

**WELL COMPLETION FORM**

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

**ORIGINAL**

Operator: License # 04824  
Name: PIONEER NATURAL RESOURCES USA, INC.  
Address ATTN: ANGIE HERNANDEZ - ROOM 1357  
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: \_\_\_\_\_

**RECEIVED**  
**OCT 09 2003**

**KCC WICHITA**

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. \_\_\_\_\_  
04/26/03 04/30/03 05/21/03  
Spud Date or Date Reached TD Completion Date or Recompletion Date

API NO. 15- 15-067-21535-0000  
County GRANT  
SE - SE - NW - NW Sec. 5 Twp. 30S S. R. 35W  E  W  
1250 FWT 3959 FSL Feet from 64E (circle one) Line of Section  
1250 FWT 4219 FEL Feet from 64E (circle one) Line of Section  
KCC GPS Footage KCR  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name BROLLIER, JERRY Well # 1-5R  
Field Name HUGOTON  
Producing Formation CHASE  
Elevation: Ground 2895.31' Kelley Bushing \_\_\_\_\_  
Total Depth 2760' Plug Back Total Depth 2576'  
Amount of Surface Pipe Set and Cemented at 599.75' 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 cont.  
Drilling Fluid Management Plan P+A KCR 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 10/1/03  
Subscribed and sworn to before me this 1st day of OCTOBER  
20 03  
Notary Public DEBORAH POLLOCK  
Notary Public State of Texas  
My commission expires 04 09 2005  
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 PIONEER NATURAL RESOURCES USA, INC.

Lease Name BROLLIER, JERRY

Well # 1-5R

Sec. 5 Twp. 30S S.R. 35W  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  
GAMMA RAY NEUTRON LOG

Log Formation (Top), Depth and Datums  Sample

Name	Top	Datum
CHASE	2375'	MD
KRIDER	2420'	MD
FT. RILEY	2580'	MD
COUNCIL GROVE	2698'	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#	599.75'	LT. PREM+	350	2%CaCl2
PRODUCTION	7-7/8"	5-1/2"	15.5#	2760'	15/85 POZMX	485	2%CaCl2

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	2375' - 2618' (184' w/ 191 Holes)	ACDZ 5000 GAL 15% HClFe. FLSH 2700	
		20# WTRFRAC. 97500 GAL WTRFRAC G20	
		FOAM, 150000# 16/30 OTTAWA SD	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-3/8"	2738'	N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.			Producing Method		
NONE - WATER PRODUCTION			<input 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

Disposition of Gas:  Vented  Sold  Used on Lease  Open Hole  Perforation  Dually Comp.  Commingled 2375' - 2572'  
 (If vented, submit ACO-18.)  Other (Specify) \_\_\_\_\_

# INVOICE

# ORIGINAL

<p><b>HALLIBURTON</b> Halliburton Energy Services, Inc.</p> <p>Remit To : P.O. Box 203143, Houston, TX 77216-3143</p>	<p style="text-align: center;"><b>Wire Transfer Information</b></p> <p style="text-align: center;"><b>Account Number:</b></p> <p style="text-align: center;"><b>ABA Routing Number:</b></p>
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<b>Invoice Date: April 30, 2003</b>	<b>Invoice Number: 91914072</b>
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<p><b>DIRECT CORRESPONDENCE TO:</b> <b>RECEIVED</b></p> <p>P.O. Box 1598 Liberal, KS 67905-1598 US Tel: (620)624-3879 Fax: (620)624-9745</p> <p style="text-align: center;"><b>OCT 09 2003</b></p> <p style="text-align: center;"><b>KCC WICHITA</b></p>	<p><b>Rig Name:</b></p> <p><b>Well Name:</b> PNR NAT RES BROLLIER 1-5R, GRANT <b>Ship to:</b> ULYSSES, KS 67880 GRANT</p> <p><b>Job Date:</b> April 30, 2003 <b>Cust. PO No.:</b> NA <b>Payment Terms:</b> net due 45 days <b>Quote No.:</b> 21027221 <b>Sales Order No.:</b> 2420797 <b>Manual Ticket No.:</b> <b>Shipping Point:</b> LIBERAL Hwy 54 W. Ship Pt. <b>Ultimate Destination Country:</b> US <b>Customer Account No.:</b> 304606</p> <p><b>Contract No.:</b> <b>Contract from:</b> <b>Contract to:</b></p>
<p><b>TO:</b></p> <p>PIONEER NATURAL RES U S A INC ATTN: ACCOUNTS PAYABLE 5205 N O'CONNOR BLVD IRVING TX 75039-3746</p>	

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	MI		5.03	201.20	120.72-	80.48
86955	ZI 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/PER/MI Number of Units	40.000	MI		0.08	3.20		3.20
16091	ZI - PUMPING CHARGE 001-016 DEPTH FEET/METRES (FT/M)	1.000	EA	2,800 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	JOB		916.00	916.00	549.60-	366.40

# INVOICE

# ORIGINAL

Continuation

## HALLIBURTON

Halliburton Energy Services, Inc.

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

**Invoice Date: April 30, 2003**

**Invoice Number: 91914072**

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	107.35-	107.35
*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	132.30-	132.30
*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	32.00-	32.00
*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	457.38-	457.38
*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	20.35-	20.35
*100005045	KIT,HALL WELD-A KIT, HALLIBURTON WELD-A	1.000	EA		36.86	36.86	18.43-	18.43

INVOICE

ORIGINAL

Continuation

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Halliburton Energy Services, Inc.

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

Invoice Date: April 30, 2003

Invoice Number: 91914072

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
*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 MTL, DEL/RET MI 500-306 / MILEAGE,CMTG MTL, S 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	27.21		27.21

INVOICE

ORIGINAL

Continuation

**HALLIBURTON**

Halliburton Energy Services, Inc.

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

Invoice Date: April 30, 2003

Invoice Number: 91914072

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
	Total					27,567.03	16,362.65	11,204.38
	Sales Tax - State							421.43
	Sales Tax - County							8.18
	Sales Tax - City/Loc							79.51
	<b>INVOICE TOTAL</b>							<b>11,713.50</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.

ORIGINAL

# HALLIBURTON

## SALES ORDER

Halliburton Energy Services, Inc.

**Sales Order Number: 2420797**

**Sales Order Date: April 29, 2003**

**SOLD TO:**  
 PIONEER NATURAL RES U S A INC  
 A/P DEPT  
 6206 N O'CONNOR BLVD ST 1400  
 IRVING TX 75039-3746  
 USA

**Ticket Type:** Services  
**Well/Rig Name:** PNR NAT RES BROLLIER 1-5R, GRANT  
**Company Code:** 1100  
**Customer P.O. No.:** NA  
**Shipping Point:** Liberal, KS, USA  
**Sales Office:** Mid-Continent BD  
**Well Type:** Gas *RM*  
**Well Category:** Development  
**Service Location:** 0037  
**Payment Terms:** net due 45 days  
**Rig Name:**

**SHIP TO:**  
 PNR NAT RES BROLLIER 1-5R, GRANT  
 BROLLIER JERRY  
 \*  
 ULYSSES KS 67880  
 USA

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
7523	FSL - CMT PRODUCTION CASING - BOM JF035	1.00	JOB					
1	"ZI-MILEAGE FROM NEAREST RES 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						

**HALLIBURTON**

ORIGINAL

Halliburton Energy Services, Inc.

Sales Order Number: 2420797

Sales Order Date: April 29, 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 Days		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 Job		633.00	633.00	379.80-	253.20
74038	ZI PLUG CONTAINER RENTAL-1ST DAY DAYS OR FRACTION (MIN1)	1.000	EA Days	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# 70.15300 / 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 BRD 12A825.203 / SHOE - GUIDE - 5-1/2 BRD	1.000	EA		214.70	214.70	107.35-	107.35
100076173	FLOAT-IFV,5 1/2,BRD,LG,BRD & BUTRS VALVE ASSEMBLY, INSERT FLOAT, 5-1/2 / 14-25 LBS/FT, BRD, LG BRD AND BUTTRESS	1.000	EA		264.60	264.60	132.30-	132.30
100013930	FILUP ASSY,1.250 ID,4 1/2,5 IN INSR 27015.19113 / FILUP ASSY - 1.250 ID - 4 1/2 - / 5 IN. INSERT FLOAT VALVE	1.000	EA		64.00	64.00	32.00-	32.00
100004476	CTRZR ASSY,5 1/2 CSG X 7 7/8 HOLE,HINGED 806.60023 / CENTRALIZER ASSY - API - 5-1/2 CSG X / 7-7/8 HOLE - HINGED - W/WELDED / IMPERIAL BOWS	12.000	EA		76.23	914.76	457.38-	457.38



ORIGINAL

# HALLIBURTON

Halliburton Energy Services, Inc.

Sales Order Number: 2420797

Sales Order Date: April 29, 2003

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
100004639	COLLAR-STOP-S 1/2"-W/DOGS XXXXXXX 80672730 / CLAMP - LIMIT - 3- 1/2 - FRICTION - / W/DOGS	1.000	EA		40.70	40.70	20.35-	20.35
100005045	KIT,HALL WELD-A KIT, HALLIBURTON WELD-A	1.000	EA		36.86	36.86	18.43-	18.43
66994	SBM Modified Hall Light Cmc 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) 504-030516,00265 / 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 Pil 509-406890,50112 / CALCIUM CHLORIDE - HI TEST PELLET - / 94-97% CACL 2 - 80/ BAG	12.000	SK		119.47	1,433.64	860.18-	573.46
100005049	Chemical - Floccle (25 lb sk) XXXXXXX 890,50071 / FLOCCLE - 3/8 - 25 LB SACK	128.000	LB		2.72	348.16	208.90-	139.26
100003700	Chem- Gilsonite (Bulk) 500-202 916,00337 / CHEMICAL - GILSONITE - BULK	4,200.000	LB		0.79	3,318.00	1,990.80-	1,327.20
100001617	Chemical - Halad-9 (50 lb) 70.13556 / 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 CHRQ, CMT&ADDITIVES,ZI 500-207	661.000	CF		2.82	1,864.02	1,118.41-	745.61

# HALLIBURTON

ORIGINAL

Halliburton Energy Services, Inc.

Sales Order Number: 2420797

Sales Order Date: April 29, 2003

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
	NUMBER OF BACH	1	each					
76400	ZI MILEAGE,CMT MTL5 DEL/RET MIN	547.400	MI		1.72	941.53	564.92-	376.61
	500306 / MILEAGE,CMTG MTL5 DEL/RET PER/TON MI,MIN							
	NUMBER OF TONS	1.00	ton					
87605	ZI FUEL SURCHG-CMT & CMT ADDITIVES	547.400	TNM		0.08	27.21		27.21
	FUEL SURCHG-CMT & CMT ADDITIVES/PER TNM							
	NUMBER OF TONS	1.00	ton					
<b>SALES ORDER AMOUNT</b>						27,567.03	16,362.65-	11,204.38
Sales Tax - State								421.43
Sales Tax - County								8.18
Sales Tax - City/Loc								79.51
<b>SALES ORDER TOTAL</b>								<b>11,713.50</b>
								US Dollars
Total Weight: 55,639.04 LB								

INVOICE INSTRUCTIONS:

Operator Name:  
Customer Agent:

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

# HALLIBURTON

ORIGINAL

Halliburton Energy Services, Inc.

Sales Order Number: 2420797

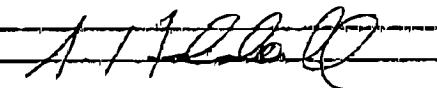
Sales Order Date: April 29, 2003

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
	NUMBER OF EACH	1	each					
76400	ZI MILEAGE,CMT MTL\$ DEL/RET MIN	547.400	MI		1.72	941.53	564.92-	376.61
	500-306 / MILEAGE,CMT0 MTL\$ DEL/RET PER/TON MI-MIN							
	NUMBER OF TONS	1.00	ton					
87605	ZI FUEL SURCHQ-CMT & CMT ADDITIVES	630.200	TNM		0.03	31.33		31.33
	FUEL SURCHQ-CMT & CMT ADDITIVES/PER TNM							
	NUMBER OF TONS	1.00	ton					
<b>SALES ORDER AMOUNT</b>						<b>27,571.15</b>	<b>16,362.65-</b>	<b>11,208.50</b>
Sales Tax - State								421.43
Sales Tax - County								8.18
Sales Tax - City/Loc								79.51
<b>SALES ORDER TOTAL</b>								<b>11,717.62</b>
								<b>US Dollars</b>
Total Weight:		56,639.04 LB						

INVOICE INSTRUCTIONS:

Operator Name:  
Customer Agent:

Halliburton Approval: X  
Customer Signature: X



ORIGINAL

<b>HALLIBURTON JOB SUMMARY</b>		ORDER NUMBER <b>2420797</b>	TICKET DATE <b>04/29/03</b>
REGION <b>Central Operations</b>	AREA / COUNTRY <b>Mid Contnnt/USA</b>	SDA / STATE <b>MC/Ks</b>	COUNTY <b>GRANT</b>
WELL / HOLE # <b>MCLIO103 106304</b>	WELL EMPLOYEE NAME <b>TYCE DAVIS</b>	REL DEPARTMENT <b>Cement</b>	
LOCATION <b>LIBERAL KS</b>	COMPANY <b>PIONEER NATURAL RESOURCES</b>	CUSTOMER REP / PHONE <b>STEVE HADDOCK 1-620-353-4220</b>	
TICKET AMOUNT <b>\$11,717.62</b>	WELL TYPE <b>02 Ggs</b>	API/WELL #	
WELL LOCATION <b>LAND NE MOSCOW</b>	DEPARTMENT <b>CEMENT</b>	SAP # OAS NUMBER <b>7523</b>	Cement Production Casing
WELL NAME <b>JERRY BROLLIER</b>	Well No. <b>1-5R</b>	SEC1 TYP / ANG <b>5 - 308 - 35W</b>	WELL FACILITY (CLOSEST TO WELL SITE) <b>LIBERAL KS</b>

WELL EMP NAME / EMP # / (EXPOSURE HOURS)	HR8	HR8	HR8	HR8
Davis, T 106304	0.0			
Willie D 226400	0.0			
Martinez A.L 258016	0.0			
Hartless C 280508	0.0			

H.S. LINES / (R/T MILES)	R/T MILES	R/T MILES	R/T MILES	R/T MILES
10219237	40			
64225-10011277	20			
10244148-10011680	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
	4/29/2003	4/29/2003	4/29/2003	4/29/2003
Time	1330	1830	2230	2330

Type and Size	Qty	Make
Float Collar INERT	1	HOWCO
Float Shoe FILL TUBE	1	HOWCO
Centralizers 8-4	12	HOWCO
Top Plug BW	1	HOWCO
HEAD PC	1	HOWCO
Limit clamp	1	HOWCO
Weld-A	1	HOWCO
Guide Shoe REG	1	HOWCO
BTM PLUG		

Casing	New/Used	Weight	Size	Grade	From	To	Max. Allow
Liner	NEW	15.6	5 1/2		0	2,766	
Liner							
Tubing							
Drill Pipe							
Open Hole			778"				Shots/Ft.
Perforations							
Perforations							
Perforations							

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 _____	
Perpac Balls _____	Qty. _____	
Other _____		
Other _____		
Other _____		
Other _____		

Date	Hours	Date	Hours	Cement Production Casing
4/29				

Ordered _____	Avail. _____	Used _____
Treating _____	Disp. _____	Overall _____
Feet 21	Reason _____	SHOE JOINT

Stage	Sacks	Cement	Bulk/Sks	Additives	W/R4	Yield	Lbs/Gal
1	26	MHLC C		8% TOTAL GEL - 10# GILSONITE - 2% CC - 1/4# FLOCELE	34.91	8.36	10.00
2	308	MHLC C		8% TOTAL GEL - 10# GILSONITE - 2% CC - 1/4# FLOCELE	10.48	2.10	12.50
3	180	PREM PLUS C		8% GILSONITE - 2% CC - .5% HALAD-9 - 1/4# FLOCELE - .25% D-A	6.96	1.51	14.10
4							

Circulating Breakdown _____	Displacement _____	Preflush: BBI _____	Type: _____
Lost Returns- _____	MAXIMUM _____	Load & Bkdn: Gal - BBI _____	Pad: Bbl - Gal _____
Cmt Rtrn#Bbl _____	Lost Returns- _____	Excess /Return BBI _____	Calc. Disp Bbl _____
Average _____	Actual TOC _____	Calc. TOC: _____	Actual Disp. _____
Shut In: Instant _____	Frac. Gradient _____	Treatment: Gal - BBI _____	Disp: Bbl _____
	5 Min. _____ 15 Min. _____	Cement Slurry BBI _____	_____
		Total Volume BBI _____	_____
			198.0
			261.00

THE INFORMATION STATED HEREIN IS CORRECT  
 CUSTOMER REPRESENTATIVE \_\_\_\_\_  
 Signature: *Steve Haddock*  
 SIGNATURE

ORIGINAL

HALLIBURTON JOB LOG					TICKET #	TICKET DATE
REGION <b>Central Operations</b>		NWA / COUNTRY <b>Mid Continent/USA</b>		WPA / STATE <b>MC/Ks</b>		COUNTY <b>GRANT</b>
MCL ID / EMPL # <b>MCL1013 106304</b>		H.E.A. EMPLOYEE NAME <b>TYCE DAVIS</b>		FSL DEPARTMENT <b>Cement</b>		
LOCATION <b>LIBERAL KS</b>		COMPANY <b>PIONEER NATURAL RESOURCES</b>		CUSTOMER REP / PHONE <b>STEVE HADDOCK 1-620-353-4220</b>		
TICKET AMOUNT <b>\$11,717.62</b>		WELL TYPE <b>02 Gas</b>		AP/WANT #		
WELL LOCATION <b>LAND NE MOSCOW</b>		DEPARTMENT <b>CEMENT</b>		JOB PURPOSE CODE <b>Cement Production Casing</b>		
CREW NAME <b>JERRY BROLLIER</b>		Well No. <b>1-5R</b>	SEG / HWY / RMA <b>5 - 30S - 35W</b>		NEAR FACILITY (CLOSEST TO WELL) # <b>LIBERAL KS</b>	
HRB EMP NAME/EMP # (EXPOSURE HOURS)	HRB	HRB EMP NAME/EMP # (EXPOSURE HOURS)	HRB	HRB EMP NAME/EMP # (EXPOSURE HOURS)	HRB	HRB EMP NAME/EMP # (EXPOSURE HOURS)
Davis, T 106304	0					
Willie D 225408	0					
Martinez A,L 258818	0					
Hartless C 280598	0					
	1300					CALLED OUT FOR JOB
	1800					DN LOCATION RIG L.D.D.P
	2000					OUT OF HOLE W/DP RIG UP CASERS
	2030					START CASING AND FE
	2150					CASING ON BOTTOM HOOK UP PC AND CIRC LINES
	2200					BREAK CIRC W/RIG
	2204					CIRC TO PIT
	2226					THRU CIRC HOOK LINES TO PT
	2231					PSI TEST LINES
	2235	6.0				PLUG RAT HOLE W/18SX
	2239	6.0	24.0	180		PUMP 286X P+MHLC AT 10#
	2243	6.0	108.0	80		PUMP 290SX P+MHLC AT 12.6#
	2302	6.0	48.0	120		PUMP 190SX P+ AT 14#
	2315					SHUT DOWN DROP PLUG AND WASH UP
	2319	6.0	65.0	100		PUMP DISPLACEMENT
	2320	6.0	65.0	200		6 BBLs IN CEMENT TO PIT
	2330	2.0	65.0	600		55 BBLs IN SLOW RATE
	2335	2.0	65.0	750-1300		LAND PLUG
	2336		65.0	1300-0		RELEASE FLOAT———HELD
	2340					JOB OVER
						CIRCULATED 60 BBLs CEMENT

ORIGINAL

HALLIBURTON

Work Order Contract

Order Number 2420797

Halliburton Energy Services, Inc. Houston, Texas 77055

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:

Table with columns: Well No. (1-5R), Firm or Lease (JERRY BROLIER), County (GRANT), State (Ks), Well Permit Number, Customer (PIONEER NATURAL RESOURCE), 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 wells 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 bills 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 twelfth 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 25% 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-tenant owners or joint venturers 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 in a well or in a wellbore or above the surface, regardless of 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 reservoirs or any other in the nature thereof, fire, explosion, subsurface pressure, radioactive and pollution and contamination and the cleanup and control.

CUSTOMER'S RELEASE, INDEMNITY AND HOLD HALLIBURTON GROUP HARMLESS obligations will apply even if the liability and claims are caused by the sole, equipment, active or passive negligence, fault, or strict liability of the active or passive members of the Halliburton Group, the undersigned, or any vessel or any subject to the same, property, supplies, materials or equipment furnished by any employee or contractor of the Halliburton Group in the design, manufacture, maintenance or operation thereof or those activities in any of such context. Halliburton Group is not liable for Halliburton Energy Services, Inc., its parent, subsidiary, and affiliated companies, licensors and subcontractors and all vendors, officers, directors, employees, consultants and agents. CUSTOMER'S RELEASE, INDEMNITY AND HOLD HALLIBURTON GROUP 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 each contractor furnished hereon with liability insurance with limits of not less than \$1,000,000. Customer agrees to name Halliburton Group as named additional insured on all of its general liability policies. Customer agrees that the liability coverage of Customer is not limited by the amounts of the insurance coverage, except where and to the extent required by applicable law for the provisions of this Contract to be enforceable.

D. EQUIPMENT LIABILITY - Customer shall be the 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 36.152(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 conditions.

E. LIMITED WARRANTY - Halliburton warrants only 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 case 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: [Signature] DATE: 04/29/03 TIME: 1930

Customer Acceptance of Materials and Services

THE CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE MATERIALS AND SERVICES DESCRIBED ON THE ATTACHED ORDER NUMBER 2420797

[Signature] CUSTOMER Authorized Signatory

INVOICE

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: April 28, 2003

Invoice Number: 91907548

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

Well Name: PNR NAT RES BROLLIER 1-5R, GRANT  
 Ship to: ULYSSES, KS 67880  
 GRANT

Job Date: April 27, 2003  
 Cust. PO No.: NA  
 Payment Terms: net due 45 days  
 Quote No.: 21027202  
 Sales Order No.: 2415586

TO:

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

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:

RECEIVED  
 OCT 09 2003  
 KCC WICHITA

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
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
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 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 FEET/METRES (FT/M)	1.000	EA		2,238.00	2,238.00	1,432.32-	805.68
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  
 MCT  
 5/5/03

# INVOICE

Continuation **ORIGINAL**

## HALLIBURTON

Halliburton Energy Services, Inc.

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

**Invoice Date: April 28, 2003**

**Invoice Number: 91907548**

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	200.000	SK		18.16	3,632.00	2,324.48-	1,307.52



# INVOICE

Continuation **ORIGINAL**

## HALLIBURTON

Halliburton Energy Services, Inc.

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

**Invoice Date: April 28, 2003**

**Invoice Number: 91907548**

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
*100005049	Chemical - Flocele (25 lb sk) XXXXXXX 890.50071 / FLOCELE - 3/8 - 25 LB SACK	88.000	LB		2.72	239.36	153.19-	86.17
*100005053	Chemical - Calcium Chloride Hi 509-406890.50812 / CALCIUM CHLORIDE - HI TEST PELLET - / 94- 97% CACL 2 - 80# BAG	7.000	SK		119.47	836.29	535.23-	301.06
*100012205	Cement- Class C / Premium Plus 504-050516.00265 / CEMENT - CLASS C - PREMIUM - BULK	150.000	SK		22.10	3,315.00	2,121.60-	1,193.40
3965	HANDLE&DUMP SVC CHR, CMT&ADDI 500-207 NUMBER OF EACH	381.000	CF		2.82	1,074.42	687.63-	386.79
		1	each					
76400	ZI MILEAGE,CMT MTLs DEL/RET MI 500-306 / MILEAGE,CMTG MTLs DEL/RET PER/TON MI.MIN NUMBER OF TONS	332.600	MI		1.72	572.07	366.12-	205.95
		1.00	ton					
87605	ZI FUEL SURCHG-CMT & CMT ADDIT FUEL SURCHG-CMT & CMT ADDITIVES/PER TNM NUMBER OF TONS	332.600	TNM		0.08	16.53		16.53
		1.00	ton					
<b>Total</b>						<b>16,348.50</b>	<b>10,221.00-</b>	<b>6,127.50</b>
Sales Tax - State								199.45
Sales Tax - County								8.75
Sales Tax - City/Loc								37.63
<b>INVOICE TOTAL</b>								<b>6,373.33</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.

\* - Taxable item

# HALLIBURTON

## SALES ORDER

# ORIGINAL

Halliburton Energy Services, Inc.

**Sales Order Number: 2415586**

**Sales Order Date: April 26, 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:**

PNR NAT RES BROLLIER 1-5R, GRANT

**Company Code:**

1100

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

NA

**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:**

*RW*

**SHIP TO:**

PNR NAT RES BROLLIER 1-5R, GRANT  
BROLLIER JERRY  
\*  
ULYSSES KS 67880  
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: 2415586

Sales Order Date: April 26, 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	200.000	SK		18.16	3,632.00	2,324.48-	1,307.52
100005049	Chemical - Flocele (25 lb. sk) XXXXXXXX 890.50071 / FLOCELE - 3/8 - 25 LB SACK	88.000	LB		2.72	239.36	153.19-	86.17
100005053	Chemical - Calcium Chloride Hi Test Plt 509-406890.50812 / CALCIUM CHLORIDE - HI TEST PELLETT - / 94-97% CACL 2 - 80# BAG	7.000	SK		119.47	836.29	535.23-	301.06
100012205	Cement- Class C / Premium Plus (Bulk) 504-050516.00265 / CEMENT - CLASS C - PREMIUM - BULK	150.000	SK		22.10	3,315.00	2,121.60-	1,193.40
3965	HANDLE&DUMP SVC CHRГ, CMT&ADDITIVES,ZI 500-207 NUMBER OF EACH	381.000	CF		2.82	1,074.42	687.63-	386.79

Halliburton Energy Services, Inc.

**Sales Order Number: 2415586**

**Sales Order Date: April 26, 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	332.600 1.00	MI ton		1.72	572.07	366.12-	205.95
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	332.600 1.00	TNM ton		0.08	16.53		16.53

Sales Order Number: 2415586

Sales Order Date: April 26, 2003

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
<b>SALES ORDER AMOUNT</b>								
	Sales Tax - State					16,348.50	10,221.00-	6,127.50
	Sales Tax - County							199.45
	Sales Tax - City/Loc							8.75
								37.63
<b>SALES ORDER TOTAL</b>								
								6,373.33
	Total Weight: 33,637.18 LB							US Dollars

INVOICE INSTRUCTIONS:

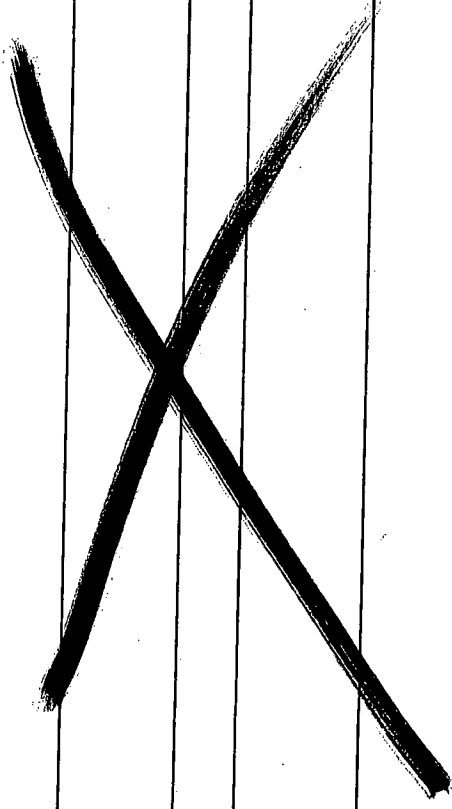
Operator Name:  
Customer Agent:

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

**Sales Order Number: 2415586**

**Sales Order Date: April 26, 2003**

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
	<b>SALES ORDER AMOUNT</b>					16,348.50	10,221.00-	6,127.50
	Sales Tax - State							199.45
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	<b>SALES ORDER TOTAL</b>							<b>6,373.33</b>
								US Dollars
	Total Weight: 33,637.18 LB							



**INVOICE INSTRUCTIONS:**

Operator Name:  
Customer Agent:

Halliburton Approval: X *[Signature]*  
Customer Signature: X *[Signature]*

# HALLIBURTON JOB SUMMARY

REGION <b>Central Operations</b>	NWA / COUNTRY <b>Mid Continent/USA</b>	SALES ORDER NUMBER <b>2415586</b>	TICKET DATE <b>04/26/03</b>
MBU ID / EMPL # <b>MCPA 0111 106007</b>	H.E.S. EMPLOYEE NAME <b>TERRY OSBY</b>	BDA / STATE <b>MC/Ks</b>	COUNTY <b>GRANT</b>
LOCATION <b>LIBERAL</b>	COMPANY <b>PIONEER NATURAL RESOURCES 3</b>	PSL DEPARTMENT <b>Cement</b>	<b>ORIGINAL</b>
TICKET AMOUNT <b>\$6,373.33</b>	WELL TYPE <b>02 Gas</b>	CUSTOMER REP / PHONE <b>STEVE HADDOCK 1-620-353-4220</b>	
WELL LOCATION <b>N. MOSCOW, KS.</b>	DEPARTMENT <b>CEMENT</b>	SAP BOMB NUMBER <b>7521</b>	Cement Surface Casing
LEASE NAME <b>JERRY BROLLIER</b>	Well No. <b>1-5R</b>	SEC / TWP / RNG <b>5 - 30S - 35W</b>	HES FACILITY (CLOSEST TO WELL SITE)

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS
Osby, T 106007	6.5	Harper, K 241985	6.5	Wille, D. 225409	6.5
				Ollphant, C 243055	6.5

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	H.E.S. UNIT #S / (R / T MILES)	R / T MILES	H.E.S. UNIT #S / (R / T MILES)	R / T MILES
10011506 P/U	40	10219237	40	10011406-10011591	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
	4/26/2003	4/26/2003	4/27/2003	4/27/2003
Time	1845	2200	0510	0550

Type and Size	Qty	Make
Float Collar		
CMT BASKET 8 5/8	1	HOWCO
Centralizers	4	HOWCO
Top Plug	1	HOWCO
HEAD	1	HOWCO
Limit clamp	1	HOWCO
Weld-A	1	HOWCO
Guide Shoe	1	HOWCO
Insert w a/fil	1	HOWCO

New/Used		Weight	Size	Grade	From	To	Max. Allow
Casing	NEW	24#	8 5/8"		0	602	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			12 1/4"				
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	In
Perpac Balls	Qty.	
Other		
Other		
Other		
Other		

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
4/26	2.0	4/27	1.0	Cement Surface Casing
4/27	6.5			
<b>Total</b>	<b>8.5</b>	<b>Total</b>	<b>1.0</b>	

Ordered \_\_\_\_\_ Hydraulic Horsepower \_\_\_\_\_  
 Treating \_\_\_\_\_ Average Rates in BPM \_\_\_\_\_  
 Feet 42 \_\_\_\_\_ Disposition \_\_\_\_\_  
 Reason \_\_\_\_\_ Cement Left in Place \_\_\_\_\_ Overall \_\_\_\_\_  
**SHOE JOINT**

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	200	HLC PP C		2% CC - 1/4# FLOCELE	11.22	2.04	12.30
2	150	PREM PLUS C		2% CC - 1/4# FLOCELE	6.36	1.36	14.80
3							
4							

Summary			
Circulating Breakdown	Displacement	Preflush: BBI	5.00
Lost Returns	MAXIMUM	Load & Bkdn: Gal - BBI	
Cmt Rtn#Bbl	Actual TOC	Excess /Return BBI	
Average	Frac. Gradient	Calc. TOC:	
Shut In: Instant	5 Min.	Treatment: Gal - BBI	
	15 Min.	Cement Slurry BBI	108.5
		Total Volume BBI	149.00

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

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





ORIGINAL

Work Order Contract

HALLIBURTON

Order Number 2415586

Halliburton Energy Services, Inc. Houston, Texas 77058

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:

Table with 4 columns: Well No. (1-5R), Farm or Lease (JERRY BROLIER), County (GRANT), State (Ks), Well Permit Number, Customer (PIONEER NATURAL RESOURCES), Well Owner (PIONEER NATURAL RESOURCES 3046), 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 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 policies. 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: [Signature] CUSTOMER Authorized Signatory

DATE: 04/26/03 TIME: \_\_\_\_\_

Customer Acceptance of Materials and Services

THE CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE MATERIALS AND SERVICES DESCRIBED ON THE ATTACHED ORDER NUMBER 2415586

[Signature] CUSTOMER Authorized Signatory