

TYPE OR PRINT  
NOTICE: Fill out completely  
and return to GORS. Div.  
office within 30 days

WELL NUMBER 3  
2264 ~~1950~~ S Ft. from S Section Line  
1532 ~~3880~~ W Ft. from E Section Line

LEASE OPERATOR BP AMERICA PRODUCTION COMPANY

SEC. 23 TWP. 22S RGE. 38W (E) or (W)

ADDRESS P. O. BOX 3092, WL1-RM 3.201, HOUSTON, TX 77253-3092

COUNTY KEARNY

PHONE # (817) 366-2052 OPERATORS LICENSE NO. 5952

Date Well Completed 04/05/68

Character of Well SWD

Plugging Commenced 12/11/03

(Oil, Gas, O&A, SWD, Input, Water Supply Well)

Plugging Completed 12/11/03

The plugging proposal was approved on SEPTEMBER 22, 2003 (date)

by DAVID P. WILLIAMS (KCC District Agent's Name).

is ACO-1 filed? YES If not, is well log attached? \_\_\_\_\_

Producing Formation LANSING (DISPOSAL FLUIDS) Depth to Top 3878' Bottom 4970' T.D. 4970'

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

Formation	Content	From	To	Size	Put in	Pulled out
	SURFACE	GL	1020'	8 5/8"	1020'	-0-
	PRODUCTION	GL	4970'	5 1/2"	4970'	-0-

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plug were used, state the character of same and depth placed, from \_\_\_ feet to \_\_\_ feet each set

SET CIBP AT 3800' W/2SXS OF CEMENT ON TOP - FILL CSG W/WATER AND PRESSURE UP TO 1000 LBS; PERFORATE CURCULATING HOLES AT 1020'; PUMP 263 SXS OF CMT & CIRCULATE CMT UP ANNULUS BETWEEN 5 1/2" 8 5/8" CSG F/1020' TO GL; CUT OFF AND CAP CSG 5' BELOW GL.

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Name of Plugging Contractor HALLIBURTON SERVICES License No. 99997 5287

Address \_\_\_\_\_

NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: BP America Production Co.

STATE OF TEXAS COUNTY OF HARRIS, ss.

SUE SELLERS (Employee of Operator) or (Operator) of above-described well, and matters herein contained and the log of the above-described well as filed that the same are true and correct, so help me God.

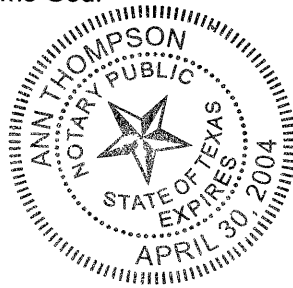
(Signature) Sue Sellers

(Address) P. O. BOX 3092, WL1-RM 3.201, KATY, TX 77253

SUBSCRIBED AND SWORN TO before me this 5TH day of FEBRUARY, 20 04

Ann Thompson  
Notary Public

My Commission Expires: \_\_\_\_\_



# HALLIBURTON JOB SUMMARY

SALES ORDER NUMBER <b>2815588</b>	TICKET DATE <b>12/11/03</b>
BDA / STATE <b>MC/Ks</b>	COUNTY <b>KEARNY</b>
PSL DEPARTMENT <b>Cement</b>	CUSTOMER REP / PHONE <b>Joe Eudey 620-353-4821</b>
SAP BOMB NUMBER <b>7528</b>	Plug to Abandon
HES FACILITY (CLOSEST TO WELL SITE) <b>Liberal Ks</b>	

REGION <b>Central Operations</b>	MMA / COUNTRY <b>Mid Continent/USA</b>
MBU ID / EMPL # <b>MCLI0101 106322</b>	H.E.S. EMPLOYEE NAME <b>Danny McLane</b>
LOCATION <b>LIBERAL</b>	COMPANY <b>BP AMERICA</b>
TICKET AMOUNT <b>\$5,376.73</b>	WELL TYPE <b>02 Gas</b>
WELL LOCATION <b>N/Lakin,Ks</b>	DEPARTMENT <b>Cement</b>
LEASE NAME <b>PATTERSON</b>	Well No. <b>#3</b>
	SEC / TWP / RNG <b>23 - 22S - 38W</b>

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
McLane, D 106322	4.0			
Smith, B 106036	4.0			
Pollock, T 106089	3.0			

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
10547695	220			
10251401	220			
10010748 10011278	80			

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
	12/11/2003	12/11/2003	12/11/2003	12/11/2003
Time	0500	0800	0925	1100

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

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing		15.5#	5 1/2"		0		
Liner							
Liner							
Tubing			2 3/8"				
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	Hours	
12/11				Plug to Abandon
Total		Total		

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 CONSERVATION DIVISION  
 WICHITA, KS

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

Cement Data				Additives	W/Rq	Yield	Lbs/Gal
1	300	10/60 POZMIX		6% Total Gel	8.46	1.64	13.10
2							
3							
4							

Summary			
Displacement	Preflush: BBI	Type:	
MAXIMUM	Load & Bkdn: Gal - BBI	Pad:Bbl -Gal	
Lost Returns-	Excess /Return BBI	Calc.Disp Bbl	
Actual TOC	Calc. TOC:	Actual Disp.	
Frac. Gradient	Treatment: Gal - BBI	Disp:Bbl	
5 Min.	Cement Slurry BBI		
15 Min	Total Volume BBI		

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

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



## Hotnotes Report

Legal Name: PATTERSON SWDS 002  
 Common Name: PATTERSON SWDS 002  
 Country: UNITED STATES  
 API #: 1509320009-~~0001~~ Well ID: 943291 State/Prov: KANSAS County: KEARNY  
 Location:  
 Field Name: WILDCAT WELL (NOT IN REG FIELD)  
 Block: Slot No: 84 Platform:  
 License No: License Date: Licensee:  
 Spud Date/Time: 2/13/1968 - : P&A Date: 12/11/2003

Date	Reason	Description
12/11/2003	CHANGE OF SCOPE	<p>WELL NAME WAS CHANGED TO G.O. PATTERSON #3 IN 1994 WHEN THE DISPOSAL ZONE WAS CHANGED FROM THE ST. LOUIS TO THE LANSING.</p> <ol style="list-style-type: none"> <li>1. SET CIBP AT 3800' WITH 2 SACKS OF CEMENT ON TOP.</li> <li>2. FILL CASING WITH WATER. PRESSURE CASING TO 1000 LBS.</li> <li>3. PERFORATE CIRCULATING HOLES AT 1020'</li> <li>4. ESTABLISH CIRCULATION.</li> <li>5. PUMP 263 SACKS OF CEMENT AND CIRCULATE CEMENT UP ANNULUS BETWEEN 5.5" &amp; 8.625" CASING, LEAVING 5.5" CASING AND ANNULUS FULL OF CEMENT FROM GROUND LEVEL TO 1020'.</li> <li>6. CUT OFF AND CAP CASING 5' BELOW GROUND LEVEL.</li> </ol> <p>ORIGINAL PROCEDURE APPROVED BY JIM HOLLAND WITH THE KCC ON 9/2/2003. CHANGES TO PROCEDURE APPROVED BY AND JOB WITNESSED BY KEVIN STRUBE WITH THE KCC ON 12/11/2003. JOB SUPERVISED BY JOE EUDEY WITH BP.</p> <p>CEMENT INFORMATION: CLASS "H" 60/40 POZ W/6% GEL, MIXED AT 13.1PPG, YIELD 1.64CUFT/SK. 263 SACKS USED.</p> <div style="text-align: right; margin-top: 20px;"> <p><b>RECEIVED</b>  <b>KANSAS CORPORATION COMMISSION</b></p> <p><b>FEB 10 2004</b></p> <p>CONSERVATION DIVISION  WICHITA, KS</p> </div>

# HALLIBURTON

## PLUG, PACKER, RETAINER RUN SHEET

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WICHITA, KS

SHORT JOINT

@

DVT or PCT

@

CASING COLLARS

@



CCL @

3794

STANDOFF

6

TOP OF PLUG

3802

PACKER ELEMENT

3800.5

BOTTOM OF PLUG

3801

PLUG TYPE

5.5" CTBP

PSI. RATING

10,000

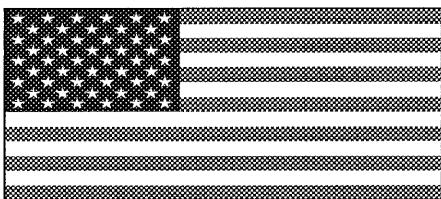
LENGTH OF PLUG

1

RIH

POOH

FLUID LEVEL @ 1590



# SAFETY FIRST

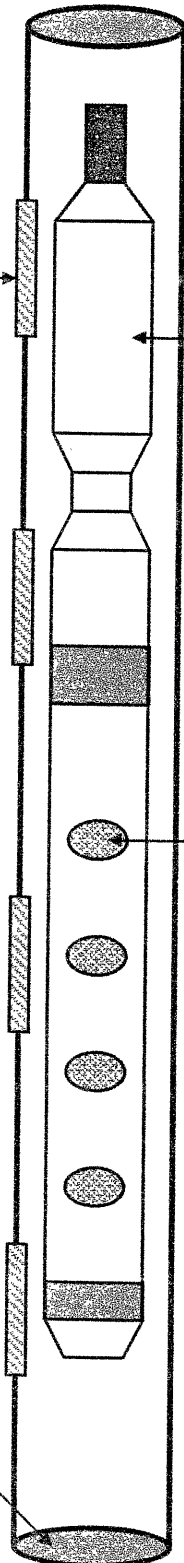
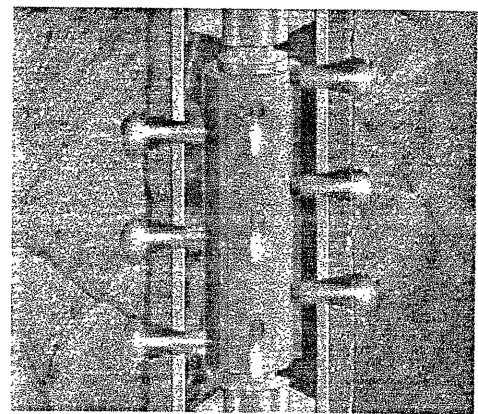


HALLIBURTON

PERFORATING DATA SHEET

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WICHITA, KS

CASING COLLARS



CCL @ 1017.5 ,

STANDOFF = 2.5 ,

TOP SHOT @ = 1020 ,

TOTAL FOOTAGE = 1 ,

BOTTOM SHOT = 1021 ,

SHOTS PER FT. = 4 / PER FT.

SHOTS TOTAL = 4

GM PER SHOT = 19.5

PHASING = 90 DEGREES

4" HSC

FLUID LEVEL 32'

P.B.T.D. 3900'

T.D. \_\_\_\_\_

# BP AMERICA

## PATTERSON

**#3**

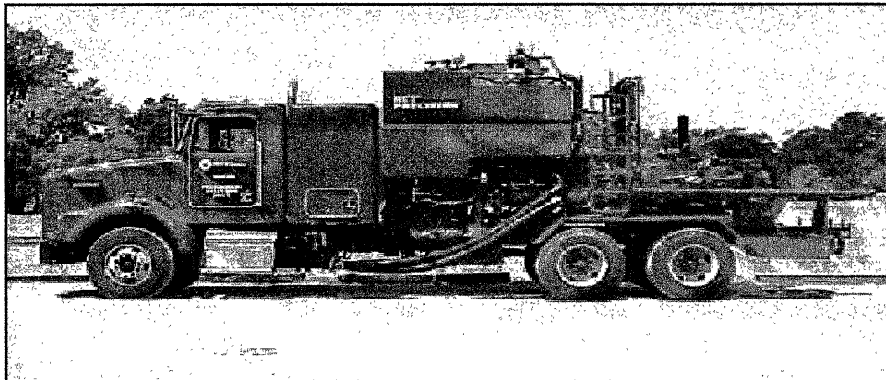
API Well No.:

State

MC/Ks

County

KEARNY



**Plug to Abandon**

**5 1/2"**

**Customer Representative:**

**Joe Eudey**

**Halliburton Operator:**

**Danny McLane**

**Ticket No.:**

**2815588**

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FEB 10 2004

CONSERVATION DIVISION  
WICHITA, KS

# HALLIBURTON





<b>HALLIBURTON JOB SUMMARY</b>		SALES ORDER NUMBER <b>2815588</b>	TICKET DATE <b>12/11/03</b>
REGION <b>Central Operations</b>	NWA / COUNTRY <b>Mid Continent/USA</b>	BDA / STATE <b>MC/Ks</b>	COUNTY <b>KEARNY</b>
MBU ID / EMPL # <b>MCLI0101 106322</b>	H.E.S. EMPLOYEE NAME <b>Danny McLane</b>	PSL DEPARTMENT <b>Cement</b>	
LOCATION <b>LIBERAL</b>	COMPANY <b>BP AMERICA</b>	CUSTOMER REP / PHONE <b>Joe Eudey 620-353-4821</b>	
TICKET AMOUNT <b>\$5,376.73</b>	WELL TYPE <b>02 Gas</b>	API/UWI #	
WELL LOCATION <b>N/Lakin,Ks</b>	DEPARTMENT <b>Cement</b>	SAP BOMB NUMBER <b>7528</b>	Plug to Abandon
LEASE NAME <b>PATTERSON</b>	Well No. <b>#3</b>	SEC / TWP / RNG <b>23 - 22S - 38W</b>	
		HES FACILITY (CLOSEST TO WELL SITE) <b>Liberal Ks</b>	

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HR	HR	HR	HR
<b>McLane, D 106322</b>	4.0			
<b>Smith, B 106036</b>	4.0			
<b>Pollock, T 106089</b>	3.0			

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
<b>10547695</b>	<b>220</b>			
<b>10251401</b>	<b>220</b>			
<b>10010748 10011278</b>	<b>80</b>			

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
	<b>12/11/2003</b>	<b>12/11/2003</b>	<b>12/11/2003</b>	<b>12/11/2003</b>
Time	<b>0500</b>	<b>0800</b>	<b>0925</b>	<b>1100</b>

Tools and Accessories

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

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing		15.5#	5 1/2"		0		
Liner							
Liner							
Tubing			2 3/8"				
Drill Pipe							
Open Hole			7 7/8"				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	
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		
Other		

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
<b>12/11</b>				<b>Plug to Abandon</b>
Total		Total		

**RECEIVED**  
**KANSAS CORPORATION COMMISSION**  
**FEB 10 2004**  
 CONSERVATION DIVISION  
 WICHITA, KS

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

Cement Data

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
<b>1</b>	<b>300</b>	<b>0/60 POZMIX</b>		<b>6% Total Gel</b>	<b>8.46</b>	<b>1.64</b>	<b>13.10</b>
2							
3							
4							

Summary

Circulating Breakdown	Displacement	Preflush: BBI	Type:
Lost Returns	MAXIMUM	Load & Bkdn: Gal - BBI	Pad:Bbl -Gal
Cmt Rtrn#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	
		Total Volume BBI	

**Frac Ring #1**      **Frac Ring #2**      **Frac Ring #3**      **Frac Ring #4**

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