

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. \_\_\_\_\_

11-17-03 11-18-03 01-07-04

Spud Date or Date Reached TD Completion Date or

Recompletion Date Recompletion Date

API NO. 15- 093-21743-0000

County KEARNY

SW NW NE Sec. 4 Twp. 24 S. R. 35  E  W

1275' N Feet from S (circle one) Line of Section

2510' E Feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name BARROW GAS UNIT Well # 3HI

Field Name HUGOTON

Producing Formation CHASE

Elevation: Ground 3305' Kelley Bushing 3312'

Total Depth 2832' Plug Back Total Depth 2832'

Amount of Surface Pipe Set and Cemented at 866 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)

Chloride content 10000 mg/liter ppm Fluid volume 775 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. \_\_\_\_\_

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.

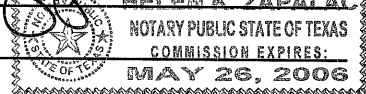
Signature Sue Sellers

Title REGULATORY STAFF ASSISTANT Date 02/05/04

Subscribed and sworn to before me this 5th day of FEBRUARY, 20 04.

Notary Public HELEN K ZAPALAC

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 BARROW GAS UNIT

Well # 3HI

Sec. 4 Twp. 24 S.R. 35  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 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**

Log Formation (Top), Depth and Datums  Sample

Name	Top	Datum
CHASE	2502'	KB
COUNCIL GROVE	2776'	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
<b>SURFACE</b>	12 1/4"	8-3/8" S. 625	24#	866'	HLC PP	255	3%CC 1/4#FLO
					PREM PLUS	125	2%CC 1/4#FLO
<b>PRODUCTION</b>	7 7/8"	4 1/2"	10.5#	2832'	HLC PP	610	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	2524-2534'	FRAC-200,000# OF 16/30 BRADY SAND	2524-2700
4	2566-2576'	W/70Q FOAM	
4	2630-2640'		
4	2690-2700'		

TUBING RECORD Size 2 3/8" Set At 2715' Packer At N/A Liner Run  Yes  No

Date of First, Resumed Production, SWD or Enhr. 01-07-04 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	200	0		

Disposition of Gas:  Vented  Sold  Used on Lease  Open Hole  Perforation  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

(If vented, submit ACO-18.)

# HALLIBURTON JOB SUMMARY

SALES ORDER NUMBER <b>2778086</b>	TICKET DATE <b>11/18/03</b>
BDA / STATE <b>MC/Ks</b>	COUNTY <b>KEARNY</b>
PSL DEPARTMENT <b>Cement</b>	<b>ORIGINAL</b>
CUSTOMER REP / PHONE <b>DAN KISER</b>	
APU/AMI #	SAP BOMB NUMBER <b>7521</b>
HES FACILITY (CLOSEST TO WELL SITE) <b>Liberal Ks.</b>	

REGION <b>Central Operations</b>	NWA / COUNTRY <b>Mid Continent/USA</b>
MBU ID / EMPL # <b>MC10103 106304</b>	H.E.S. EMPLOYEE NAME <b>TYCE DAVIS</b>
LOCATION <b>LIBERAL</b>	COMPANY <b>BP AMERICA</b>
TICKET AMOUNT <b>\$7,262.61</b>	WELL TYPE <b>02 Gas</b>
WELL LOCATION <b>LAND EAST LAKIN</b>	DEPARTMENT <b>CEMENT</b>
LEASE NAME <b>BARROW "GU"</b>	Well No. <b>3HI</b>
	SEC / TWP / RNG <b>4 - 24S - 35W</b>

**RECEIVED**  
**FEB 13 2004**  
**KCC WICHITA**

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Davis, T 106304	5.0			
Wille D. 225409	5.0			
Howard, A.J. 285427	5.0			
Slater J 106095	5.0			

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
10219237	184			
10011406-10011591	64			
10243558-10011277	64			

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
	11/17/2003	11/17/2003	11/18/2003	11/18/2003
Time	1800	2200	0130	0230

Type and Size	Qty	Make
Float Collar		
Float Shoe		
Centralizers		
Top Plug		
HEAD		
Limit clamp		
Weld-A		
Guide Shoe		
BTM PLUG		

	New/Used		Weight	Size Grade	From	To	Max. Allow
Casing	NEW		24#	8 5/8"	0	866	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole				12 1/4"			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			
Other			

Hours On Location		Operating Hours		Description of Job	
Date	Hours	Date	Hours		
11/17				Cement Surface Casing	
Total		Total			

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

Cement Data						
Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield
1	255	HLC PP		3% CC - 1/4# FLOCELE	11.45	2.07
2	125	PREM PLUS		2% CC - 1/4# FLOCELE	6.30	1.34
3						
4						

Summary						
Circulating Breakdown	Displacement	MAXIMUM	Preflush: BBI	Type:		
Lost Returns	Actual TOC	Calc. TOC:	Load & Bkdn: Gal - BBI	Pad: Bbl - Gal		
Cmt Rtrn#Bbl	Frac. Gradient	Treatment: Gal - BBI	Excess /Return BBI	Calc. Disp Bbl		
Average Shut In: Instant	5 Min. 15 Min.	Cement Slurry BBI	Calc. TOC:	Actual Disp.	52	
		Total Volume BBI		Disp: Bbl		
					124.0	
					176.00	

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

**THE INFORMATION STATED HEREIN IS CORRECT**  
 CUSTOMER REPRESENTATIVE \_\_\_\_\_

*[Signature]*  
 SIGNATURE



# HALLIBURTON JOB SUMMARY

<b>REGION</b> Central Operations		<b>NWA / COUNTRY</b> Mid Continent/USA		<b>SALES ORDER NUMBER</b> 2780555		<b>TICKET DATE</b> 11/19/03	
<b>MBU ID / EMPL #</b> MC10103     106304		<b>H.E.S. EMPLOYEE NAME</b> TYCE DAVIS		<b>BDA / STATE</b> MC/Ks		<b>COUNTY</b> KEARNY	
<b>LOCATION</b> LIBERAL		<b>COMPANY</b> BP AMERICA		<b>PSL DEPARTMENT</b> Cement <b>ORIGINAL</b>			
<b>TICKET AMOUNT</b> \$8,771.09		<b>WELL TYPE</b> 02 Gas		<b>CUSTOMER REP / PHONE</b> DAN KISER     806-886-7780			
<b>WELL LOCATION</b> LAND E LAKIN		<b>DEPARTMENT</b> CEMENT		<b>SAP BOMB NUMBER</b> 7523			
<b>LEASE NAME</b> BARROW "GU"		<b>Well No.</b> 3HI		<b>SEC / TWP / RING</b> 4 - 24S - 35W		<b>HES FACILITY (CLOSEST TO WELL SITE)</b> Cement Production Casing	
						Liberal Ks.	

**RECEIVED**  
FEB 13 2004  
KCC WICHITA

HES EMP NAME / EMP # (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Davis, T 106304	6.5			
Wille D. 225409	6.5			
Beruman, E 267804	6.5			
Archuleta, M 226383	6.5			

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
10219237	184			
10243558-10011277	64			
10244148-10286731	64			

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
	11/18/2003	11/19/2003	11/19/2003	11/18/2003
Time	2300	0200	0700	0800

**Tools and Accessories**

Type and Size	Qty	Make
Float Collar FILL TUBE	1	HOWCO
Float Shoe INSERT	1	HOWCO
Centralizers S-4	6	HOWCO
Top Plug 5W	1	HOWCO
HEAD PC	1	HOWCO
Limit clamp	1	HOWCO
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	2,832	
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**

Date	Hours	Date	Hours	Description of Job
11/19				Cement Production Casing
<b>Total</b>		<b>Total</b>		

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

**Cement Data**

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	610	HLC PP		1/4# FLOCELE	11.41	2.04	12.27
2							
3							
4							

**Summary**

Circulating _____	Displacement _____	Preflush: BBI _____	Type: _____
Breakdown _____	MAXIMUM _____	Load & Bkdn: Gal - BBI _____	Pad: Bbl - Gal _____
Lost Returns - < _____	Lost Returns - I _____	Excess /Return BBI _____	Calc. Disp Bbl _____
Cmt Rtn#Bbl _____	Actual TOC _____	Calc. TOC: _____	Actual Disp. _____
Average _____	Frac. Gradient _____	Treatment: Gal - BBI _____	Disp: Bbl _____
Shut in: Instant _____	5 Min. _____	Cement Slurry BBI _____	222.0 _____
	15 Min _____	Total Volume BBI _____	267.00 _____

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

**THE INFORMATION STATED HEREIN IS CORRECT**  
 CUSTOMER REPRESENTATIVE \_\_\_\_\_

*[Signature]*  
 SIGNATURE

