

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

ORIGINAL

Operator: License # 04824

Name: PIONEER NATURAL RESOURCES USA, INC.

Address ATTN: ANGIE HERNANDEZ - ROOM 1323

City/State/Zip IRVING, TX 75039

Purchaser: PIONEER NATURAL RESOURCES USA, INC.

Operator Contact Person: ANGIE HERNANDEZ

Phone (972) 444-9001

Contractor: Name: VAL DRILLING

License: 5822

Wellsite Geologist: \_\_\_\_\_

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  SLOW  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. \_\_\_\_\_

3/26/03 3/31/03 4/28/03  
Spud Date or Date Reached TD Completion Date or Recompletion Date

API NO. 15- 15-081-21475-0000

County HASKELL

     - NW - NW - NE Sec. 11 Twp. 29S S. R. 34W  E  W

2765' FNL Feet from S/N (circle one) Line of Section

1250' FEL Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one)  NE  SE  NW  SW

Lease Name WRIGHT Well # 4-11R

Field Name HUGOTON

Producing Formation CHASE

Elevation: Ground 2958.53' Kelley Bushing 2963'

Total Depth 2915' Plug Back Total Depth 2882'

Amount of Surface Pipe Set and Cemented at 767' 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 I KGR 2-1-08  
(Data must be collected from the Reserve Pit)

Chloride content 1000 ppm Fluid volume 3000 bbls

Dewatering method used DRY OUT/EVAPORATION/BACKFILL

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.

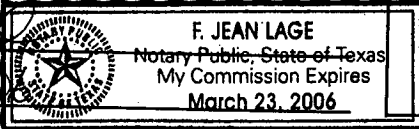
Signature Angie Hernandez

Title SR. ENGINEERING TECH Date 10/2/03

Subscribed and sworn to before me this 2<sup>nd</sup> day of OCTOBER

Notary Public [Signature]

Date Commission Expires 3/23/06



**KCC Office Use ONLY**  
 Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

RECEIVED  
OCT 06 2003  
KCC WICHITA

Operator Name PIONEER NATURAL RESOURCES USA, INC.

Lease Name WRIGHT

Well # 4-11R

Sec. 11 Twp. 29S S.R. 34W  East  West

County HASKELL

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:

SONIC CEMENT BOND LOG  
COMPENSATED NEUTRON COMPENSATED PHOTO-DENSITY LOG  
ARRAY INDUCTION SHALLOW FOCUSED ELECTRIC LOG

Name	Formation (Top), Depth and Datums	
	Top	Datum
CHASE	2508'	MD
KRIDER	2563'	MD
FT. RILEY	2726'	MD
COUNCIL GROVE	2841'	MD

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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#	767.22'	LT. PREM+	370	2%CaC12
PRODUCTION	7-7/8"	5-1/2"	15.5#	2915'	15/85 POZMX	560	2%CaC12

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
1	2508' - 2712' (116' w/ 122 Holes)	ACDZ 4991 GAL 15% HCLFe. FLSH 2873	
3	2725' - 2738' (13' w/ 39 Holes)	GAL 20# WF G. FRAC 97500 GAL WFG20	
		+ 150000# 16/30 OTTAWA SAND	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-3/8"	2915'	N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First Resumed Production, SWD or Enhr.			Producing Method		
4/28/03			<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	490	0	..	..

Disposition of Gas: METHOD OF COMPLETION Production Interval

Vented  Sold  Used on Lease  Open Hole  Perforation  Dually Comp.  Commingled 2508' - 2738'

(If vented, submit ACO-18.)  Other (Specify) \_\_\_\_\_

ORIGINAL

# 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: March 31, 2003

RECEIVED

Invoice Number: 91863266

**DIRECT CORRESPONDENCE TO:**  
 P.O. Box 1598  
 Liberal, KS 67905-1598  
 US  
 Tel: (620)624-3879  
 Fax: (620)624-9745

PIONEER NATURAL RES

Well Name: PION NAT RES WRIGHT 4-11R, HASKELL

Ship to: SATANTA, KS 67870

HASKELL

APR 08 2003

Job Date: March 31, 2003

Cust. PO No.: NA

Payment Terms: net due 45 days

Quote No.: 21026775

Sales Order No.: 2364833

Manual Ticket No.:

Shipping Point: LIBERAL Hwy 54 W. Ship Pt.

Rig Name:

Ultimate Destination Country: US

Customer Account No.: 304606

Contract No.:

Contract from:

Contract to:

TO:

PIONEER NATURAL RES U S A INC  
 ATTN: ACCOUNTS PAYABLE  
 5205 N O'CONNOR BLVD  
 IRVING TX 75039-3746

RECEIVED

OCT 06 2003

KCC WICHITA

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
7523	PSL - CMT PRODUCTION CASING - JP035	1.00	JOB					
1	"ZI-MILEAGE FROM NEAREST HES B 000-117 Number of Units	40.000 1	MI unit		5.03	201.20	120.72	80.48
86955	ZI FUEL SURCHG-HEAVY TRKS >1 1 FUEL SURCHG-HEAVY TRKS >1 1/2 TON/PER MI Number of Units	40.000 1	MI unit		0.24	9.60		9.60
2	MILEAGE FOR CEMENTING CREW,ZI 000-119 Number of Units	40.000 1	MI unit		2.96	118.40	71.04	47.36
86954	ZI FUEL SURCHG-CARS/PICKUPS<1 FUEL SURCHG-CARS/PICKUPS<1 1/2TON/PER/MI Number of Units	40.000 1	MI unit		0.08	3.20		3.20
16091	ZI - PUMPING CHARGE 001-016 DEPTH FEET/METRES (FT/M)	1.000 2,800	EA FT		2,470.00	2,470.00	1,482.00	988.00
132	PORTABLE DAS,/DAY/JOB,ZI 045-050 NUMBER OF DAYS	1.000 1	JOB Days		916.00	916.00	549.60	366.40

OK  
MKT  
4/17/03

# HALLIBURTON

Halliburton Energy Services, Inc.

Continuation

ORIGINAL

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

Invoice Date: March 31, 2003

Invoice Number: 91863266

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
142	AXIAL FLOW MIXER,W/O ADC,/JOB, 046-070 NUMBER OF JOBS	1.000 1	EA Job		633.00	633.00	379.80-	253.20
74038	ZI PLUG CONTAINER RENTAL-1ST D DAYS OR FRACTION (MIN1)	1.000 1	EA Days	733.00		733.00	439.80-	293.20
*100003142	PLUG,CMTG, TOP AL,5 1/2 13-23# 402.1505 / PLUG - CMTG - TOP ALUM - 5-1/2 13-23# / & 5-3/4 19.5-22.5#	1.000	EA		126.50	126.50	75.90-	50.60
100001585	CHEM-KCL POTASSIUM CHLORIDE - 70.15302 / CHEMICAL - KCL POTASSIUM CHLORIDE - / 50 LB SACK OR BAG	250.000	LB		0.62	155.00	93.00-	62.00
*100004723	SHOE - GUIDE - 5-1/2 8RD 12A825.205 / SHOE - GUIDE - 5- 1/2 8RD	1.000	EA		214.70	214.70	98.76-	115.94
*100076173	FLOAT-IFV,5 1/2,8RD,LG,8RD & B VALVE ASSEMBLY, INSERT FLOAT, 5-1/2 / 14-23 LBS/FT, 8RD, LG 8RD AND BUTTRESS	1.000	EA		264.60	264.60	121.72-	142.88
*100013930	FILUP ASSY,1.250 ID,4 1/2,5 IN 27815.19113 / FILLUP ASSY - 1.250 ID - 4-1/2 - / 5 IN. INSERT FLOAT VALVE	1.000	EA		64.00	64.00	29.44-	34.56
*100004476	CTRZR ASSY,5 1/2 CSG X 7 7/8 H 806.60022 / CENTRALIZER ASSY - API - 5-1/2 CSG X / 7-7/8 HOLE - HINGED - W/WELDED / IMPERIAL BOWS	12.000	EA		76.23	914.76	420.79-	493.97
*100004639	COLLAR-STOP-5 1/2"-W/DOGS XXXXXXX 806.72730 / CLAMP - LIMIT - 5-1/2 - FRICTION - / W/DOGS	1.000	EA		40.70	40.70	18.72-	21.98
*100005045	KIT,HALL WELD-A KIT, HALLIBURTON WELD-A	1.000	EA		36.86	36.86	16.96-	19.90

# HALLIBURTON

Halliburton Energy Services, Inc.

ORIGINAL

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

Invoice Date: March 31, 2003

Invoice Number: 91863266

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
3	ZI-DERRICK CHARGE 000-121	1.000	EA		549.00	549.00	329.40-	219.60
*66994	SBM Modified Hall Light Cmt Pr 504-112	330.000	SK		22.13	7,302.90	4,381.74-	2,921.16
*100012205	Cement- Class C / Premium Plus 504-050516.00265 / CEMENT - CLASS C - PREMIUM - BULK	180.000	SK		22.10	3,978.00	2,386.80-	1,591.20
*100005053	Chemical - Calcium Chloride Hi 509-406890.50812 / CALCIUM CHLORIDE - HI TEST PELLETT - / 94- 97% CACL 2 - 80# BAG	12.000	SK		119.47	1,433.64	860.18-	573.46
*100005049	Chemical - Flocele (25 lb sk) XXXXXXX 890.50071 / FLOCELE - 3/8 - 25 LB SACK	128.000	LB		2.72	348.16	208.90-	139.26
*100003700	Chem- Gilsonite (Bulk) 508-292 516.00337 / CHEMICAL - GILSONITE - BULK	4,200.000	LB		0.79	3,318.00	1,990.80-	1,327.20
*100001617	Chemical - Halad-9 (50 lb) 70.15556 / CHEMICAL - HALAD-9 - 50# SACK	85.000	LB		14.25	1,211.25	726.75-	484.50
*101007446	CHEM,D-AIR 3000 Chemical - D-Air 3000	43.000	LB		5.60	240.80	144.48-	96.32
3965	HANDLE&DUMP SVC CHR, CMT&ADDI 500-207 NUMBER OF EACH	661.000	CF		2.82	1,864.02	1,118.41-	745.61
76400	ZI MILEAGE,CMT MTLN DEL/RET MI 500-306 / MILEAGE,CMTG MTLN DEL/RET PER/TON MI,MIN NUMBER OF TONS	547.400	MI		1.72	941.53	564.92-	376.61
87605	ZI FUEL SURCHG-CMT & CMT ADDIT FUEL SURCHG-CMT & CMT ADDITIVES/PER TNM NUMBER OF TONS	547.400	TNM		0.08	43.79		43.79

# HALLIBURTON

Halliburton Energy Services, Inc.

Continuation

ORIGINAL

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

**Invoice Date: March 31, 2003**

**Invoice Number: 91863266**

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
	<b>Total</b>					28,132.61	16,630.63	11,501.98
	Sales Tax - State							424.69
	Sales Tax - County							8.80
	Sales Tax - City/Loc							80.13
	<b>INVOICE TOTAL</b>							<b>12,015.60</b> US Dollars

**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.

Halliburton Energy Services, Inc.

**Sales Order Number: 2364833** **Sales Order Date: March 28, 2003**

<b>SOLD TO:</b> PIONEER NATURAL RES U S A INC A/P DEPT 5205 N O'CONNOR BLVD ST 1400 IRVING TX 75039-3746 USA	<b>Ticket Type:</b> Services <b>Well/Rig Name:</b> PION NAT RES WRIGHT 4-11R, HASKELL <b>Company Code:</b> 1100 <b>Customer P.O. No.:</b> NA <b>Shipping Point:</b> Liberal, KS, USA <b>Sales Office:</b> Mid-Continent BD <b>Well Type:</b> Gas <b>Well Category:</b> Development <b>Service Location:</b> 0037 <b>Payment Terms:</b> net due 45 days <b>Rig Name:</b>
<b>SHIP TO:</b> PION NAT RES WRIGHT 4-11R, HASKELL WRIGHT * SATANTA KS 67870 USA	<i>Rm</i>

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
7523	PSL - CMT PRODUCTION CASING - BOM JP035	1.00	JOB					
1	"ZI-MILEAGE FROM NEAREST HES BASE,/UNIT" 000-117 Number of Units	40.000	MI		5.03	201.20	120.72-	80.48
86955	ZI FUEL SURCHG-HEAVY TRKS > 1 1/2 TON FUEL SURCHG-HEAVY TRKS >1 1/2 TON/PER MI Number of Units	40.000	MI		0.24	9.60		9.60
2	MILEAGE FOR CEMENTING CREW,ZI 000-119 Number of Units	40.000	MI		2.96	118.40	71.04-	47.36
86954	ZI FUEL SURCHG-CARS/PICKUPS < 1 1/2TON FUEL SURCHG-CARS/PICKUPS < 1 1/2TON/PER/MI Number of Units	40.000	MI		0.08	3.20		3.20
16091	ZI - PUMPING CHARGE 001-016 DEPTH	1.000	EA		2,470.00	2,470.00	1,482.00-	988.00
		2,800						

Sales Order Number: 2364833

Sales Order Date: March 28, 2003

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
	FEET/METRES (FT/M)	FT						
132	PORTABLE DAS,/DAY/JOB,ZI 045-050 NUMBER OF DAYS	1.000	JOB		916.00	916.00	549.60-	366.40
142	AXIAL FLOW MIXER,W/O ADC,/JOB,ZI 046-070 NUMBER OF JOBS	1.000	EA		633.00	633.00	379.80-	253.20
74038	ZI PLUG CONTAINER RENTAL-1ST DAY DAYS OR FRACTION (MIN1)	1.000	EA	733.00	733.00	733.00	439.80-	293.20
100003142	PLUG,CMTG, TOP AL,5 1/2 13-23# & 5 3/4 402.1505 / PLUG - CMTG - TOP ALUM - 5-1/2 13-23# / & 5-3/4 19.5-22.5#	1.000	EA		126.50	126.50	75.90-	50.60
100001585	CHEM-KCL POTASSIUM CHLORIDE - 50# 70.15302 / CHEMICAL - KCL POTASSIUM CHLORIDE - / 50 LB SACK OR BAG	250.000	LB		0.62	155.00	93.00-	62.00
100004723	SHOE - GUIDE - 5-1/2 8RD 12A825.205 / SHOE - GUIDE - 5-1/2 8RD	1.000	EA		214.70	214.70	98.76-	115.94
100076173	FLOAT-IFV,5 1/2,8RD,LG,8RD & BUTRS VALVE ASSEMBLY, INSERT FLOAT, 5-1/2 / 14-23 LBS/FT, 8RD, LG 8RD AND BUTTRESS	1.000	EA		264.60	264.60	121.72-	142.88
100013930	FILUP ASSY,1.250 ID,4 1/2,5 IN INSR 27815.19113 / FILLUP ASSY - 1.250 ID - 4 1/2 - / 5 IN. INSERT FLOAT VALVE	1.000	EA		64.00	64.00	29.44-	34.56
100004476	CTRZR ASSY,5 1/2 CSG X 7 7/8 HOLE,HINGED 806.60022 / CENTRALIZER ASSY - API - 5-1/2 CSG X / 7-7/8 HOLE - HINGED - W/WELDED / IMPERIAL BOWS	12.000	EA		76.23	914.76	420.79-	493.97



Sales Order Number: 2364833

Sales Order Date: March 28, 2003

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
100004639	COLLAR-STOP-5 1/2"-W/DOGS XXXXXXX 806.72730 / CLAMP - LIMIT - 5- 1/2 - FRICTION - / W/DOGS	1.000	EA		40.70	40.70	18.72-	21.98
100005045	KIT,HALL WELD-A KIT, HALLIBURTON WELD-A	1.000	EA		36.86	36.86	16.96-	19.90
66994	SBM Modified Hall Light Cmt Prem Plus 504-112	330.000	SK		22.13	7,302.90	4,381.74-	2,921.16
100012205	Cement- Class C / Premium Plus (Bulk) 504-050516.00265 / CEMENT - CLASS C - PREMIUM - BULK	180.000	SK		22.10	3,978.00	2,386.80-	1,591.20
100005053	Chemical - Calcium Chloride Hi Test PIt 509-406890.50812 / CALCIUM CHLORIDE - HI TEST PELLETT - / 94-97% CACL 2 - 80# BAG	12.000	SK		119.47	1,433.64	860.18-	573.46
100005049	Chemical - Flocele (25 lb sk) XXXXXXX 890.50071 / FLOCELE - 3/8 - 25 LB SACK	128.000	LB		2.72	348.16	208.90-	139.26
100003700	Chem- Gilsonite (Bulk) 508-292 516.00337 / CHEMICAL - GILSONITE - BULK	4,200.000	LB		0.79	3,318.00	1,990.80-	1,327.20
100001617	Chemical - Halad-9 (50 lb) 70.15556 / CHEMICAL - HALAD-9 - 50# SACK	85.000	LB		14.25	1,211.25	726.75-	484.50
101007446	CHEM,D-AIR 3000 Chemical - D-Air 3000	43.000	LB		5.60	240.80	144.48-	96.32
3965	HANDLE&DUMP SVC CHRG, CMT&ADDITIVES,ZI 500-207	661.000	CF		2.82	1,864.02	1,118.41-	745.61

Sales Order Number: 2364833 Sales Order Date: March 28, 2003

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
	NUMBER OF EACH	1	each					
76400	ZI MILEAGE,CMT MTLs DEL/RET MIN	547.400	MI		1.72	941.53	564.92-	376.61
	500-306 / MILEAGE,CMTG MTLs DEL/RET PER/TON MI.MIN							
	NUMBER OF TONS	1.00	ton					
87605	ZI FUEL SURCHG-CMT & CMT ADDITIVES	547.400	TNM		0.08	43.79		43.79
	FUEL SURCHG-CMT & CMT ADDITIVES/PER TNM							
	NUMBER OF TONS	1.00	ton					
3	ZI-DERRICK CHARGE	1.000	EA		549.00	549.00	329.40-	219.60
	000-121							
<b>SALES ORDER AMOUNT</b>						<b>28,132.61</b>	<b>16,630.63-</b>	<b>11,501.98</b>
	Sales Tax - State							424.69
	Sales Tax - County							8.80
	Sales Tax - City/Loc							80.13
<b>SALES ORDER TOTAL</b>								<b>12,015.60</b>
								US Dollars
	<b>Total Weight: 55,639.04 LB</b>							

INVOICE INSTRUCTIONS:

Operator Name: \_\_\_\_\_ Halliburton Approval: X \_\_\_\_\_  
 Customer Agent: \_\_\_\_\_ Customer Signature: X \_\_\_\_\_

Sales Order Number: 2364833

Sales Order Date: March 28, 2003

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
	NUMBER OF EACH	1	each					
76400	ZI MILEAGE,CMT MTLs DEL/RET MIN	547.400	MI		1.72	941.53	564.92-	376.61
	500-306 / MILEAGE,CMTG MTLs DEL/RET PER/TON MI.MIN							
	NUMBER OF TONS	1.00	ton					
87605	ZI FUEL SURCHG-CMT & CMT ADDITIVES	547.400	TNM		0.08	43.79		43.79
	FUEL SURCHG-CMT & CMT ADDITIVES/PER TNM							
	NUMBER OF TONS	1.00	ton					
<b>SALES ORDER AMOUNT</b>						<b>27,583.61</b>	<b>16,301.23-</b>	<b>11,282.38</b>
Sales Tax - State								424.69
Sales Tax - County								8.80
Sales Tax - City/Loc								80.13
<b>SALES ORDER TOTAL</b>								<b>11,796.00</b>
Total Weight: 55,639.04 LB								US Dollars
<i>Derrick Chang</i>								
<i>1 Job</i>						<i>549.00</i>	<i>0</i>	<i>549.00</i>
								<i>12345.00</i>

INVOICE INSTRUCTIONS:

Operator Name:  
Customer Agent:

Halliburton Approval: X  
Customer Signature: X

*John Lewis*

# HALLIBURTON JOB SUMMARY

SALES ORDER NUMBER: **2364833** TICKET DATE: **03/31/03**

BDA / STATE: **MC/Ks** COUNTY: **GRANT**

PSL DEPARTMENT: **Cement**

CUSTOMER REP / PHONE: **STEVE HADDOCK 1-620-353-4220**

API/LWI #

SAP BOMB NUMBER: **7523** Cement Production Casing

HES FACILITY (CLOSEST TO WELL SITE): **Liberal Ks**

REGION: **Central Operations** NWA / COUNTRY: **Mid Continent/USA**

MBU ID / EMPL #: **MCL10101 106322** H.E.S. EMPLOYEE NAME: **Danny McLane**

LOCATION: **LIBERAL** COMPANY: **PIONEER NATURAL RESOURCES**

TICKET AMOUNT: **\$12,345.00** WELL TYPE: **02 Gas**

WELL LOCATION: **Satanta, Ks** DEPARTMENT: **Cement**

LEASE NAME: **WRIGHT** Well No.: **4-11** SEC / TWP / RNG: **11 - 29S - 34W**

**ORIGINAL**

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Mclane, D 106322	7.0			
King, K 105942	7.0			
Kelley, C 259395	5.5			
Inglard, J 106141	5.5			

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
420995	40			
10251401	40			
10243558 10011277	20			
54225 10011272	20			

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
	3/30/2003	3/30/2003	3/30/2003	3/31/2003
Time	1700	1900	2330	0200

**Tools and Accessories**

Type and Size	Qty	Make
Insert 5 1/2	1	H
Float Shoe		
Centralizers 5 1/2	12	O
Top Plug 5 1/2	1	
HEAD 5 1/2	1	W
Limit clamp 5 1/2	1	
Weld-A	1	C
Guide Shoe 5 1/2	1	
BTM PLUG		O

**Well Data**

Casing	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	New	15.5	5 1/2		0	2922.64	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			7 7/8"				
Perforations							Shots/Ft.
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
3/30	5.0
3/31	2.0
<b>Total</b>	<b>7.0</b>

**Operating Hours**

Date	Hours
3/30	0.5
3/31	1.5
<b>Total</b>	<b>2.0</b>

**Description of Job**

Cement Production Casing

**Hydraulic Horsepower**

Ordered \_\_\_\_\_ Avail. \_\_\_\_\_ Used \_\_\_\_\_

**Average Rates in BPM**

Treating \_\_\_\_\_ Disp. \_\_\_\_\_ Overall \_\_\_\_\_

**Cement Left in Pipe**

Feet **21.80** Reason \_\_\_\_\_ **SHOE JOINT**

**Cement Data**

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	25	MHLC C	Bulk	8% TOTAL GEL - 10# GILSONITE - 2% CC - 1/4# FLOCELE	34.91	5.36	10.00
2	305	MHLC C	Bulk	8% TOTAL GEL - 10# GILSONITE - 2% CC - 1/4# FLOCELE	10.48	2.10	12.60
3	180	PREM PLUS C	Bulk	5# GILSONITE - 2% CC - .5% HALAD-9 - 1/4# FLOCELE - .25% D-A	6.30	1.42	14.50
4							

**Summary**

Circulating Breakdown	Displacement	Preflush: BBI	5.00	Type: fresh water
Lost Returns	MAXIMUM	Load & Bkdn: Gal - BBI		Pad: Bbl - Gal
Cmt Rtrn #Bbl	Actual TOC	Excess /Return BBI		Calc. Disp Bbl 69
Average	Frac. Gradient	Calc. TOC		Actual Disp. 69
Shut In: Instant	5 Min. 15 Min.	Treatment: Gal - BBI		Disp: Bbl
		Cement Slurry BBI	183.5	
		Total Volume BBI	257.50	

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

**THE INFORMATION STATED HEREIN IS CORRECT**

CUSTOMER REPRESENTATIVE \_\_\_\_\_ *Jim Lewis* SIGNATURE



Halliburton Energy Services, Inc.  
Houston, Texas 77056

Order Number 2364833

70012 SAP

TO: HALLIBURTON ENERGY SERVICES, INC. - YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICE PERSONNEL TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO CUSTOMER LISTED BELOW AND DELIVER AND SELL PRODUCTS, SUPPLIES AND MATERIALS FOR THE PURPOSE OF SERVICING:

Well No. 4-11	Farm or Lease WRIGHT	County GRANT	State Ks	Well Permit Number
Customer PIONEER NATURAL RESOURCES		Well Owner PIONEER NATURAL RESOURCES		Job Purpose Cement Production Casing

**THIS WORK ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED**

A. CUSTOMER REPRESENTATION - Customer warrants that the well is in proper condition to receive the services, equipment, products, and materials to be supplied by Halliburton Energy Services, Inc. (hereinafter "Halliburton").

B. PRICE AND PAYMENT - The services, equipment, products, and/or materials to be supplied hereunder are priced in accordance with Halliburton's current price list. All prices are exclusive of taxes. If Customer does not have an approved open account with Halliburton, all sums due 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 the date of invoice. Customer agrees to pay interest on any 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 account. Customer agrees to pay attorney fees of 20% of the unpaid account, or Halliburton's actual attorneys fees, whichever is greater, plus all collection and court costs. Customer agrees that the amount of attorney fees set out herein are reasonable and necessary.

C. RELEASE AND INDEMNITY - Customer agrees to RELEASE Halliburton Group from any and all liability for any and all damages whatsoever to property of any kind owned by, in the possession of, or leased by Customer and those persons and entities Customer has the ability to bind by contract or which are co-interest owners or joint ventures with Customer. Customer also agrees to DEFEND, INDEMNIFY, AND HOLD Halliburton Group HARMLESS from and against any and all liability, claims, costs, expenses, attorney fees and damages whatsoever for personal injury, illness, death, property damage and loss resulting from:

loss of well control; services to control a wild well whether underground or above the surface; reservoir or underground damage, including loss of oil, gas, other mineral substances or water; surface damage arising from underground damage; damage to or loss of the well bore; subsurface trespass or any action in the nature thereof; fire; explosion; subsurface pressure; radioactivity; and pollution and contamination and its cleanup and control.

CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS obligations will apply even if the liability and claims are caused by the sole, concurrent, active or passive negligence, fault, or strict liability of one or more members of the Halliburton Group, the unseaworthiness of any vessel or any defect in the data, products, supplies, materials or equipment furnished by any member or members of the Halliburton Group whether in the design, manufacture, maintenance or marketing thereof or from a failure to warn of such defect. "Halliburton Group" is defined as Halliburton Energy Services, Inc., its parent, subsidiary, and affiliated companies, insurers and subcontractors and all its/their officers, directors, employees, consultants and agents. Customer's RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS obligations apply whether the personal injury, illness, death, property damage or loss is suffered by one or more members of the Halliburton Group, Customer, or any other person or entity. Customer agrees to support such obligations assumed herein with liability insurance with limits of not less than \$500,000. Customer agrees to name Halliburton Group as named additional insureds on all of its general liability policy(s). Customer agrees that its liability under this Contract is not limited by the amounts of its insurance coverage, except where and as may be required by applicable local law for the provisions of this Contract to be enforceable.

D. EQUIPMENT LIABILITY - Customer shall at its risk and expense attempt to recover any Halliburton Group equipment lost or lodged in the well. If the equipment is recovered and repairable, Customer shall pay the repair costs, unless caused by Halliburton's sole negligence. If the equipment is not recovered or is irreparable, Customer shall pay the replacement cost, unless caused by Halliburton's sole negligence. If a radioactive source becomes lost or lodged in the well, Customer shall meet all requirements of Section 39.15(a) of the Nuclear Regulatory Commission regulations and any other applicable laws or regulations concerning retrieval or abandonment and shall permit Halliburton to monitor the recovery or abandonment efforts all at no risk or liability to Halliburton Group. Customer shall be responsible for damage to or loss of Halliburton group equipment, products, and materials while in transit aboard Customer-supplied transportation, even if such is arranged by Halliburton at Customer's request, and during loading and unloading from such transport. Customer will also pay for the repair or replacement of Halliburton group equipment damaged by corrosion or abrasion due to well effluents.

E. LIMITED WARRANTY - Halliburton warrants only title to the equipment, products, and materials supplied under this Contract and that same are free from defects in workmanship and materials for thirty (30) days from the date of delivery. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's sole liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale, lease or use of any equipment, products, or materials is expressly limited to the replacement of such on their return to Halliburton or, at Halliburton's option, to the allowance to Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, consequential, or punitive damages. Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, HALLIBURTON IS UNABLE TO GUARANTEE THE EFFECTIVENESS OF THE EQUIPMENT, MATERIALS, OR SERVICE, NOR THE ACCURACY OF ANY CHART INTERPRETATION, RESEARCH ANALYSIS, JOB RECOMMENDATION OR OTHER DATA FURNISHED BY HALLIBURTON GROUP. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton Group shall not be liable for and CUSTOMER SHALL INDEMNIFY HALLIBURTON GROUP AGAINST ANY DAMAGES ARISING FROM THE USE OF SUCH INFORMATION. even if such is contributed to or caused by the active or passive negligence, fault or strict liability of any member or members of Halliburton Group. Halliburton also does not warrant the accuracy of data transmitted by electronic process, and Halliburton will not be responsible for accidental or intentional interception of such data by third parties.

F. GOVERNING LAW - The validity, interpretation and construction of this Contract shall be determined by the laws of the jurisdiction where the services are performed or the equipment or materials are delivered.

G. DISPUTE RESOLUTION Customer and Halliburton agree that any dispute that may arise out of the performance of this Contract shall be resolved by binding arbitration by a panel of three arbitrators under the rules of the American Arbitration Association. The arbitration will take place in Houston, TX.

H. SEVERABILITY - If any provision or part thereof of this Contract shall be held to be invalid, void, or of no effect for any reason, such holding shall not be deemed to affect the validity of the remaining provisions of this Contract which can be given effect, without the invalid provision or part thereof, and to this end, the provisions of this Contract are declared to be severable. Customer and Halliburton agree that any provision of this Contract that is unenforceable or void under applicable law will be modified to achieve the intent of the parties hereunder to the greatest extent allowed by applicable law.

I. MODIFICATIONS - Customer agrees that Halliburton shall not be bound by any modifications to this Contract, except where such modification is made in writing by a duly authorized executive officer of Halliburton. Requests for modifications should be directed to the Vice President - Legal, 4100 Clinton Drive, Houston, TX, 77020.

**I HAVE READ AND UNDERSTAND THIS WORK ORDER CONTRACT WHICH CONTAINS RELEASE AND INDEMNITY LANGUAGE WHICH CUSTOMER ACKNOWLEDGES IS CONSPICUOUS AND AFFORDS FAIR AND ADEQUATE NOTICE AND I REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.**

SIGNED: Jim Lewis  
CUSTOMER Authorized Signatory

DATE: 03/30/03 TIME: \_\_\_\_\_

**Customer Acceptance of Materials and Services**

THE CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE MATERIALS AND SERVICES DESCRIBED ON THE ATTACHED

ORDER NUMBER 2364833

\_\_\_\_\_  
CUSTOMER Authorized Signatory

# INVOICE

ORIGINAL

## HALLIBURTON

Halliburton Energy Services, Inc.

RECEIVED

OCT 06 2003

KCC WICHITA

Wire Transfer Information

Account Number:

ABA Routing Number:

M. Jimman  
D. Bencher

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

Invoice Date: March 27, 2003

Invoice Number: 91855286

DIRECT CORRESPONDENCE TO:

P.O. Box 1598  
Liberal, KS 67905-1598  
US  
Tel: (620)624-3879  
Fax: (620)624-9745

PIONEER NATURAL RESOURCES

RECEIVED

APR 08 2003

Well Name: PION NAT RES WRIGHT 4-11R, HASKELL  
Ship to: SATANTA, KS 67870  
USA, INC. HASKELL

Job Date: March 27, 2003  
Cust. PO No.: AFE 003634  
Payment Terms: net due 45 days  
Quote No.: 21026774  
Sales Order No.: 2358797

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

TO:

PIONEER NATURAL RES U S A INC

ATTN: ACCOUNTS PAYABLE  
5205 N O'CONNOR BLVD  
IRVING TX 75039-3746

MIDCONTINENT OPERATIONS

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		5.03	201.20	128.77-	72.43
		1	unit					
86955	ZI FUEL SURCHG-HEAVY TRKS >1 1 FUEL SURCHG-HEAVY TRKS">1 1/2 TON/PER MI Number of Units	40.000	MI		0.24	9.60		9.60
		1	unit					
2	MILEAGE FOR CEMENTING CREW,ZI 000-119 Number of Units	40.000	MI		2.96	118.40	75.78-	42.62
		1	unit					
86954	ZI FUEL SURCHG-CARS/PICKUPS<1 FUEL SURCHG-CARS/PICKUPS<1 1/2TON/PER/MI Number of Units	40.000	MI		0.08	3.20		3.20
		1	unit					
16091	ZI - PUMPING CHARGE 001-016 DEPTH FEET/METRES (FT/M)	1.000	EA		2,238.00	2,238.00	1,432.32-	805.68
		700						
		FT						
132	PORTABLE DAS,/DAY/JOB,ZI 045-050 NUMBER OF DAYS	1.000	JOB		916.00	916.00	586.24-	329.76
		1	Days					

OK  
MICT  
4/7/03

# INVOICE

## HALLIBURTON

Halliburton Energy Services, Inc.

Continuation

# ORIGINAL

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

**Invoice Date: March 27, 2003**

**Invoice Number: 91855286**

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
142	AXIAL FLOW MIXER, W/O ADC, /JOB, 046-070 NUMBER OF JOBS	1.000 1	EA Job		633.00	633.00	405.12-	227.88
74038	ZI PLUG CONTAINER RENTAL-1ST D DAYS OR FRACTION (MIN1)	1.000 1	EA Days	733.00		733.00	469.12-	263.88
*100003163	PLUG-CMTG-TOP PLASTIC-8-5/8 402.15781 / PLUG - CMTG - TOP PLASTIC - 8-5/8 / 24-49#	1.000	EA		215.60	215.60	137.98-	77.62
*100004727	SHOE - GUIDE - 8-5/8 8RD 12A825.217 / SHOE - GUIDE - 8-5/8 8RD	1.000	EA		337.87	337.87	168.94-	168.93
*100004702	VALVE ASSY-INSERT FLOAT-8-5/8 24A- 815.19502 / VALVE ASSY - INSERT FLOAT - 8-5/8 8RD / CSG 24#	1.000	EA		373.92	373.92	186.96-	186.96
*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		82.78	82.78	41.39-	41.39
*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		96.80	387.20	193.60-	193.60
*100004616	BASKET-CMT-8-5/8 CSG-SLIP-ON-S 806.71460 / BASKET - CEMENT - 8-5/8 CSG - SLIP-ON / - STEEL BOWS - CANVAS	1.000	EA		328.90	328.90	164.45-	164.45
*100004642	CLP,LIM,8 5/8,FRICT,WTH DOGS XXXXXXXX 806.72750 / CLAMP - LIMIT - 8-5/8 - FRICTION - / W/DOGS	1.000	EA		47.30	47.30	23.65-	23.65
*100005045	HALLIBURTON WELD-A KIT HALLIBURTON WELD-A KIT	1.000	EA		36.86	36.86	18.43-	18.43
*14241	SBM Halliburton Light Premium 504-120	210.000	SK		18.16	3,813.60	2,440.70-	1,372.90



# INVOICE

Continuation

## HALLIBURTON

Halliburton Energy Services, Inc.

ORIGINAL

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

**Invoice Date: March 27, 2003**

**Invoice Number: 91855286**

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
*100005049	Chemical - Flocele (25 lb sk) XXXXXXXX 890.50071 / FLOCELE - 3/8 - 25 LB SACK	93.000	LB		2.72	252.96	161.89	91.07
*100005053	Chemical - Calcium Chloride Hi 509-406890.50812 / CALCIUM CHLORIDE - HI TEST PELLET - / 94- 97% CACL 2 - 80# BAG	8.000	SK		119.47	955.76	611.69	344.07
*100012205	Cement- Class C / Premium Plus 504-050516.00265 / CEMENT - CLASS C - PREMIUM - BULK	160.000	SK		22.10	3,536.00	2,263.04	1,272.96
3965	HANDLE&DUMP SVC CHRG, CMT&ADDI 500-207 NUMBER OF EACH	403.000	CF		2.82	1,136.46	727.33	409.13
		1	each					
76400	ZI MILEAGE,CMT MTLs DEL/RET MI 500-306 / MILEAGE,CMTG MTLs DEL/RET PER/TON MI.MIN NUMBER OF TONS	351.600	MI		1.72	604.75	387.04	217.71
		1.00	ton					
87605	ZI FUEL SURCHG-CMT & CMT ADDIT FUEL SURCHG-CMT & CMT ADDITIVES/PER TNM NUMBER OF TONS	351.600	TNM		0.08	28.13		28.13
		1.00	ton					
<b>Total</b>						<b>16,990.49</b>	<b>10,624.44</b>	<b>6,366.05</b>
Sales Tax - State								209.67
Sales Tax - County								8.75
Sales Tax - City/Loc								39.56
<b>INVOICE TOTAL</b>								<b>6,624.03</b>
								US Dollars

**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.

# HALLIBURTON

## SALES ORDER

ORIGINAL

Halliburton Energy Services, Inc.

**Sales Order Number: 2358797**

**Sales Order Date: March 25, 2003**

**SOLD TO:**

PIONEER NATURAL RES U S A INC  
A/P DEPT  
5205 N O'CONNOR BLVD ST 1400  
IRVING TX 75039-3746  
USA

**Ticket Type:**

Services

**Well/Rig Name:**

PION NAT RES WRIGHT 4-11R, HASKELL

**Company Code:**

1100

**Customer P.O. No.:**

AFE 003634

**Shipping Point:**

Liberal, KS, USA

**Sales Office:**

Mid-Continent BD

**Well Type:**

Gas

**Well Category:**

Development

**Service Location:**

0037

**Payment Terms:**

net due 45 days

**Rig Name:**

*RM*

**SHIP TO:**

PION NAT RES WRIGHT 4-11R, HASKELL  
WRIGHT  
\*  
SATANTA KS 67870  
USA

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 BASE,/UNIT" 000-117 Number of Units	40.000	MI		5.03	201.20	128.77-	72.43
86955	ZI FUEL SURCHG-HEAVY TRKS >1 1/2 TON FUEL SURCHG-HEAVY TRKS >1 1/2 TON/PER MI Number of Units	40.000	MI		0.24	9.60		9.60
2	MILEAGE FOR CEMENTING CREW,ZI  000-119 Number of Units	40.000	MI		2.96	118.40	75.78-	42.62
86954	ZI FUEL SURCHG-CARS/PICKUPS <1 1/2TON FUEL SURCHG-CARS/PICKUPS<1 1/2TON/PER/MI Number of Units	40.000	MI		0.08	3.20		3.20
16091	ZI - PUMPING CHARGE  001-016 DEPTH	1.000	EA		2,238.00	2,238.00	1,432.32-	805.68
		700						

Sales Order Number: 2358797

Sales Order Date: March 25, 2003

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
	FEET/METRES (FT/M)	FT						
132	PORTABLE DAS,/DAY/JOB,ZI 045-050 NUMBER OF DAYS	1.000	JOB		916.00	916.00	586.24-	329.76
142	AXIAL FLOW MIXER,W/O ADC,/JOB,ZI 046-070 NUMBER OF JOBS	1.000	EA		633.00	633.00	405.12-	227.88
74038	ZI PLUG CONTAINER RENTAL-1ST DAY DAYS OR FRACTION (MIN1)	1.000	EA	733.00	733.00	733.00	469.12-	263.88
100003163	PLUG-CMTG-TOP PLASTIC-8-5/8 402.15781 / PLUG - CMTG - TOP PLASTIC - 8- 5/8 / 24-49#	1.000	EA		215.60	215.60	137.98-	77.62
14241	SBM Halliburton Light Premium Plus 504-120	210.000	SK		18.16	3,813.60	2,440.70-	1,372.90
100005049	Chemical - Flocele (25 lb sk) XXXXXXXX 890.50071 / FLOCELE - 3/8 - 25 LB SACK	93.000	LB		2.72	252.96	161.89-	91.07
100005053	Chemical - Calcium Chloride Hi Test Plt 509-406890.50812 / CALCIUM CHLORIDE - HI TEST PELLETT - / 94-97% CACL 2 - 80# BAG	8.000	SK		119.47	955.76	611.69-	344.07
100012205	Cement- Class C / Premium Plus (Bulk) 504-050516.00265 / CEMENT - CLASS C - PREMIUM - BULK	160.000	SK		22.10	3,536.00	2,263.04-	1,272.96
3965	HANDLE&DUMP SVC CHRГ, CMT&ADDITIVES,ZI 500-207 NUMBER OF EACH	403.000	CF		2.82	1,136.46	727.33-	409.13
		1	each					

Sales Order Number: 2358797

Sales Order Date: March 25, 2003

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
76400	ZI MILEAGE,CMT MTLs DEL/RET MIN  500-306 / MILEAGE,CMTG MTLs DEL/RET PER/TON MI.MIN NUMBER OF TONS	351.600  1.00	MI  ton		1.72	604.75	387.04-	217.71
100004727	SHOE - GUIDE - 8-5/8 8RD  12A825.217 / SHOE - GUIDE - 8-5/8 8RD	1.000	EA		337.87	337.87	168.94-	168.93
100004702	VALVE ASSY-INSERT FLOAT-8-5/8  24A- 815.19502 / VALVE ASSY - INSERT FLOAT - 8-5/8 8RD / CSG 24#	1.000	EA		373.92	373.92	186.96-	186.96
100013933	FILLUP ASSY - 1.500 ID - 7 IN. - 8-5/8  815.19405 / FILLUP ASSY - 1.500 ID - 7 IN. - 8-5/8 / INSERT FLOAT VALVE	1.000	EA		82.78	82.78	41.39-	41.39
100004521	CENTRALIZER ASSY - 8-5/8 CSG X 12-1/4  40806.61048 / CENTRALIZER ASSY - 8-5/8 CSG X 12-1/4 / HOLE - HINGED - W/WELDED STANDARD / BOWS	4.000	EA		96.80	387.20	193.60-	193.60
100004616	BASKET-CMT-8-5/8 CSG-SLIP-ON-S  806.71460 / BASKET - CEMENT - 8-5/8 CSG - SLIP-ON / - STEEL BOWS - CANVAS	1.000	EA		328.90	328.90	164.45-	164.45
100004642	CLP,LIM,8 5/8,FRICT,WTH DOGS  XXXXXXX 806.72750 / CLAMP - LIMIT - 8- 5/8 - FRICTION - / W/DOGS	1.000	EA		47.30	47.30	23.65-	23.65
100005045	HALLIBURTON WELD-A KIT  HALLIBURTON WELD-A KIT	1.000	EA		36.86	36.86	18.43-	18.43
87605	ZI FUEL SURCHG-CMT & CMT ADDITIVES  FUEL SURCHG-CMT & CMT ADDITIVES/PER TNM NUMBER OF TONS	351.600  1.00	TNM  ton		0.08	28.13		28.13

Sales Order Number: 2358797

Sales Order Date: March 25, 2003

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
	<b>SALES ORDER AMOUNT</b>					16,990.49	10,624.44	6,366.05
	Sales Tax - State							209.67
	Sales Tax - County							8.75
	Sales Tax - City/Loc							39.56
	<b>SALES ORDER TOTAL</b>							<b>6,624.03</b>
								US Dollars
	Total Weight: 35,690.18 LB							

INVOICE INSTRUCTIONS:

Operator Name:  
Customer Agent:

Halliburton Approval: X \_\_\_\_\_  
Customer Signature: X \_\_\_\_\_

ORIGINAL

Sales Order Number: 2358797

Sales Order Date: March 25, 2003

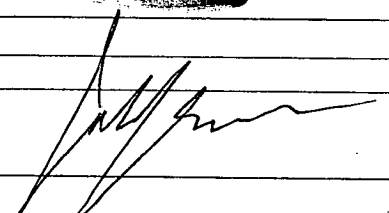
Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
	SALES ORDER AMOUNT					16,990.49	10,624.44	6,366.05
	Sales Tax - State							209.67
	Sales Tax - County							9.66
	Sales Tax - City/Loc							39.56
	SALES ORDER TOTAL							6,624.94 US Dollars
	Total Weight: 35,690.18 LB							

Wright 4-1R  
 # APE 003634  
 # 6624.94 BCP  
 3-27-03 *[Signature]*

INVOICE INSTRUCTIONS:

Operator Name:  
 Customer Agent:

Halliburton Approval: X \_\_\_\_\_  
 Customer Signature: X \_\_\_\_\_



# HALLIBURTON JOB SUMMARY

SALES ORDER NUMBER <b>2358797</b>	TICKET DATE <b>03/26/03</b>
BDA / STATE <b>MC/Ks</b>	COUNTY <b>GRANT</b>
<b>ORIGINAL</b>	
PSL DEPARTMENT <b>Cement</b>	CUSTOMER REP / PHONE <b>DAVID HIGGINS 1-620-356-3026</b>
API/WVI #	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 / EMTL # <b>MCLI 0110 / 217398</b>	H.E.S. EMPLOYEE NAME <b>MICKEY COCHRAN</b>
LOCATION <b>LIBERAL</b>	COMPANY <b>PIONEER NATURAL RESOURCES</b>
TICKET AMOUNT <b>\$6,624.94</b>	WELL TYPE <b>02 GAS</b>
WELL LOCATION <b>SANTANA, KS</b>	DEPARTMENT <b>ZI</b>
LEASE NAME <b>WRIGHT</b>	Well No. SEC / TWP / RNG <b>4-11 11 - 29S - 34W</b>

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
<b>Clemens, A 198516</b>	6.0			
<b>Cochran, M 217398</b>	6.0			
<b>Ferguson, R 106154</b>	6.0			

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
<b>421269</b>	40			
<b>10251403</b>	40			
<b>10240236 / 10240245</b>	20			

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>3/26/2003</b>	<b>3/26/2003</b>	<b>3/27/2003</b>	<b>3/27/2003</b>
Time	<b>1630</b>	<b>1900</b>	<b>0100</b>	<b>0230</b>

Type and Size	Qty	Make
Float Collar <b>INSERT</b>	<b>1</b>	<b>HES</b>
Float Shoe		
Centralizers	<b>4</b>	
Top Plug	<b>1</b>	
HEAD	<b>1</b>	
Limit clamp	<b>1</b>	
Weld-A	<b>1</b>	
Guide Shoe	<b>1</b>	
BTM PLUG		

Well Data		From	To	Max. Allow
New/Used	Weight	Size	Grade	
Casing <b>NEW</b>	<b>24#</b>	<b>8 5/8</b>	<b>0</b>	<b>771</b>
Liner				
Liner				
Tubing				
Drill Pipe				
Open Hole		<b>12 1/4</b>		Shots/Ft.
Perforations				
Perforations				
Perforations				

Materials		Lb/Gal	Lb/Gal
Mud Type	Density		
Disp. Fluid	Density		
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	
<b>3/26</b>	<b>6.0</b>	<b>Cement Surface Casing</b>
<b>Total</b>	<b>6.0</b>	<b>1.5</b>

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

Cement Data					W/Rq.	Yield	Lbs/Gal
Stage	Sacks	Cement	Bulk/Sks	Additives			
<b>1</b>	<b>210</b>	<b>HLC PP C</b>		<b>2% CC - 1/4# FLOCELE</b>	<b>11.22</b>	<b>2.04</b>	<b>12.30</b>
<b>2</b>	<b>160</b>	<b>PREM PLUS C</b>		<b>2% CC - 1/4# FLOCELE</b>	<b>6.36</b>	<b>1.35</b>	<b>14.80</b>
<b>3</b>							
<b>4</b>							

Summary			
Circulating Breakdown	Displacement	Refresh: BBI	<b>20.00</b> Type: <b>FRESH</b>
Lost Returns - Cmt Rtrn#Bbl	MAXIMUM	Load & Bkdn: Gal - BBI	Pad: Bbl - Gal
Average	Actual TOC	Excess /Return BBI	Calc. Disp Bbl
Shut In: Instant	Frac. Gradient	Calc. TOC:	Actual Disp. <b>46</b>
	5 Min. 15 Min.	Treatment: Gal - BBI	Disp: Bbl
		Cement Slurry BBI	
		Total Volume BBI	<b>114.0</b>
			<b>180.00</b>

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

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

SIGNATURE \_\_\_\_\_

ORIGINAL

<b>HALLIBURTON JOB LOG</b>						TICKET # <b>2358797</b>	TICKET DATE <b>03/26/03</b>
<b>Central Operations</b>			<b>Mid Continent/USA</b>			<b>MC/Ks</b>	
<b>MCI 0110 / 217398</b>			<b>MICKEY COCHRAN</b>			<b>Cement</b>	
<b>LIBERAL</b>			<b>PIONEER NATURAL RESOURCES</b>			<b>DAVID HIGGINS</b>	
<b>\$6,624.94</b>			<b>02 GAS</b>			<b>1-620-356-3026</b>	
<b>SANTANA, KS</b>			<b>ZI</b>			<b>Cement Surface Casing</b>	
<b>WRIGHT</b>		Well No. <b>4-11</b>	<b>11 - 29S - 34W</b>			<b>LIBERAL, KS</b>	
HES EMP NAME/EMP # (EXPOSURE HOURS)		HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)		HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	
<b>Clemens, A 198516</b>		6					
<b>Cochran, M 217398</b>		6					
<b>Ferguson, R 106154</b>		6					
Chart No.	Time	Rate (BPM)	Volume (BBL/GAL)	Press. (PSI)			Job Description / Remarks
				INZ	CSG	Tbg	
	1900						ARRIVE ON LOCATION
	1902						PRE JOB SAFETY MEETING
	1905						SPOT EQUIPMENT
	0000						START F.E.
	0120						CASING ON BOTTOM / CIR WITH RIG
	143				1500		PRESSURE TEST
	145	4.0	5.0				START SPACER AHEAD ... FRESH WATER
	146	7.0	76.0		25		START LEAD CMT 210 SKS @ 12.3#
	0156	6.0	38.0		150		START TAIL CMT 160 SKS @ 14.8#
	0204						END CMT
	0204						DROP PLUG
	0205	2.0	46.0				START DISP.
	0212				120		CAUGHT CMT
	0212	2.0	36.0		200		SLOW RATE
	0220		46.0		850		LAND PLUG
	0223						END JOB
							CIR. 7 BBLs TO PIT
					300		PRESSURE BEFORE PLUG LANDED
<b>THANK YOU FOR CALLING HALLIBURTON</b> <b>MICKEY &amp; CREW</b>							



Halliburton Energy Services, Inc.  
Houston, Texas 77056

70012 SAP

TO: HALLIBURTON ENERGY SERVICES, INC. - YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICE PERSONNEL TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO CUSTOMER LISTED BELOW AND DELIVER AND SELL PRODUCTS, SUPPLIES AND MATERIALS FOR THE PURPOSE OF SERVICING:

Well No. 4-11	Farm or Lease WRIGHT	County GRANT	State KS	Well Permit Number
Customer PIONEER NATURAL RESOURCE		Well Owner PIONEER NATURAL RESOURCES		Job Purpose Cement Surface Casing

**THIS WORK ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED**

A. CUSTOMER REPRESENTATION - Customer warrants that the well is in proper condition to receive the services, equipment, products, and materials to be supplied by Halliburton Energy Services, Inc. (hereinafter "Halliburton").

B. PRICE AND PAYMENT - The services, equipment, products, and/or materials to be supplied hereunder are priced in accordance with Halliburton's current price list. All prices are exclusive of taxes. If Customer does not have an approved open account with Halliburton, all sums due 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 the date of invoice. Customer agrees to pay interest on any 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 account, Customer agrees to pay attorney fees of 20% of the unpaid account, or Halliburton's actual attorneys fees, whichever is greater, plus all collection and court costs. Customer agrees that the amount of attorney fees set out herein are reasonable and necessary.

C. RELEASE AND INDEMNITY - Customer agrees to **RELEASE** Halliburton Group from any and all liability for any and all damages whatsoever to property of any kind owned by, in the possession of, or leased by Customer and those persons and entities Customer has the ability to bind by contract or which are co-interest owners or joint ventures with Customer. Customer also agrees to **DEFEND, INDEMNIFY, AND HOLD** Halliburton Group **HARMLESS** from and against any and all liability, claims, costs, expenses, attorney fees and damages whatsoever for personal injury, illness, death, property damage and loss resulting from:

loss of well control; services to control a wild well whether underground or above the surface; reservoir or underground damage, including loss of oil, gas, other mineral substances or water; surface damage arising from underground damage; damage to or loss of the well bore; subsurface trespass or any action in the nature thereof; fire; explosion; subsurface pressure; radioactivity and pollution and contamination and its cleanup and control.

**CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS** obligations will apply even if the liability and claims are caused by the sole, concurrent, active or passive negligence, fault, or strict liability of one or more members of the Halliburton Group, the unseaworthiness of any vessel or any defect in the data, products, supplies, materials or equipment furnished by any member or members of the Halliburton Group whether in the design, manufacture, maintenance or marketing thereof or from a failure to warn of such defect. "Halliburton Group" is defined as Halliburton Energy Services, Inc., its parent, subsidiary, and affiliated companies, insurers and subcontractors and all their officers, directors, employees, consultants and agents. **CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS** obligations apply whether the personal injury, illness, death, property damage or loss is suffered by one or more members of the Halliburton Group, Customer, or any other person or entity. Customer agrees to support such obligations assumed herein with liability insurance with limits of not less than \$500,000. Customer agrees to name Halliburton Group as named additional insureds on all of its general liability policy(s). Customer agrees that its liability under this Contract is not limited by the amounts of its insurance coverage, except where and as may be required by applicable local law for the provisions of this Contract to be enforceable.

D. EQUIPMENT LIABILITY - Customer shall at its risk and expense attempt to recover any Halliburton Group equipment lost or lodged in the well. If the equipment is recovered and repairable, Customer shall pay the repair costs, unless caused by Halliburton's sole negligence. If the equipment is not recovered or is irreparable, Customer shall pay the replacement cost, unless caused by Halliburton's sole negligence. If a radioactive source becomes lost or lodged in the well, Customer shall meet all requirements of Section 39.15(a) of the Nuclear Regulatory Commission regulations and any other applicable laws or regulations concerning retrieval or abandonment and shall permit Halliburton to monitor the recovery or abandonment efforts at no risk or liability to Halliburton Group. Customer shall be responsible for damage to or loss of Halliburton group equipment, products, and materials while in transit aboard Customer-supplied transportation, even if such is arranged by Halliburton at Customer's request, and during loading and unloading from such transport. Customer will also pay for the repair or replacement of Halliburton group equipment damaged by corrosion or abrasion due to well effluents.

E. LIMITED WARRANTY - Halliburton warrants only title to the equipment, products, and materials supplied under this Contract and that same are free from defects in workmanship and materials for thirty (30) days from the date of delivery. **THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE.** Halliburton's sole liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale, lease or use of any equipment, products, or materials is expressly limited to the replacement of such on their return to Halliburton or, at Halliburton's option, to the allowance to Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, consequential, or punitive damages. Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, **HALLIBURTON IS UNABLE TO GUARANTEE THE EFFECTIVENESS OF THE EQUIPMENT, MATERIALS, OR SERVICE, NOR THE ACCURACY OF ANY CHART INTERPRETATION, RESEARCH ANALYSIS, JOB RECOMMENDATION OR OTHER DATA FURNISHED BY HALLIBURTON GROUP.** Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton Group shall not be liable for and **CUSTOMER SHALL INDEMNIFY HALLIBURTON GROUP AGAINST ANY DAMAGES ARISING FROM THE USE OF SUCH INFORMATION.** even if such is contributed to or caused by the active or passive negligence, fault or strict liability of any member or members of Halliburton Group. Halliburton also does not warrant the accuracy of data transmitted by electronic process, and Halliburton will not be responsible for accidental or intentional interception of such data by third parties.

F. GOVERNING LAW - The validity, interpretation and construction of this Contract shall be determined by the laws of the jurisdiction where the services are performed or the equipment or materials are delivered.

G. DISPUTE RESOLUTION Customer and Halliburton agree that any dispute that may arise out of the performance of this Contract shall be resolved by binding arbitration by a panel of three arbitrators under the rules of the American Arbitration Association. The arbitration will take place in Houston, TX.

H. SEVERABILITY - If any provision or part thereof of this Contract shall be held to be invalid, void, or of no effect for any reason, such holding shall not be deemed to affect the validity of the remaining provisions of this Contract which can be given effect, without the invalid provision or part thereof, and to this end, the provisions of this Contract are declared to be severable. Customer and Halliburton agree that any provision of this Contract that is unenforceable or void under applicable law will be modified to achieve the intent of the parties hereunder to the greatest extent allowed by applicable law.

I. MODIFICATIONS - Customer agrees that Halliburton shall not be bound by any modifications to this Contract, except where such modification is made in writing by a duly authorized executive officer of Halliburton. Requests for modifications should be directed to the Vice President - Legal, 4100 Clinton Drive, Houston, TX, 77020.

**I HAVE READ AND UNDERSTAND THIS WORK ORDER CONTRACT WHICH CONTAINS RELEASE AND INDEMNITY LANGUAGE WHICH CUSTOMER ACKNOWLEDGES IS CONSPICUOUS AND AFFORDS FAIR AND ADEQUATE NOTICE AND I REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.**

SIGNED: \_\_\_\_\_

CUSTOMER Authorized Signatory

DATE: \_\_\_\_\_

03/26/03

TIME: \_\_\_\_\_

Customer Acceptance of Materials and Services

THE CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE MATERIALS AND SERVICES DESCRIBED ON THE ATTACHED ORDER NUMBER 2358797

CUSTOMER Authorized Signatory