

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 PBTD

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

3/10/03 3/12/03 5/12/03

Spud Date Date Reached TD Completion Date

API NO. 15- 093-21720-0000

County KEARNY

SW - SW - NE Sec. 14 Twp. 24S Rge. 36W X E

2312 N Feet from SW (circle one) Line of Section

2500 E Feet from EW (circle one) Line of Section

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

Lease Name THOMAS 'A' Well # 4

Producing Formation COUNCIL GROVE

Elevation: Ground 3018' KB 3025'

Total Depth 2865' PBTD 2864'

Amount of Surface Pipe Set and Cemented at 826' 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 RGR 1/28/08

Chloride content 8000 ppm Fluid volume 700 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. _____ EW

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

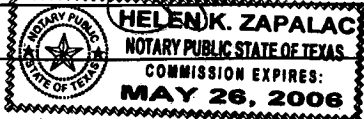
Title STAFF ASSISTANT Date 05/12/03

Subscribed and sworn to before me this 12TH day of MAY

20 03

Notary Public Helena Zapalac

Date Commission Expires _____



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 THOMAS 'A' Well # 4
 Sec. 14 Twp. 24S Rge. 36W 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	2406'	KB
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	COUNCIL GROVE	2678'	KB
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#	826'	HL 'C' PP	250	3%CC:1/4#FLOC
					'C' PP	125	2%CC:1/4#FLOC
PRODUCTION	7 7/8"	4 1/2"	10.5#	2864'	HL 'C' PP	565	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	2696-2716'	FRAC-W/150,300# 16/30 BRADY SAND & 769,000' OF Q80 N2 FOAM	2696-2716
		ACID-W/500 GALS OF 15% HCL	2696-2716

TUBING RECORD	Size 2 3/8"	Set At 2731'	Packer At NA	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	Producing Method			
5/12/03	<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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	0	190	0	

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 2330412	TICKET DATE 03/11/03
REGION Central Operations	NWA / COUNTRY Mid Continent/USA	BDA / STATE MC/Ks	COUNTY KEARNY
MBU ID / EMPL # MCLI0101 106322	H.E.S. EMPLOYEE NAME Danny McLane	PSL DEPARTMENT Cement	
LOCATION LIBERAL	COMPANY BP AMERICA 307666	CUSTOMER REP / PHONE DAN KISER 806-886-6166	
TICKET AMOUNT \$8,635.64	WELL TYPE 02 Gas	API/UVI # 15093217200000	
WELL LOCATION Lakin, Ks	DEPARTMENT Cement	SAP BOMB NUMBER 7521	Cement Surface Casing
LEASE NAME THOMAS "A" 2261914	Well No. 4	SEC / TWP / RNG 14 - 24S - 36W	RES FACILITY (CLOSEST TO WELL SITE) Liberal Ks

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Mclane, D 106322	5.5	Burrows, R 273921	4.0	
Tate, N 105953	5.5			
Heskett, T 271073	5.5			
Ferguson, R 106154	4.0			

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
420995	188			
10251401	188			
10240236 10240245	128			
54225 77031	128			

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
	3/10/2003	3/10/2003	3/11/2003	3/11/2003
Time	2000	2300	0130	0330

Tools and Accessories

Type and Size	Qty	Make
Float Collar	1	COMPETITION
Float Shoe		
Centralizers 8 5/8	4	HOWCO
Top Plug	1	HOWCO
HEAD	1	HOWCO
Limit clamp		
Weld-A	1	HOWCO
Guide Shoe		
BTM PLUG		

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	New	24#	8 5/8"		0	826	
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	
Perpac Balls	Qty.	
Other		
Other		
Other		
Other		
Other		

Hours On Location

Date	Hours	Date	Hours	Description of Job
3/10	2.0	3/11		Cement Surface Casing
3/11	3.5			
Total	5.5	Total		

RECEIVED
MAY 16 2003
KCC WICHITA

Operating Hours

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

Cement Data

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	250	HLC PP	BULK	3% CC - 1/4# FLOCELE	11.45	2.07	12.30
2	125	PREM PLUS	BULK	2% CC - 1/4# FLOCELE	6.30	1.34	14.80
3							
4							

Summary

Circulating Breakdown	Displacement	Preflush: BBI	5.00	Type: fresh water
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.	Cement Slurry BBI	122.0	
		Total Volume BBI	176.60	

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

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE

Danny McLane
 SIGNATURE

ORIGINAL

HALLIBURTON JOB LOG		TICKET # 2330412	TICKET DATE 03/11/03
REGION Central Operations	NWA / COUNTRY Mid Continent/USA	BDA / STATE MC/Ks	COUNTY KEARNY
NBU ID / EMPL # MCL10101 106322	H.E.S EMPLOYEE NAME Danny McLane	PSL DEPARTMENT Cement	
LOCATION LIBERAL	COMPANY BP AMERICA 307666	CUSTOMER REP / PHONE DAN KISER 806-886-6166	
TICKET AMOUNT \$8,635.64	WELL TYPE 02 Gas	APU/WT # 15093217200000	
WELL LOCATION Lakin, Ks	DEPARTMENT Cement	JOB PURPOSE CODE Cement Surface Casing	
LEASE NAME THOMAS "A" 22619	Well No. 4	RES FACILITY (CLOSEST TO WELL #) Liberal Ks	
SEC / TWP / RANG 14 - 24S - 36W			

HRS	ES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	ES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	ES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	ES EMP NAME/EMP # (EXPOSURE HOURS)
	McLane, D 106322	5.5	Burrows, R 273921	4			
	Tate, N 105953	5.5					
	Heskett, T 271073	5.5					
	Ferguson, R 106154	4					

Chart No.	Time	Rate (BPM)	Volume (BBL/GAL)	Rate			Job Description / Remarks
				IN2	CSG	TOT	
	1900						Called for job
	2145						Do pre trip safety meeting
	2200						On location do job site assessment. Rig tripping drill pipe
							Wait on bulk trucks to go over risk assessment
	2230						Bulk trucks on location do job site assessment
	2235						Hold safety meeting and set up trucks
	2245						Drill pipe out of hole
	2250						Hold safety meeting to start running casing & float equip.
	2300						Start running 8 5/8 casing and float equipment.
	0120						Casing on bottom. Hold safety meeting to hook up plug container and circulating hose
	0122						Start circulating with rig pump
	0125						Hold safety meeting on hooking up to pump truck
	0132						Through circulating with rig pump
							Job procedure for 8 5/8 surface
	0134				0/2650		Pressure test lines
	0135	3.0	5.0		0/30		Start fresh water spacer
	0136	5.5	92.2		30/75		Start lead cement @ 12.3 #/gal
	0154	5.5	29.8		120		Start tail cement @ 14.8 #/gal
	0201						Through mixing cement
	0202						Shut down and release top plug
	0203	4.5	50.0		0/65		Start fresh water displacement
	0210				65/100		Displacement caught cement
	0213				190/150		Slow down rate
	0219				230/510		Plug landed and pressure up casing
	0220				510/0		Release pressure
	0225						Hold safety meeting to rig down Halliburton trucks
							Circulated 19 bbls to pit
							Thank you for calling Halliburton
							Danny and Crew

RECEIVED
MAY 16 2003
KEE WICHITA

HALLIBURTON JOB SUMMARY

REGION Central Operations		MNA / COUNTRY Mid Continent/USA		SALES ORDER NUMBER 2333063		TICKET DATE 03/12/03	
WGL ID / EMPL # MCLIO103 106304		H.E.S. EMPLOYEE NAME TYCE DAVIS		BOA / STATE MC/KS		COUNTY KEARNY	
LOCATION LIBERAL KS		COMPANY BP AMERICA		PSL DEPARTMENT Cement			
TICKET AMOUNT \$9,642.22		WELL TYPE 02 Gas		CUSTOMER REP / PHONE DAN KISER 806-886-6166			
WELL LOCATION LAND NE LAKIN		DEPARTMENT CEMENT		API/UMI # 15-0932-1720-0000			
LEASE NAME THOMAS "A"		Well No. 4		SEC / TWP / RNB 14 - 24S - 36W		SAP BOMB NUMBER 7523	
				HES FACILITY (CLOSEST TO WELL SITE) LIBERAL KS			

HES EMP NAME / EMP # / (EXPOSURE HOURS)	NRS	HRS	HRS	HRS
Davis, T 106304	8.5			
Harper, K 241985	8.5			
Archuleta, M 226383	8.0			
Burrows, R 273821	8.0			

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
10219237	184			
54225-77031	120			
10243558-6611	120			

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
	3/11/2003	3/12/2003	3/12/2003	3/12/2003
Time	2230	0130	0630	0730

Type and Size	Qty	Make
Float Collar FILL TUBE	1	HOWCO
Float Shoe IFS	1	HOWCO
Centralizers S-4	6	HOWCO
Top Plug 5W	1	HOWCO
HEAD PC	1	HOWCO
Limit clamp		
Weld-A	1	HOWCO
Guide Shoe		
BTM PLUG		

Well Data	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	NEW	10.5#	4 1/2"		0	2,864	
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	Operating Hours	Description of Job
Date	Hours	Date
3/12		
LIB	9.0	Cement Production Casing
HUG	7.0	
Total	16.0	

Ordered	Hydraulic Horsepower Avail.	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	565	HLC PP		1/4# FLOCELE	11.41	2.04	12.27
2							
3							
4							

RECEIVED
MAY 15 2003

Summary		Type:	
Circulating Breakdown	Displacement MAXIMUM	Flush/BBI	Pad:Bbl -Gal
Lost Returns	Lost Returns	Load & Bkdn. Gal/BBl	Calc. Disp Bbl
Cmt Rtn#Bbl	Actual TOC	Excess /Return BBl	Actual Disp.
Average	Frac. Gradient	Calc. TOC:	Disp:Bbl
Shut In: Instant	5 Min. 15 Min.	Treatment Gal - BBl	205.0
		Cement Slurry BBl	250.50
		Total Volume BBl	

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

ORIGINAL

HALLIBURTON JOB LOG			TICKET # 2333063	TICKET DATE 03/12/03
REGION Central Operations		MWA / COUNTRY Mid Contitnent/USA		BDA / STATE MC/Ks
MBU ID / EMPL # MCLO103 106304		H.E.S EMPLOYEE NAME TYCE DAVIS		COUNTY KEARNY
LOCATION LIBERAL KS		COMPANY BP AMERICA		PSL DEPARTMENT Cement
TICKET AMOUNT \$9,642.22		WELL TYPE 02 Gas		CUSTOMER REP / PHONE DAN KISER 806-886-6166
WELL LOCATION LAND NE LAKIN		DEPARTMENT CEMENT		APILUMI # 15-0932-1720-0000
LEASE NAME THOMAS "A"		SEC / TWP / RNG 14 - 24S - 36W		JOB PURPOSE CODE Cement Production Casing
Well No. 4		HES FACILITY (CLOSEST TO WELL S) LIBERAL KS		

HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS
Davis, T 106304	6.5				
Harper, K 241985	8.5				
Archuleta, M 226383	6				
Burrows, R 273921	6				

Chart No.	Time	Rate (BPM)	Volume (BBL/HR)	Press.(PSI)			Job Description / Remarks
				Rate	Rate	Rate	
	2230						CALLED OUT FOR JOB
	0130						ON LOCATION RIG L.D.D.P.
	0245						OUT OF HOLE W/DP RIG UP TO RUN CASING
	0400						START CASING AND FE
	0547						CASING ON BOTTOM HOOK UP PC AND CIRC LINES
	0554						BREAK CIRC W/RIG
	0600						CIRC TO PIT
	0615						THRU CIRC HOOK LINES TO PT
	0621						PSI TEST LINES
	0627	6.0	205.0		100		PUMP 565SX P+LITE AT 12.3#
	0701						SHUT DOWN DROP PLUG AND WASH UP
	0706	6.0	45.5		250		PUMP DISPLACEMENT
	0706	6.0	45.5		250		0 BBLs IN CEMENT TO PIT
	0713	2.0	45.5		550		36 BBLs IN SLOW RATE
	0718	2.0	45.5		650-1500		LAND PLUG
	0719		45.5		1500-0		RELEASE FLOAT — HELD
	0730						JOB OVER

CIRCULATED 46BBLs CEMENT TO PIT

RECEIVED
MAY 15 2003
KCC WICHITA