





# HALLIBURTON JOB SUMMARY

REGION  
Central Operations  
MBU ID / EMPL.#  
**MCL10101 106036**  
LOCATION  
**LIBERAL**  
TICKET AMOUNT  
**\$19,592.23**  
WELL LOCATION  
**ULYSSES, KS**  
LEASE NAME  
**BLAKE**

NWA / COUNTRY  
**Mid Continent/USA**  
H.E.S. EMPLOYEE NAME  
**Bob Smith**  
COMPANY  
**PIONEER NATURAL RESOURCES**  
WELL TYPE  
**02 Gas**  
DEPARTMENT  
**Cement**  
Well No. SEC / TWP / RNG  
**1-18R 18 - 30S - 36W**

SALES ORDER NUMBER  
**3686843**  
TICKET DATE  
**04/30/05**  
BDA / STATE  
**MC/Ks**  
COUNTY  
**GRANT**  
PSL DEPARTMENT  
**Cement**  
CUSTOMER REP / PHONE  
**DAVID HIGGINS 1-620-353-8548**  
API/UVI #  
SAP BOMB NUMBER  
**7523**  
HES FACILITY (CLOSEST TO WELL SITE)  
**Liberal Ks**  
**PRODUCTION CASING**

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	RECEIVED	HRS	HRS
Smith, B 106036	10.0	Beasley, J 299920	<b>AUG 10 2005</b>		
Ferguson, Roscoe 106154	10.0				
Martin, J 317927	10.0				
campbell rex 333696	10.0				

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	KCC WICHITA	R / T MILES	R / T MILES
10547695	40				
10251401	40				
10244145/10286731	20				
10240236/10240245	20				

Form. Name	Type:	From	To	Called Out	On Location	Job Started	Job Completed
Form. Thickness	Set At			Date 4/30/2005	4/30/2005	4/30/2005	4/30/2005
Packer Type	Pressure						
Bottom Hole Temp.	Total Depth			Time 0500	0730	1505	1615
Retainer Depth							

Tools and Accessories			Well Data					
Type and Size	Qty	Make	New/Used	Weight	Size Grade	From	To	Max. Allow
INSERT 5 1/2	1	Howco		15.5#	5 1/2	0	3,299	
Float Shoe 5 1/2		Howco						
Centralizers 5 1/2	15	Howco						
Top Plug 5 1/2	1	Howco						
HEAD 5 1/2	1	Howco						
Limit clamp 5 1/2	1	Howco			7 7/8"			Shots/Ft.
Weld-A 5 1/2	1	Howco						
Guide Shoe 5 1/2	1	Howco						
BTM PLUG 5 1/2		Howco						

Materials		Hours On Location		Operating Hours		Description of Job	
Mud Type	Density	Lb/Gal	Date	Hours	Date	Hours	Cement Production Casing
Disp. Fluid	Density	Lb/Gal	4/30	10.0	4/30	1.5	
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	In					
Perfpac Balls	Qty.						
Other			Ordered				Used
Other			Treating				Overall
Other			Feet 21				Reason
Other							SHOE JOINT

Cement Data			Additives			W/Rq.	Yield	Lbs/Gal
Stage	Sacks	Cement	Bulk/Sks	8% TOTAL GEL - 5# GILSONITE - 6/10% HALAD-322 -		10.48	2.10	12.60
1	350	MHLC C		5# GILSONITE - 2% CC - .6% HALAD-322 - 1/4# FLOCELE -		6.30	1.42	14.50
2	180	PREM PLUS C						
3								
4								

Summary			
Circulating	Displacement	Preflush:	BBI
Breakdown	MAXIMUM	Load & Bkdn:	Gal - BBI
Lost Returns-	Lost Returns-l	Excess /Return	BBI
Cmt Rtrn#Bbl	Actual TOC	Calc. TOC:	SURFACE
Average	Frac. Gradient	Treatment:	Gal - BBI
Shut In: Instant	5 Min.	Cement Slurry	BBI
		Total Volume	BBI
			LC 131.0
			254.50
			TC 45.5

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

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

SIGNATURE *David W. Higgins*





# HALLIBURTON JOB LOG

TICKET #	3677538	TICKET DATE	04/25/05
REGION	Central Operations	BDA / STATE	MC/Ks
MVA / COUNTRY	Mid Contitnent/USA	COUNTY	GRANT
MBU ID / EMPL #	MCLIO103 106304	PSL DEPARTMENT	Cement
H.E.S. EMPLOYEE NAME	TYCE DAVIS	CUSTOMER REP / PHONE	DAVID HIGGINS 1-620-353-8548
LOCATION	LIBERAL	API/UWI #	
TICKET AMOUNT	\$12,146.08	WELL TYPE	02 Gas
WELL LOCATION	LAND SE ULYSSES	DEPARTMENT	CEMENT
LEASE NAME	BLAKE	JOB PURPOSE CODE	Cement Surface Casing
Well No.	1-18R	SEC / TWP / RNG	18 - 30S - 36W
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
Davis, T 106304	6.5						
Archuleta, M 226383	8.5						
Olds, R 306196	6.5						

Chart No.	Time	Rate (BPM)	Volume (BBL)(GAL)	Rate		Press. (PSI)		Job Description / Remarks
				N2	CSG	Tbg		
	1130							CALLED OUT FOR JOB
	1500							ON LOCATION RIG DRILLING
	1700							START L.D.DP
	1800							OUT OF HOLE W/DP RIG UP TO RUN CASING
	1905							CASING ON BOTTOM HOOK UP PC AND CIRC LINES
	1910							BREAK CIRC W/RIG
	1912							CIRC TO PIT
	1920							THRU CIRC HOOK LINES TO PT
	1928					2000		PSI TEST LINES
	1931	6.0	5.0			150		PUMP H2O SPACER
	1933	5.5	73.0			150		PUMP 200SX P+ HLC @ 12.3#
	1946	5.0	42.0			150		PUMP 175SX P+ @ 14.8#
	1954		37.0					SHUT DOWN DROP PLUG
	1955	6.0	37.0			50		PUMP DISPLACEMENT
	2001	2.0	37.0			200		27 BBLs IN SLOW RATE
	2005	2.0				200-850		LAND PLUG
	2006					850-0		RELEASE FLOAT ——— HELD
	2010							JOB OVER

**RECEIVED**  
 AUG 10 2005  
 KCC WICHITA

# INVOICE

## HALLIBURTON

Halliburton Energy Services, Inc.

### Wire Transfer Information

Account Number:

ABA Routing Number:

Remit To : P.O. Box 203143, Houston, TX 77216-3143

**Invoice Date: April 26, 2005**

**Invoice Number: 93196559**

**DIRECT CORRESPONDENCE TO:**

P.O. Box 1598  
LIBERAL, KS 67905-1598  
US  
Tel: 620-624-3879  
Fax: 620-629-4673

Rig Name:  
Well Name: PIONEER BLAKE 1-18R, GRANT  
Ship to: ULYSSES, KS 67880  
GRANT

Job Date: April 25, 2005  
Cust. PO No.: N/A  
Payment Terms: Net 30 days from Invoice date  
Quote No.: 21182593  
Sales Order No.: 3677538

**TO:**

PIONEER NATURAL RES U S A INC  
OPERATIONS DEPT.  
PO BOX 1006  
ULYSSES KS 67880

Manual Ticket No.:  
Shipping Point: LIBERAL Hwy 54 W. Ship Pt.  
Ultimate Destination Country: US  
Customer Account No.: 304606

Contract No.:  
Contract from:  
Contract to:

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
7521	PSL - CMT SURFACE CASING - BOM JP010	1.00	JOB					
1	*ZI-MILEAGE FROM NEAREST HES B 000-117 Number of Units	40.000	MI		6.56	262.40	136.45	125.95
86955	ZI FUEL SURCHG-HEAVY TRKS >1 FUEL SURCHG-HEAVY TRKS >1 1/2 TON/PER MI Number of Units	40.000	MI		0.30	12.00		12.00
2	MILEAGE FOR CEMENTING CREW,ZI 000-119 Number of Units	40.000	MI		3.86	154.40	80.29	74.11
86954	ZI FUEL SURCHG-CARS/PICKUPS<1 FUEL SURCHG-CARS/PICKUPS<1 1/2TON/PER/MI Number of Units	40.000	MI		0.10	4.00		4.00
16091	ZI - PUMPING CHARGE 001-016 DEPTH FEET/METERS (FT/M)	1.000	EA	700 FT	2,817.00	2,817.00	1,464.84	1,352.16
132	PORTABLE DAS,/DAY/JOB,ZI 045-050 NUMBER OF DAYS	1.000	JOB		1,153.00	1,153.00	599.56	553.44
142	AXIAL FLOW MIXER,W/O ADC,/JOB, 046-070 NUMBER OF JOBS	1.000	EA		797.00	797.00	414.44	382.56

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## HALLIBURTON

Halliburton Energy Services, Inc.

Continuation

Remit To : P.O. Box 203143, Houston, TX 77216-3143

**Invoice Date: April 26, 2005**

**Invoice Number: 93196559**

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
74038	ZI PLUG CONTAINER RENTAL-1ST D DAYS OR FRACTION (MIN1)	1.000	EA 1 Days	924.00		924.00	480.48	443.52
*101227839	PLUG,CMTG, TOP.8 5/8,HWE,7.20 M PLUG, CEMENTING, TOP, 8 5/8, HWE, 7.20 / MIN/8.09 MAX CASING ID, SYNTHETIC / SERVICE	1.000	EA		265.83	265.83	138.23	127.60
*101314446	SHOE,CSG,TIGER TOOTH,8 5/8 IN SHOE, CASING, TIGER TOOTH, 8 5/8 INCH / 8RD, 7.972 DRIFT ID	1.000	EA		651.20	651.20	227.92	423.28
*100004702	VALVE ASSY-INSERT FLOAT-8-5/8 24A- 815.19502 / VALVE ASSY - INSERT FLOAT - 8-5/8 8RD / CSG 24#	1.000	EA		474.91	474.91	166.22	308.69
*100013933	FILLUP ASSY - 1.500 ID - 7 IN. 815.19405 / FILLUP ASSY - 1.500 ID - 7 IN. - 8-5/8 / INSERT FLOAT VALVE	1.000	EA		105.13	105.13	36.80	68.33
*100004521	CENTRALIZER ASSY - 8-5/8 CSG X 40806.61048 / CENTRALIZER ASSY - 8-5/8 CSG X 12-1/4 / HOLE - HINGED - W/WELDED STANDARD / BOWS	4.000	EA		129.53	518.12	181.34	336.78
*100004599	BASKET - CEMENT - 8 5/8 CSG X 806.70060 / BASKET - CEMENT - 8-5/8 CSG X 11 - / 12-1/4 HOLE - SLIP-ON - STEEL VANE - / UNIVERSAL BOW	1.000	EA		417.74	417.74	146.20	271.54
*100004642	CLP,LIM,8 5/8,FRICT,WTH DOGS XXXXXXXX 806.72750 / CLAMP - LIMIT - 8-5/8 - FRICTION - / W/DOGS	1.000	EA		63.30	63.30	22.16	41.14
*100005045	HALLIBURTON WELD-A KIT HALLIBURTON WELD-A KIT	1.000	EA		46.82	46.82	16.39	30.43
372867	Cmt PSL - DOT Vehicle Charge, Cmt PSL - DOT Vehicle Charge, CMT	2.000	EA		161.50	323.00		323.00
*14241	SBM Halliburton Light Premium 504-120	200.000	SK		24.07	4,814.00	2,503.28	2,310.72
*100005049	Chemical - Flocele (25 lb sk) XXXXXXXX 890.50071 / FLOCELE - 3/8 - 25 LB SACK	94.000	LB		4.47	420.18	218.49	201.69

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**HALLIBURTON**  
Halliburton Energy Services, Inc.

APR 28 2005

Continuation

Remit To : P.O. Box 203143, Houston, TX 77216-3143

MIDCONTINENT

HUGOTON PROD

Invoice Date: April 26, 2005

Invoice Number: 93196559

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
*100005053	Chemical - Calcium Chloride Hi 509-406890.50812 / CALCIUM CHLORIDE - HI TEST PELLET - / 94- 97% CACL 2 - 80# BAG	9.000	SK		150.30	1,352.70	703.40	649.30
*100012205	Cement- Class C / Premium Plus 504-050516.00265 / CEMENT - CLASS C - PREMIUM - BULK	175.000	SK		30.61	5,356.75	2,785.51	2,571.24
3965	HANDLE&DUMP SVC CHR, CMT&ADDI 500-207 NUMBER OF EACH	411.000	CF		3.68	1,512.48	786.49	725.99
76400	ZI MILEAGE,CMT MTLs DEL/RET MI 500-306 / MILEAGE,CMTG MTLs DEL/RET PER/TON MI.MIN NUMBER OF TONS	357.000	MI		2.24	799.68	415.83	383.85
87605	ZI FUEL SURCHG-CMT & CMT ADDIT FUEL SURCHG-CMT & CMT ADDITIVES/PER TNM NUMBER OF TONS	357.000	MI		0.10	35.70		35.70
<b>Total</b>						<b>23,281.34</b>	<b>11,524.32</b>	<b>11,757.02</b>
Sales Tax - State								389.06
<b>INVOICE TOTAL</b>								<b>12,146.08</b>
								US Dollars

VENDOR *CHT-766*

SE/WEEL	GEN	SUB	Amount	Svc Date
26377-00	1018	309	12,146.08	4/25/05

*AFECO 7091*

*5-13-05*  
*D.H.*

Payment Terms: If customer does not have an approved open account with Halliburton, all sums are payable in cash at the time of performance of services or delivery of equipment, products, or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any amount, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.