

ORIGINAL

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

RECEIVED
DEC 13 2004
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: _____

API NO. 15- 187-21037-0000
County STANTON

NE - NE - SW - SW Sec. 1 Twp. 27S S. R. 40W E W
1250' 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 VATH Well # 4
Field Name HUGOTON

Producing Formation CHASE
Elevation: Ground 3241' Kelley Bushing 3246'
Total Depth 2705' Plug Back Total Depth 2705'

Amount of Surface Pipe Set and Cemented at 764' 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 RGR 6/22/07
(Data must be collected from the Reserve Pit)

Chloride content 1600 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. _____

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. _____
7/14/04 7/17/04 WAIT COMPL.
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

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 12/7/04

Subscribed and sworn to before me this 7TH day of DECEMBER, 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 VATH

Well # 4

Sec. 1 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.) 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 SPECTRAL NATURAL GAMMA

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Name	Top	Datum
CHASE	2298'	KB

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#	764'	HLC PP	260	3%CC;1/4#FLOC
					PP	150	2%CC;1/4#FLOC
PRODUCTION	7 7/8"	5 1/2"	15.5#	2705'	HLC PP	460	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	2420-2430'	FRAC - W/200,000# 16/30 BRADY SAND	2420-2480
4	2470-2480'	70Q N2 FOAM	

TUBING RECORD Size 2 3/8" Set At 2495' Packer At NA Liner Run Yes No

Date of First, Resumed Production, SWD or Enhr. WAITING COMPLETION Producing Method Flowing Pumping Gas Lift Other (Explain)

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

REGION Central Operations		NWA / COUNTRY Mid Continent/USA		SALES ORDER NUMBER 3179541	TICKET DATE 07/14/04
MBU ID / EMPL # MCL10101 301261		H.E.S. EMPLOYEE NAME Scott Green		BDA / STATE MC/Ks	COUNTY STANTON
LOCATION LIBERAL		COMPANY BP AMERICA		PSL DEPARTMENT Cement	
TICKET AMOUNT \$8,353.73		WELL TYPE 01 Oil		CUSTOMER REP / PHONE MIKE COLBERT 806-255-8042	
WELL LOCATION Big Bow, Ks		DEPARTMENT Cement		API/WVI # 15-187-21037-0000	
LEASE NAME VATH		Well No. 4		SAP BOMB NUMBER 7521	
		SEC / TWP / RNG 1 - 27S - 40W		HES FACILITY (CLOSEST TO WELL SITE) Cement Surface Casing	
				Liberal Ks	

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HR	HR	HR	HR
Green, S 301261	11.0			
Smith, B 106036	11.0			
Cunningham, L 310568	11.0			
Berumen, E 267804	11.0			

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
10547695	166			
10219237	166			
10011392 / 10011278	53			
10243558 / 10011277	53			

Form. Name _____ Type: _____
 Form. Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Retainer Depth _____ Total Depth **723'**

Date	Called Out	On Location	Job Started	Job Completed
	7/14/2004	7/14/2004	7/15/2004	7/15/2004
Time	1200	1530	0050	0140

Type and Size	Qty	Make
Float Collar 8 5/8"	1	Howco
Float Shoe		Howco
Centralizers 8 5/8"x12 1/4"	5	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"	1	Howco
BTM PLUG		Howco

New/Used		Weight	Size	Grade	From	To	Max. Allow
Casing	New	24#	8 5/8"		0	763.9	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			12 1/4"		KB	762	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	
7/14	8.0	7/14	0	Cement Surface Casing
7/15	3.0	7/15	1.5	
Total	11.0	Total	1.5	

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Ordered	Hydraulic Horsepower Avail.	Used
Treating	Average Rates in BPM Disp.	Overall
Feet 44.62	Cement Left in Pipe Reason	SHOE JOINT

Cement Data							
Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	260	HLC PP		3% CC - 1/4# FLOCELE	11.45	2.07	12.30
2	150	PREM PLUS		2% CC - 1/4# FLOCELE	6.30	1.34	14.80
3							
4							

Summary						
Circulating Breakdown	Displacement	MAXIMUM	Preflush: BBI	Type:	Pad:Bbl -Gal	
Lost Returns	Actual TOC	Surface	Load & Bkdn: Gal - BBI	Calc. Disp Bbl	42.5	
Cmt Rtrn#Bbl 30	Frac. Gradient		Excess /Return BBI	Actual Disp.	41	
Average Shut In: Instant	5 Min.	15 Min.	Calc. TOC:	Treatment: Gal - BBI		
			Cement Slurry BBI	Total Volume BBI	96 / 36	
					173.00	

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

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE _____
 SIGNATURE _____

HALLIBURTON JOB LOG

REGION Central Operations		NWA / COUNTRY Mid Continent/USA		TICKET # 3179541	TICKET DATE 07/14/04
MBU ID / EMPL # MCL10101 301261		H.E.S EMPLOYEE NAME Scott Green		BDA / STATE MC/Ks	COUNTY STANTON
LOCATION LIBERAL		COMPANY BP AMERICA		PSL DEPARTMENT Cement	
TICKET AMOUNT \$8,353.73		WELL TYPE 01 Oil		CUSTOMER REP / PHONE MIKE COLBERT 806-255-8042	
WELL LOCATION Big Bow, Ks		DEPARTMENT Cement		API/WVI # 15-187-21037-0000	
LEASE NAME VATH		Well No. 4	SEC / TWP / RNG 1 - 27S - 40W	JOB PURPOSE CODE Cement Surface Casing	
HES EMP NAME/EMP # (EXPOSURE HOURS)		HES EMP NAME/EMP # (EXPOSURE HOURS)		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
Green, S 301261	11				
Smith, B 106036	11				
Cunningham, L 310568	11				
Berumen, E 267804	11				

Chart No.	Time	Rate (BPM)	Volume (BBL/GAL)	Rate		Press. (PSI)		Job Description / Remarks
				N2	CSG	Tbg		
	1200							Called for job
	1230							Pre-trip safety meeting
	1530							Arrive at location, perform job site assessment. Discuss job & BP RAT sheet w/- co-rep. Rig drg 12 1/4" hole
	1600							Spot cement unit & bulk trucks & rig-up same.
	0915							TD 12 1/4" hole @ 762'. Circulate & condition hole
	0945							Drop survey
	1000							TOOH w/- DP & collars
	1100							Rig-up & start to RIH w/- 8 5/8" casing
	0020							Casing @ setting depth
	0030							Rig-up cement head / Break circulation
	0040							Safety meeting
	0050				2000			Pressure test
	0053	6.5	96.0		100/175			Mix & pump 260sx lead slurry @ 12.3#
	0109	6.0	36.0		120/215			Mix & pump 150sx tail slurry @ 14.8#
	0115							Stop pumping / Release top plug
	0116	6.0						Displace w/- water
	0124	6.0	30.0		230			Displacement reached cement
	0125	1.0	32.0		250/175			Slow rate
	0134		41.0		200/640			Bump plug
	0138							Bleed off / Check float
								End job / 30bbl good cement returns to surface
								Thanks for calling Halliburton, Liberal Scott & Crew

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HALLIBURTON JOB LOG

REGION Central Operations		NWA / COUNTRY Mid Contintnt/USA		TICKET # 3182667	TICKET DATE 07/16/04
MBU ID / EMPL # MCLI0110 / 217398		H.E.S EMPLOYEE NAME Mickey Cochran		BDA / STATE MC/Ks	COUNTY STANTON
LOCATION LIBERAL		COMPANY BP AMERICA		PSL DEPARTMENT Cement	
TICKET AMOUNT \$7,802.14		WELL TYPE 02 Gas		CUSTOMER REP / PHONE MIKE COLBERT 806-255-8042	
WELL LOCATION BIG BOW, KS		DEPARTMENT ZI		JOB PURPOSE CODE Cement Production Casing	
LEASE NAME VATH		Well No. 4	SEC / TWP / RNG 1 - 27S - 40W	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	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS
Cochran, M 217398	17						
Arnett, J 226567	17						
Olds, R 306196	10						
Torres, J 295373	10						

Chart No.	Time	Rate (BPM)	Volume (BBL/GAL)	Rate		Press. (PSI)		Job Description / Remarks
				N2	CSG	Idg		
	0900							JOB READY
	0600							PRETRIP SAFTY MEETING
	0830							ARRIVE ON LOCATION
	0835							PREJOB SAFTY MEETING W/ HALLIBURTON CREW
	????							DRILL PIPE STUCK ON BOTTOM
	0840							RIG PUMPING OIL
	1400							RELEASED
	1700							CALLED BACK OUT FOR JOB
	1900							ARRIVE ON LOCATION
	1905							PREJOB SAFTY MEETING W/ HALLIBURTON CREW
	1910							SPOT EQUIPMENT
	1915							RIG UP EQUIPMENT
	2120							START CASING
	2340							CASING ON BOTTOM CIRCULATING W/ RIG PUMP
7-17-04	0003					3000		PRESSURE TEST PUMP & LINES
	0008	7.0	167.0			175		START CEMENT 460 SKS @ 12.3#
	0035							SHUT DOWN & WASH PUMP & LINES
	0037							DROP PLUG
	0038	6.0	0			200		START DISPLACEMENT W/ FRESH H2O
	0038	6.0	1.0			210		DISPLACEMENT CAUGHT CEMENT
	0053	2.0	54.0			500		SLOW RATE
	0100	2.0	64.0			1200		BUMP PLUG & HOLD 5 MIN.
	0104	0				0		RELEASE --- FLOAT HELD
	0105							END JOB
						650		PRESSURE BEFORE PLUG LANDED
								CIRCULATED CEMENT TO PIT
THANK YOU FOR CALLING HALLIBURTON								
MICKEY & CREW								

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