

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. _____
10-14-03 10-15-03 11-19-03
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

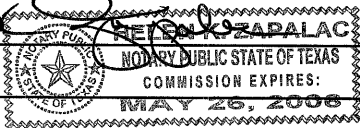
API NO. 15- 067-21544-0000
County GRANT
SE - SE - NW - SW Sec. 26 Twp. 27 S. R. 38 E W
1400 S Feet from SN (circle one) Line of Section
1250 W Feet from EW (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name SHORTER Well # 4
Field Name PANOMA
Producing Formation COUNCIL GROVE
Elevation: Ground 3096' Kelley Bushing 3102'
Total Depth 2829 Plug Back Total Depth 2829
Amount of Surface Pipe Set and Cemented at 697 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 IWHM 10-2-03
(Data must be collected from the Reserve Pit)
Chloride content 2800 MG/LTR ppm Fluid volume 1000 bbls
Dewatering method used DRIED AND BACKFILLED
Location of fluid disposal if hauled offsite: _____
Operator Name _____
Lease Name _____ License No. _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ 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 REGULATORY STAFF ASSISTANT Date 02/05/04
Subscribed and sworn to before me this 5TH day of FEBRUARY, 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

✓

X

Operator Name BP AMERICA PRODUCTION COMPANY

Lease Name SHORTER

Well # 4

Sec. 26 Twp. 27 S.R. 38 East West

County GRANT

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	2362'	KB	
COUNCIL GROVE	2638'	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"	8-3/8" 8.625	24#	697'	HLC PP	185	3%CC 1/4#FLO
					PREM PLUS	125	2%CC 1/4#FLO
PRODUCTION	7 7/8"	4 1/2"	10.5#	2829'	HLC PP	565	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	2660-2680'	FRAC-200,000# OF 16/30 BRADY SAND	2660-2680
		W/70Q FOAM	
		ACID-500 GALS OF 15% HCL	2660-2680

TUBING RECORD	Size 2 3/8"	Set At 2695'	Packer At N/A	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr. 11-19-03	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls. 0	Gas Mcf 200	Water Bbls. 0	Gas-Oil Ratio	Gravity
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Disposition of Gas: Vented Sold Used on Lease Open Hole Perforation Dually Comp. Commingled Other (Specify) _____
 (If vented, submit ACO-18.)

HALLIBURTON JOB SUMMARY

Central Operations		NWA / COUNTRY Mid Continent/USA	SALES ORDER NUMBER 2719386	TICKET DATE 10/14/03
ID / EMP.# CL / IO104	H.E.S. EMPLOYEE NAME JOHN WOODROW		BDA / STATE MC/KS	COUNTY GRANT
LOCATION LIBERAL	COMPANY BP AMERICA	DEPARTMENT CEMENT	ORIGINAL	
TICKET AMOUNT \$6,019.31	WELL TYPE 02 Gas	CUSTOMER REP / PHONE 30 DAN KISER		
WELL LOCATION ULYSSUS,KS.	DEPARTMENT CEMENT	SAP BOMB NUMBER 7521	Cement Surface Casing	
LEASE NAME SHORTER	Well No. 4	SEC / TWP / RNG 26 - 27S - 38W	HES FACILITY (CLOSEST TO WELL SITE) LIBERAL,KS.	

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HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS
Woodrow, J 105848	4.5	Tate, N 105953	
Oliphant, C 243055	4.5		

H.E.S. UNIT #S / (R/T MILES)	R/T MILES	H.E.S. UNIT #S / (R/T MILES)	R/T MILES
10415641	200	10240236 / 10240245	100
10011407 / 10011306	200		

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
	10/14/2003	10/14/2003	10/14/2003	10/14/2003
Time	1400	1730	2016	2100

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

Well Data	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing		24#	8 5/8"		KB	697	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			12 1/4"				
Perforations							Shots/Ft.
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
IE Agent	Gal.	In
Liquid Loss	Gal/Lb	In
Thinning Agent	Gal/Lb	In
Thick. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Locking Agent	Gal/Lb	
Perfor. Balls	Qty.	

Hours On Location	Operating Hours	Description of Job
Date: 10/14	Hours: 4.5	Cement Surface Casing
Date: 10/14	Hours: 1.0	
Total: 4.5		SEE JOB LOG

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

Age	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	185	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							

Calculating	Displacement	Preflush: BBI	Type: FRESH WATER
Backdown	MAXIMUM	Load & Bkdn: Gal - BBI	Pad:Bbl - Gal
First Returns-Y	Lost Returns-N	Excess /Return BBI	Calc.Disp Bbl
First Rtm#Bbl 30	Actual TOC	Calc. TOC:	Actual Disp.
Pressure	Frac. Gradient	Treatment: Gal - BBI	Disp:Bbl
Start In: Instant	5 Min.	Cement Slurry BBI	
	15 Min.	Total Volume BBI	
			10.00
			30
			126.0
			136.00

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE _____

 SIGNATURE

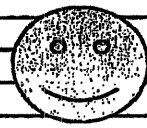
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HALLIBURTON JOB LOG		TICKET # 2719386	TICKET DATE 10/14/03
REGION Central Operations	NWA / COUNTRY Mid Contitnent/USA	BDA / STATE MC/Ks	COUNTY GRANT
ABU ID / EMPL # MCL / IO104	H.E.S EMPLOYEE NAME JOHN WOODROW	PSL DEPARTMENT Cement	
LOCATION LIBERAL	COMPANY BP AMERICA	CUSTOMER REP / PHONE DAN KISER 806-255-8042	
TICKET AMOUNT \$6,019.31	WELL TYPE 02 Gas	API/UM # 67215440000	
WELL LOCATION ULYSSUS,KS.	DEPARTMENT CEMENT	JOB PURPOSE CODE Cement Surface Casing	
LEASE NAME SHORTER	Well No. 4	SEC / TWP / RNG 26 - 27S - 38W	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		Tate, N 105953					
Oliphant, C 243055							

Chart No.	Time	Rate (BPM)	Volume (BBL) (GAL)	Rate (GPM)	Press. (PSI)		Job Description / Remarks
					CSG	TS	
	1800						JOB READY
	1400						CALLED OUT FOR JOB
	1730						PUMP TRUCK ON LOCATION / PRE JOB SITE ASSEMENT
	1800						GO OVER BP JSA & R.A.T SHEET
	1830						START RUNNING 8 5/8 CASING & FLOAT EQUIP.
	1930						CASING ON BOTTOM (697 FT.)
	1945						HOOK UP 8 5/8 P/C & CIRCULATING IRON
	1955						START CIRCULATING WITH RIG PUMP
							HOLD PRE JOB SAFETY MEETING
	2014						THROUGH CIRCULATING / HOOK UP TO PUMP TRUCK
							(JOB PROCEDURE)
	2016				1000		TEST PUMP & LINES
	2018	5.0	10.0		100		PUMP FRESH WATER SPACER
	2020	6.0	68.0		125		START MIXING 185 SKS LEAD CMT. @ 12.3#/GAL
	2030	6.0	29.0		150		START MIXING 125 SKS TAIL CMT. @ 14.8#/GAL
	2036						SHUT DOWN / RELEASE PLUG
	2037				80		START DISPLACING
	2039		10.0				HAVE 10 BBLs. OUT / HAVE CMT. RETURNS TO SURFACE 203
	2045		30.0				HAVE 30 BBLs. OUT / SLOW RATE TO 2 BPM
	2100				240		MAX LIFT PRESSURE BEFORE LANDING PLUG
	2100		41.0		850		PLUG DOWN / RELEASE FLOAT
							FLOAT HELD
							CIRCULATED 30 BBLs. TO SURFACE
							THANK YOU FOR CALLING HALLIBURTON IIII
							(WOODY & CREW)



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HALLIBURTON JOB LOG

REGION Central Operations		MWA / COUNTRY Mid Continent/USA		TICKET # 2721816	TICKET DATE 10/16/03
MBU ID / EMPL # MCL1013 106304		H.E.S. EMPLOYEE NAME TYCE DAVIS		BDA / STATE MC/Ks	COUNTY GRANT
LOCATION LIBERAL		COMPANY BP AMERICA		PSL DEPARTMENT Cement	
TICKET AMOUNT \$7,695.80		WELL TYPE 02 Gas		CUSTOMER REP / PHONE DAN KISER 806-255-8042	
WELL LOCATION LAND NW ULYSSES		DEPARTMENT CEMENT		JOB PURPOSE CODE Cement Production Casing	
LEASE NAME SHORTER		Well No. 4	SEC / TWP / RNS 26 - 27S - 38W	RES FACILITY (CLOSEST TO WELL #) Liberal Ks.	

HRS	EMP NAME/EMP # (EXPOSURE HOURS)	HRS	EMP NAME/EMP # (EXPOSURE HOURS)	HRS	EMP NAME/EMP # (EXPOSURE HOURS)	HRS	EMP NAME/EMP # (EXPOSURE HOURS)
4.5	Davis, T 106304						
4.5	Wille D. 225409						
4.5	Ferguson, R 106154						
4.5	Howard A.J. 285427						

Chart No.	Time	Rate (BPM)	Volume (BBL)	Rate (GPM)	Press (PSI)		Job Description / Remarks
					Surface	Bottom	
	2030						CALLLED OUT FOR JOB
	2300						ON LOCATION RIG L.D.D.P
	2330						OUT OF HOLE WDP RIG UP TO RUN CASING
	0015						START CASING
	0210						CASING ON BOTTOM HOOK UP PC AND CIRC LINES
	0215						BREAK CIRC
	0217						CIRC TO PIT
	0230						THRU CIRC HOOK LINES TO PT
	0235						PSI TEST LINES
	0239	5.5	205.0		120		PUMP 566SX P+LITE AT 12.3#
	0315						SHUT DOWN DROP PLUG AND WASH UP
	0318	6.0	45.0		200		PUMP DISPLACEMENT
	0325	2.0	45.0		450		35BBLs IN SLOW RATE
	0330	2.0	45.0		550-1050		LAND PLUG
	0332		45.0		1050-0		RELEASE FLOAT ----- HELD
	0335						JOB OVER
							CIRCULATED CEMENT TO SURFACE