

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

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 SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc.)

If Workover/Reentry: Old Well Info as follows:
Operator: _____
Well Name: _____

Comp. Date _____ Old Total Depth _____
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back _____ PBTB
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Inj?) _____ Docket No. _____
3/4/03 3/6/03 4/19/03
Spud Date Date Reached TD Completion Date

API NO. 15- -093-21723-0000
County KEARNY

_____ E
W2 - SE - NW Sec. 9 Twp. 24S Rge. 35W W

1980' N Feet from S(circle one) Line of Section

1980' W Feet from E/W(circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name BENTRUP B Well # 3

Producing Formation COUNCIL GROVE

Elevation: Ground 2989' KB 2996'

Total Depth 2900' PBTB 2899'

Amount of Surface Pipe Set and Cemented at 872' 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
(Data must be collected from the Reserve Pit) Alt I KGR 1-29-08

Chloride content 8,000 ppm Fluid volume 750 bbls

Dewatering method used DRIED AND FILLED

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____
_____ Quarter Sec. _____ Twp. _____ S Rge. _____ E/W

County _____ Docket No. _____

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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.

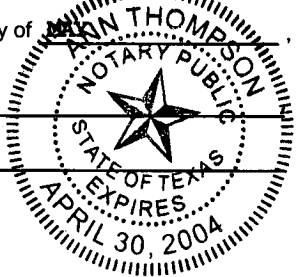
Signature Sue Sellers

Title STAFF ASSISTANT Date 05-07-03

Subscribed and sworn to before me this 7TH day of _____ 20 03

Notary Public Ann Thompson

Date Commission Expires 4-30-04



K.C.C. OFFICE USE ONLY
F _____ Letter of Confidentiality Attached
C _____ Wireline Log Received
C _____ Drillers Timelog Received
Distribution
_____ KCC _____ SWD/Rep _____ NGPA
_____ KGS _____ Plug _____ Other
(Specify)

Operator Name BP AMERICA PRODUCTION COMPANY Lease Name BENTRUP B Well # 3
 Sec. 9 Twp. 24S Rge. 35W East West
 County KEARNY

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 log.

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	2446'	KB
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	COUNCIL GROVE	2724'	KB
List All E.Logs Run: COMPENSATED SPECTRAL NATURAL GAMMA				

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.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
SURFACE	12 1/4"	8 5/8"	24#	872'	PLITE3%/'C'	265 SKS	2%CC;1/4#FLOC
					PLITE3%/'C'	125 SKS	2%CC;1/4#FLOC
PRODUCTION	7 7/8"	4 1/2"	10.5#	2899'	PLITE3%/'C'	565 SKS	1/4# FLOCELE

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	2734-2754'	FRAC-W/150,000# 16/30 BRADY SAND	2734-2754
		& 765,000' OF 80Q N2 FOAM	
		ACID-W/500 GALS OF 15% HCL	2734-2754

TUBING RECORD Size 2 3/8" Set At 2769' Packer At NA Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 4/19/03 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	340	0		

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 2319356	TICKET DATE 03/05/03
WBU ID / EMPL # MCL / IO104		R.E.S. EMPLOYEE NAME JOHN WOODROW		BDA / STATE MC/Ks	COUNTY KEARNY
LOCATION LIBERAL		COMPANY BP AMERICA		PSL DEPARTMENT Cement	
TICKET AMOUNT \$8,595.52		WELL TYPE 02 Gas		CUSTOMER REP / PHONE 307 DAN KISER 806-886-6166	
WELL LOCATION LAKIN,KS.		DEPARTMENT CEMENT		APIA# 150552180	
LEASE NAME BENTRUP "B"		Well No. 3	SEC / TWP / RNG 9 - 24S - 35W	SAP BOMB NUMBER 7521	Cement Surface Casing
HES EMP NAME / EMP # / (EXPOSURE HOURS)		HRS		HRS	

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HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS
Woodrow, J 105848	4.5	Ferguson, R 108164	4.5		
Arnett, J 226567	4.5	Berman, E 467604	4.5		

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	H.E.S. UNIT #S / (R / T MILES)	R / T MILES	H.E.S. UNIT #S / (R / T MILES)	R / T MILES
10415641	100	10240236 / 10240245	30		
54219 / 78299	100	10011406 / 10011590	30		

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
	3/5/2003	3/5/2003	3/5/2003	3/5/2003
Time	1430	1800	2051	2130

Type and Size	Qty	Make
Float Collar		H
Float Shoe		
Centralizers REG 8 5/8	4	A
Top Plug 5-W 8 5/8	1	
HEAD Q/C 8 5/8	1	L
Limit clamp		
Weld-A	1	C
Guide Shoe TIGER TOOTH	1	
BTM PLUG		O

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	New/Used	24#	8 5/8"		KB	872	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			12 1/4"				
Perforations							Shots/Ft.
Perforations							
Perforations							

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	
Perpac Balls	Qty.	
Other		
Other		
Other		
Other		
Other		

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
3/5	4.5	3/5	2.0	Cement Surface Casing
Total	4.5	Total	2.0	SEE JOB LOG ...

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

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	285	HLC PP		3% CC - 1/4# FLOCELE	11.45	2.07	12.30
2	125	PREM PLUS		2% CC - 1/4# FLOCELE	6.30	1.34	14.80
3							
4							

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

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

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE _____
[Signature] SIGNATURE

ORIGINAL

HALLIBURTON JOB LOG		TICKET # 2319356	TICKET DATE 03/05/03
REGION Central Operations	AWA / COUNTRY Mid Continent/USA	BDA / STATE MC/Ks	COUNTY KEARNY
MBU ID / EMPL # MCL / IO104	H.E.S EMPLOYEE NAME JOHN WOODROW	PSL DEPARTMENT Cement	
LOCATION LIBERAL	COMPANY BP AMERICA	CUSTOMER REP / PHONE DAN KISER 806-886-6166	
TICKET AMOUNT \$8,595.52	WELL TYPE 02 Gas	API/UNI # 150552180	
WELL LOCATION LAKIN, KS.	DEPARTMENT CEMENT	JOB PURPOSE CODE Cement Surface Casing	
LEASE NAME BENTRUP "B"	Well No. 3	SEC / TWP / RNG 9 - 24S - 35W	HES FACILITY (CLOSEST TO WELL) LIBERAL, KS.

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
Woodrow, J 105848		Ferguson, R 106154					
Arnett, J 226567		Berman, E 467604					

Chart No.	Time	Rate (BPM)	Volume (BBL/GAL)	Rate		Press. (PSI)		Job Description / Remarks
				N2	CSG	CSG	TOT	
	1830							JOB READY
	1430							CALLED OUT FOR JOB
	1800							PUMP TRUCK & BULK CMT. ON LOCATION
	1805							PRE JOB SITE ASSESMENT / SPOT EQUIP.
	1815							GO OVER BP R.A.T. SHEET / RIG UP
	1845							START RUNNING 8 5/8 CASING & FLOAT EQUIP.
	2015							CASING ON BOTTOM (872 FT.)
	2020							HOOK UP 8 5/8 P/C & CIRCULATING IRON
	2030							START CIRCULATING WITH RIG PUMP
	2045							HOLD PRE JOB SAFETY MEETING
								THROUGH CIRCULATING / HOOK UP TO PUMP TRUCK (JOB PROCEDURE)
	2051					1000		TEST PUMP & LINES
	2052	5.0	10.0			0-150		PUMP FRESH WATER SPACER
	2055	6.0	97.0			160-100		START MIXING 265 SKS LEAD CMT @ 12.3#/GAL
	2111	5.0	30.0			100-130		START MIXING 125 SKS TAIL CMT. @ 14.8#/GAL
								THROUGH MIXING CMT. / SHUT DOWN
	2117	6.0						RELEASE PLUG / START DISPLACING
	2127		40.0			225		HAVE 40 BBLs. OUT / HAVE CMT. RETURNS TO SURFACE
	2127	2.5						SLOW RATE TO 2.5 BPM.
	2130					250		MAX LIFT PRESSURE BEFORE LANDING PLUG
	2130		53.0			750		PLUG DOWN / RELEASE FLOAT
								FLOAT HELD
								THANK YOU FOR CALLING HALLIBURTON !!!! (WOODY & CREW)



HALLIBURTON JOB SUMMARY

REGION Central Operations		INVA / COUNTRY Mid Contintent/USA		SALES ORDER NUMBER 2324969	TICKET DATE 03/07/03
MBU ID / EMPL # MCLJ0101 106322		H.E.S EMPLOYEE NAME Danny McLane		BDA / STATE MC/Ks	COUNTY KEARNY
LOCATION LIBERAL		COMPANY BP AMERICA 307666		PSL DEPARTMENT Cement	
TICKET AMOUNT \$9,699.29		WELL TYPE 02 Gas		CUSTOMER REP / PHONE DAN KISER 806-886-6166	
WELL LOCATION Lakin, Ks		DEPARTMENT Cement		API/WIT # 15055218000000	
LEASE NAME BENTRUP "B" 2261912		Well No. 3	SEC / TWP / RNG 9 - 24S - 35W		SAP BOMB NUMBER 7523
		RECEIVED MAY 1 2 2003		KCC WICHITA	
				WES FACILITY (CLOSEST TO WELL SITE) Liberal Ks	

WES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
McLane, D 106322	10.5			
Tate, N 105953	10.5			
Martinez, T 258816	8.0			
Oliphant, C 243055	8.0			

N.E.S. UNIT #S / (R/T MILES)	R/T MILES	R/T MILES	R/T MILES	R/T MILES
420995	155			
10251401	155			
10244148 10011276	121			
10264553 10011591	121			

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
	3/6/2003	3/6/2003	3/7/2003	3/7/2003
Time	1900	1930	0330	0600

Tools and Accessories

Type and Size	Qty	Make
Float Collar		H
Float Shoe IFS 4 1/2	1	
Centralizers 4 1/2	6	O
Top Plug 4 1/2	1	
HEAD 4 1/2	1	W
Limit clamp		
Weld-A	1	C
Guide Shoe		
BTM PLUG		O

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	New	10.5#	4 1/2"		0	2,899	
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	In
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
3/6	4.5	3/7	1.0	Cement Production Casing
3/7	6.0			
Total		Total		
10.5		1.0		

Ordered _____	Hydraulic Horsepower Avail. _____	Used _____
Treating _____	Average Rates in BPM Disp. _____	Overall _____
Feet .3 _____	Cement Left in Pipe Reason _____	SHOE JOINT

Cement Data

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	666	HLC PP	BULK	1/4# FLOCELE	11.41	2.04	12.27
2							
3							
4							

Summary

Circulating Breakdown _____	Displacement _____	Preflush: BBI _____	5.00	Type: fresh water
Lost Returns- _____	MAXIMUM _____	Load & Bkdn: Gal - BBI _____		Pad: Bbl - Gal _____
Cmt Rtm#Bbl _____	Actual TOC _____	Excess /Return BBI _____		Calc. Disp Bbl _____
Average _____	Frac. Gradient _____	Calc. TOC: _____		Actual Disp. _____
Shut In: Instant _____	5 Min. _____	Treatment: Gal - BBI _____		Disp: Bbl _____
	15 Min. _____	Cement Slurry BBI _____	205.3	
		Total Volume BBI _____	256.30	

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

THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER REPRESENTATIVE _____ SIGNATURE _____

