - 31S - 40W</b>	HES FACILITY (CLOSEST TO WELL'S) <b>Liberal Ks.</b>		

HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS
Davis, T 106304	5.5				
Wille D. 225409	5.5				
Beasley, J 299920	5.5				

Chart No.	Time	Rate (BPM)	Volume (BBL/GAL)	Rate			Press. (PSI)			Job Description / Remarks
				N2	CSO	Tdg	CSO	Tdg	Tdg	
	1200									CALLED OUT FOR JOB
	1500									ON LOCATION RIG DRILLING
	1700									START L.D.D.P
	1745									OUT OF HOLE W/DP RIG UP TO RUN CASING
	1800									START CASING AND FE
	1900									CASING ON BOTTOM HOOK UP PC AND CIRC LINES
	1906									BREAK CIRC WRIG
	1908									CIRC TO PIT
	1920									THRU CIRC HOOK LINES TO PT
	1925						2500			PSI TEST LINES
	1928	7.0	53.4				170			PUMP 145SX P+LITE @ 12.3#
	1938	6.0	36.0				160			PUMP 150SX P+ @ 14.8#
	1944									SHUT DOWN DROP PLUG
	1945	5.0	35.7				110			PUMP DISPLACEMENT
	1954	2.0	35.7				150			26 BBL IN SLOW RATE
	1958	2.0	35.7				200-920			LAND PLUG AND HOLD PSI 5 MIN
	2004						920-0			RELEASE FLOAT HELD
	2005									JOB OVER
										CIRCULATED CEMENT TO SURFACE

# HALLIBURTON JOB SUMMARY

SALES ORDER NUMBER <b>3110974</b>	TICKET DATE <b>06/03/04</b>
BDA / STATE <b>MC/Ks</b>	COUNTY <b>MORTON</b>
PSL DEPARTMENT <b>Cement</b>	CUSTOMER REP / PHONE <b>307 DAN DEER 806-255-8045</b>
API/AMI #	SAP BOMB NUMBER <b>7523</b>
Cement Production Casing	
HES FACILITY (CLOSEST TO WELL SITE) <b>LIBERAL</b>	

REGION <b>Central Operations</b>	NWA / COUNTRY <b>Mid Continent/USA</b>
MBU ID / EMPL # <b>MCLIO104 212723</b>	H.E.S. EMPLOYEE NAME <b>JERRAKO EVANS</b>
LOCATION <b>LIBERAL</b>	COMPANY <b>BP AMERICA</b>
TICKET AMOUNT <b>\$7,446.38</b>	WELL TYPE <b>02 Gas</b>
WELL LOCATION <b>DERMONT, KS</b>	DEPARTMENT <b>CEMENT</b>
LEASE NAME <b>BREEDING</b>	Well No. SEC / TWP / RNG <b>A-4 24 - 31S - 40W</b>

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS
Evans, J 212723	4.0		
Cochran, M 217398	4.0		
Howard, A 285427	4.0		

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES
10415642	125		
10011407-10011306	125		
10011392-10011278	28		

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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
	6/2/2004	6/3/2004	6/3/2004	6/3/2004
Time	2030	0100	0400	0500

Type and Size	Qty	Make
Float Collar		
Float Shoe IFS	1	HOWCO
Centralizers S-4	6	HOWCO
Top Plug ALUM	1	HOWCO
HEAD	1	HOWCO
Limit clamp	1	HOWCO
Weld-A	1	HOWCO
Guide Shoe		
BTM PLUG		

Casing	New/Used		Weight	Size	Grade	From	To	Max. Allow
Liner	NEW		15.5#	5 1/2"		0	2,723	
Liner								
Tubing								
Drill Pipe								
Open Hole				7 7/8"			2,723	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		
Other		

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
6/3	4.0	6/3	7.0	Cement Production Casing
Total	4.0	Total	7.0	

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

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq	Yield	Lbs/Gal
1	425	HLC-PP		1/4# FLOCELE	11.41	2.04	12.27
2							
3							
4							

Summary			
Circulating Breakdown	Displacement	Preflush: BBI	Type
Lost Returns	MAXIMUM	Load & Bkdn: Gal - BBI	Pad: Bbl - Gal
Cmt Rtrn#Bbl	Lost Returns	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. 15 Min.	Cement Slurry BBI	
		Total Volume BBI	
			154.0
			219.00

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

THE INFORMATION STATED HEREIN IS CORRECT  
 CUSTOMER REPRESENTATIVE *Dan Deer*  
 SIGNATURE

