

ORIGINAL

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 04824
Name: PIONEER NATURAL RESOURCES USA, INC.
Address ATTN: LINDA KELLY - ROOM 1325
City/State/Zip IRVING, TX 75039
Purchaser: PIONEER NATURAL RESOURCES USA, INC.
Operator Contact Person: LINDA KELLY
Phone (972) 444-9001
Contractor: Name: VAL DRILLING
License: 5822
Wellsite Geologist: KCC WICHITA

API NO. 15- 15-189-22435-0000
County STEVENS
SE - SE - SE Sec. 25 Twp. 32S S. R. 39W E W
1250' FSL Feet from S (circle one) Line of Section
1250' FEL Feet from E (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name ROACH Well # 1-A R
Field Name PANOMA
Producing Formation COUNCIL GROVE

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc.)

Elevation: Ground 3210 Kelley Bushing _____
Total Depth 3081' Plug Back Total Depth 3044'
Amount of Surface Pipe Set and Cemented at 640' 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.

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. _____
07/19/03 07/23/03 08/27/03
Spud Date or Date Reached TD Completion Date or Recompletion Date

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit) alt I KJR 2/21/08
Chloride content 1000 ppm Fluid volume 3000 bbls
Dewatering method used DRY OUT/EVAPORATION/BACKFILL
Location of fluid disposal if hauled offsite: _____
Operator Name PIONEER NATURAL RESOURCES
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 Linda Kelly
Title ENGINEERING TECH Date 07/19/04

Subscribed and sworn to before me this 19 day of July, 2004.
Notary Public Angie B. Hernandez

Notary Public, State of Texas
My Commission Expires
May 21, 2005

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

Operator Name PIONEER NATURAL RESOURCES USA, INC.

Lease Name ROACH

Well # A-1 R

Sec. 25 Twp. 32S S.R. 39W East West

County STEVENS

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
 PHOTO DENSITY COMP NEUTRON LOG
 ARRAY INDUCTION ELECTRIC LOG

Name	Formation (Top), Depth and Datums	
	Top	Datum
CHASE	2443'	MD
KRIDER	2479'	MD
FT. RILEY	2656'	MD
COUNCIL GROVE	2762'	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#	605'	LT. PREM+	375	2%CaCl2
PRODUCTION	7-7/8"	5-1/2"	15.5#	3079'	15/85 POZMX	395	2%CaCl2

Purpose	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
Perforate					
Protect Casing					
Plug Back TD					
Plug Off Zone					

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
		Amount	Depth
2	2768' - 2934'	ACDZ 3978 GAL 15% HCLFe. FLSH 2824	
		GAL 20#WF G.FRAC 57000 GAL WFG120	
		+ 118000# 16/30 OTTAWA SAND	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-3/8"	2955'	N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.			Producing Method		
08/28/03			<input type="checkbox"/> Flowing <input checked="" 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	100	0	--	--

Disposition of Gas: **METHOD OF COMPLETION** **Production Interval**

Vented Sold Used on Lease Open Hole Perforation Dually Comp. Commingled 2768' - 2934'

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

INVOICE

HALLIBURTON

Halliburton Energy Services, Inc.

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

Wire Transfer Information

Account Number:

ABA Routing Number:

Invoice Date: July 24, 2003

Invoice Number: 92054621

DIRECT CORRESPONDENCE TO:

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

Rig Name:

Well Name: PNR NAT RES ROACH A-IR. STEVENS
 Ship to: HUGOTON, KS 67951
 STEVENS

Job Date: July 24, 2003
 Cust. PO No.: NA
 Payment Terms: net due 45 days
 Quote No.: 21027230
 Sales Order No.: 2573416

TO:

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

RECEIVED
 AUG 01 2003
 A/P - LCO

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

Contract No.:
 Contract from:
 Contract to:

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
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	110.66	90.54
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	65.12	53.28
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		2,661.00	2,661.00	1,463.55	1,197.45
132	PORTABLE DAS./DAY/JOB,ZI 045-050 NUMBER OF DAYS	1.000	JOB		916.00	916.00	503.80	412.20

RECEIVED
 JUL 23 2004
 KCC WICHITA

INVOICE

HALLIBURTON

Halliburton Energy Services, Inc.

Continuation

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

Invoice Date: July 24, 2003

Invoice Number: 92054621

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	EA		633.00	633.00	348.15	284.85
74038	ZI PLUG CONTAINER RENTAL-1ST D DAYS OR FRACTION (MINI)	1.000	EA	733.00		733.00	403.15	329.85
*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	69.58	56.92
100001585	CHEM-KCL POTASSIUM CHLORIDE - 70.15302 / CHEMICAL - KCL POTASSIUM CHLORIDE - / 50 LB SACK OR BAG	250.000	LB		0.62	155.00	85.25	69.75
*100004723	SHOE - GUIDE - 5-1/2 8RD 12A825 205 / SHOE - GUIDE - 5- 1/2 8RD	1.000	EA		214.70	214.70	96.62	118.08
*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	119.07	145.53
*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	28.80	35.20
*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	411.64	503.12
*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	18.32	22.38
45	KIT HALL WELD-A 019-000	1.000	EA		36.86	36.86	16.59	20.27

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Invoice Date: July 24, 2003

Invoice Number: 92054621

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
*66994	SBM Modified Hall Light Cmt Pr 504-112	230.000	SK		22.13	5,089.90	2,799.45-	2,290.45
*100012205	Cement- Class C / Premium Plus 504-050516.00265 / CEMENT - CLASS C - PREMIUM - BULK	180.000	SK		22.10	3,978.00	2,187.90-	1,790.10
*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	525.67-	430.09
*100005049	Chemical - Flocele (25 lb sk) XXXXXXX 890.50071 / FLOCELE - 3/8 - 25 LB SACK	103.000	LB		2.72	280.16	154.09-	126.07
*100003700	Chem- Gilsonite (Bulk) 508-292 516.00337 / CHEMICAL - GILSONITE - BULK	2,050.000	LB		0.79	1,619.50	890.73-	728.77
*100003646	CHEMICAL - HALAD-322 - 50 LB S 507-775516.00144 / CHEMICAL - HALAD-322 - 50 LB SACK	228.000	LB		10.32	2,352.96	1,294.13-	1,058.83
3965	HANDLE&DUMP SVC CHRГ, CMT&ADDI 500-207 NUMBER OF EACH	507.000	CF		2.82	1,429.74	786.36-	643.38
76400	ZI MILEAGE,CMT MTLs DEL/RET MI 500-306 / MILEAGE,CMTG MTLs DEL/RET PER/TON MI.MIN NUMBER OF TONS	426.000	MI		1.72	732.72	403.00-	329.72
87605	ZI FUEL SURCHG-CMT & CMT ADDIT FUEL SURCHG-CMT & CMT ADDITIVES/PER TNM NUMBER OF TONS	426.000	TNM		0.08	34.08		34.08

RECEIVED

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* - Taxable item

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Continuation

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

Invoice Date: July 24, 2003

Invoice Number: 92054621

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
	Total							
	Sales Tax - State					23,565.34	12,781.63	10,783.71
	INVOICE TOTAL							387.19
								11,170.90
								US Dollars

OK
MGT
7/31/03

VENDOR 047766

LSEWELL	GEN	SUB	Amount	Svc. Date
925974001	016	309	11,170.90	7/24/03

AFF # 003620 APPROVAL

✓
2/8/03

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.

RECEIVED

JUL 23 2004

KCC WICHITA

* - Taxable item

HALLIBURTON

SALES ORDER

Halliburton Energy Services, Inc.

Sales Order Number: 2573416

Sales Order Date: July 23, 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

Rig Name:

Well/Rig Name: PNR NAT RES ROACH A-1R, STEVENS
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
Ticket Type: Services

SHIP TO:

PNR NAT RES ROACH A-1R, STEVENS
ROACH
HUGOTON KS 67951
USA

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 000-117 Number of Units	40.000	MI		5.03	201.20	110.66-	90.54
86955	ZI FUEL SURCHG-HEAVY TRKS > 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	65.12-	53.28
86954	ZI FUEL SURCHG-CARS/PICKUPS < 1 FUEL SURCHG-CARS/PICKUPS < 1 1/2 TON/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		2,661.00	2,661.00	1,463.55-	1,197.45
132	PORTABLE DAS./DAY/JOB,ZI 045-050 NUMBER OF DAYS	1.000	JOB		916.00	916.00	503.80-	412.20

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142	AXIAL FLOW MIXER, W/O 046-070	1.000	EA		633.00	633.00	348.15-	284.85
	NUMBER OF JOBS	1	Job					
74038	ZI PLUG CONTAINER RENTAL-1ST DAYS OR FRACTION (MINI)	1.000	EA	733.00	733.000.00	733.00	403.15-	329.85
		1	Days					
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	69.58-	56.92
100001585	CHEM-KCL POTASSIUM CHLORIDE - 50# 70.15302 / CHEMICAL - KCL POTASSIUM CHLORIDE - / 50 LB SACK (OR BAG	250.000	LB		0.62	155.00	85.25-	69.75
100004723	SHOE - GUIDE - 5-1/2 8RD 12A825205 / SHOE - GUIDE - 5-1/2 8RD	1.000	EA		214.70	214.70	96.62-	118.08
100076173	FLOAT-IFV,5 1/2,8RD,L.G,8RD & BUTRS VALVE ASSEMBLY, INSERT FLOAT, 5-1/2 / 14-23 LBS/FT, RRD, LG 8RD AND BUTRESS	1.000	EA		264.60	264.60	119.07-	145.53
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	28.80-	35.20
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	411.64-	503.12
100004639	COLLAR-STOP-5 1/2"-W/DOGS XXXXXXX 80672730 / CLAMP - LIMIT - 5- 1/2 - FRICTION - / W/DOGS	1.000	EA		40.70	40.70	18.32-	22.38
45	KIT HALL WELD-A	1.000	EA		36.86	36.86	16.59-	20.27

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100012205	Cement- Class C / Premium Plus (Bulk) 504-050516.00265 / CEMENT - CLASS C - PREMIUM - BULK	180.000	SK		22.10	3,978.00	2,187.90-	1,790.10
100005053	Chemical - Calcium Chloride Hi Test Pkt 509-406890 50812 / CALCIUM CHLORIDE - HI TEST PELLETT - / 94-97% CACL 2 - 80# BAG	8.000	SK		119.47	955.76	525.67-	430.09
100005049	Chemical - Flocele (25 lb sk) XXXXXXX 890.50071 / FLOCELE - 3/8 - 25 LB SACK	103.000	LB		2.72	280.16	154.09-	126.07
100003700	Chem- Gilsonite (Bulk) 508-292 516.00337 / CHEMICAL - GILSONITE - BULK	2,050.000	LB		0.79	1,619.50	890.73-	728.77
100003646	CHEMICAL - HALAD-322 - 50 LB SACK 507-775516.00144 / CHEMICAL - HALAD-322 - 50 LB SACK	228.000	LB		10.32	2,352.96	1,294.13-	1,058.83
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87605	ZI FUEL SURCHG-CMT & CMT FUEL SURCHG.CMT & CMT ADDITIVES/PER TNM NUMBER OF TONS	426.000	TNM		0.08	34.08		34.08

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Sales Order Number: 2573416

Sales Order Date: July 23, 2003

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
	SALES ORDER AMOUNT							
	Global Discount					23,565.34	12,781.63	10,783.71
	Sales Tax - State							175.66
	SALES ORDER TOTAL							387.19
	Total Weight: 43,230.25 LB							11,170.90 US Dollars

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INVOICE INSTRUCTIONS:

Operator Name:
Customer Agent:

Halliburton Approval: X _____
Customer Signature: X _____

HALLIBURTON

Halliburton Energy Services, Inc.

Sales Order Number: 2573416

Sales Order Date: July 23, 2003

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
SALES ORDER AMOUNT								
	Global Discount					23,565.34	12,781.62	10,783.72
	Sales Tax - Stato							0.00
								388.27
SALES ORDER TOTAL								11,171.99
Total Weight: 43,232.04 LB								US Dollars

Field Ticket

RECEIVED
JUL 23 2004
KCC WICHITA

INVOICE INSTRUCTIONS.

Operator Name:
Customer Agent:

Halliburton Approval: X
Customer Signature: X

[Handwritten Signature]

HALLIBURTON JOB SUMMARY

REGION Central Operations	NWA / COUNTRY Mid Continent/USA	SALES ORDER NUMBER 2573416	TICKET DATE 07/23/03
MBU ID / ENPL # MCL1 0110 / 198516	HES EMPLOYEE NAME JASON CLEMENS	BDA / STATE MC/Ks	COUNTY STEVENS
LOCATION LIBERAL	COMPANY PIONEER NATURAL RESOURCES 3	PSL DEPARTMENT Cement	CUSTOMER REP / PHONE DAVID HIGGINS 1-620-353-8548
TICKET AMOUNT \$11,171.99	WELL TYPE O2 Gas	SAP BOMB NUMBER 7523	APVUM # Cement Production Casing
WELL LOCATION HUGOTON	DEPARTMENT Z1	HES FACILITY (CLOSEST TO WELL SITE) LIBERAL, KS	
LEASE NAME ROACH	Well No 2271365	SEC / TWP / RNG A-1R 25 - 32S - 39W	

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS
Clemens, A 198516	5.5		
Archuleta, M 226383	8.8		
Harper, K 241985	8.8		
Tate, N 105953	5.5		

HES UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES
421269	40		
10251403	40		
10243558/10011276	20		
10011406/10011277	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
	7/23/2003	7/23/2003	7/24/2003	7/24/2003
Time	1600	2000	0030	130

Type and Size	Qty	Make
Float Collar		HES
Float Shoe		
Centralizers	12	
Top Plug	1	
HEAD	1	
Limit clamp	1	
Weld-A	1	
Guide Shoe	1	
BTM PLUG		

Casing	Well Data		From	To	Max. Allow
	New/Used	Weight			
Liner	n	15.5	0	3,084	
Liner					
Tubing					
Drill Pipe					
Open Hole					
Perforations					Shots/Ft.
Perforations					
Perforations					

Materials		
Mud Type	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb
Acid Type	Gal.	Lb
Surfactant	Gal.	%
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	
7/23	4.0	7/24	1.0	Cement Production Casing
7/24	1.5			
Total	5.5	Total	1.0	

RECEIVED
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KCC WICHITA

Ordered	Hydraulic Horsepower Avail.	Used
Treating	Average Rates in BPM Disp.	Overall
Feet 22	Cement Left in Pipe Reason	SHOE JOINT

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq	Yield	Lbs/Gal
1	215	MHLC C		8% TOTAL GEL - 5# GILSONITE - 2% CC - 6/10% HALAD-322 - 1/4# FLOCEL	10.48	2.10	12.60
2	180	PREM PLUS C		5# GILSONITE - 2% CC - 8% HALAD-322 - 1/4# FLOCELE	6.98	1.51	14.10
3	15	MHLC C		8% TOTAL GEL - 5# GILSONITE - 2% CC - 6/10% HALAD-322 - 1/4# FLOCEL	10.48	2.10	12.60
4							

Circulating Breakdown		Displacement		Summary	
Lost Returns-Y	MAXIMUM	Actual TOC	Frac. Gradient	Preflush: BBI	5.00
Cmt Rtm#Bbl	Lost Returns-N	5 Min.	15 Min.	Load & Bkdn: Gal - BBI	
Average	Actual TOC			Excess /Return BBI	
Shut In: Instant	Frac. Gradient			Calc. TOC:	
	5 Min.			Treatment: Gal - BBI	
				Cement Slurry BBI	135.0
				Total Volume BBI	213.00

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

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE _____

 SIGNATURE

HALLIBURTON JOB LOG

REGION Central Operations		NWA / COUNTRY Mid Continent/USA	TICKET # 2573416	TICKET DATE 07/23/03
MCI ID / EMPL # MCLI 0110 / 198516		HES EMPLOYEE NAME JASON CLEMENS	BDA / STATE MC/Ks	COUNTY STEVENS
LOCATION LIBERAL		COMPANY PIONEER NATURAL RESOURCES	PSL DEPARTMENT Cement	
TICKET AMOUNT \$11,171.99		WELL TYPE 02 Gas	CUSTOMER REP / PHONE DAVID HIGGINS 1-620-353-8548	
WELL LOCATION HUGOTON		DEPARTMENT ZI	JOB PURPOSE CODE Cement Production Casing	
LEASE NAME ROACH		Well No 21 A-1R	RES FACILITY (CLOSEST TO WELL) LIBERAL, KS	
SEC / TWP / RNG 25 - 32S - 39W				

HES EMP NAME/EMP # (EXPOSURE HOURS)	HR	HES EMP NAME/EMP # (EXPOSURE HOURS)	HR	HES EMP NAME/EMP # (EXPOSURE HOURS)	HR	HES EMP NAME/EMP # (EXPOSURE HOURS)	HR
Clemens, A 198516	8.5						
Archuleta, M 226383	8.0						
Harper, K 241985	8.0						
Tate, N 105953	8.0						

Chart No.	Time	Rate (BPM)	Volume (BBL/GAL)	Rate		Press. (PSI)		Job Description / Remarks
				N2	CSG	Tbg		
	1830							ARRIVE ON LOCATION
	1845							PRE JOB SAFETY MEETING
	1900							SPOT EQUIPMENT
	2000							START F.E.
	2320							CASING ON BOTTOM / CIR WITH RIG
	0035							PRESSURE TEST
	0037	4.0	5.0		3000			START SPACER...FRESH
	0038	6.0	80.0		250			START LEAD 215 SKS @ 12.6#
	0051	6.0	48.0		250			START TAIL 180 SKS @ 14.1#
	100	6.0	128.0	--	200			END CEMENT /DROP PLUG
	100							WASH LINES
	104	6.5	73.0		55			START DISPLACEMENT WI 1% KCL H2O
	108	6.5	30.0		150			CAUGHT CEMENT
	112	2.0	63.0		650			SLOW RATE
	119	2.0	73.0		1250			LAND PLUG
	120							END JOB
					825			PRESSURE BEFORE LANDING PLUG
	0030	2.0	5.0					PLUG RAT HOLE

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THANKS JASON & CREW.

HALLIBURTON

Work Order Contract

Halliburton Energy Services, Inc.
Houston, Texas 77058

Order Number 2573416

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 BEEOW AND DELIVER AND SELL PRODUCTS, SUPPLIES AND MATERIALS FOR THE PURPOSE OF SERVICING:

Well No. A-1R	Farm or Lease ROACH	2271365	County STEVENS	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 seepage or any action in the nature thereof, fire, explosion, subsurface pressure, reactivity, and pollution and contamination and its cleanup and control.

CUSTOMER'S RELEASE, DEFEND, INDEMNIFY 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 unreasonableness 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 other officers, directors, employees, consultants and agents. **CUSTOMER'S RELEASE, DEFENSE, INDEMNIFY 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

[Signature]
CUSTOMER Authorized Signatory

DATE:

07/23/03

TIME:

2000

Customer Acceptance of Materials and Services

THE CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE MATERIALS AND SERVICES DESCRIBED ON THE ATTACHED ORDER NUMBER 2573416

[Signature]
CUSTOMER Authorized Signatory

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JUL 23 2004

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INVOICE

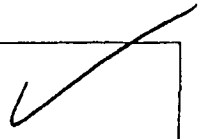
HALLIBURTON

Halliburton Energy Services, Inc.

Wire Transfer Information

Account Number:

ABA Routing Number:



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

Invoice Date: July 21, 2003

Invoice Number: 92048825

DIRECT CORRESPONDENCE TO:

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

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A/P - LCO

Well Name: PNR NAT RES ROACH A-1R, STEVENS
Ship to: HUGOTON, KS 67951
STEVENS

Job Date: July 20, 2003
Cust. PO No.: NA
Payment Terms: net due 45 days
Quote No.: 21027212
Sales Order No.: 2564873

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:

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	118.71	82.49
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	69.86	48.54
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 700 FEET/METRES (FT/M) 001-018 / CSG PUMPING,ADD HR,ZI	1.000	EA		2,238.00	2,238.00	1,320.42	917.58
16092	ADDITIONAL HOURS (PUMPING EQUI HOURS	1.000	EA			0.00		0.00

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A/P - LCO

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Halliburton Energy Services, Inc.

Continuation

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

Invoice Date: July 21, 2003

Invoice Number: 92048825

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
132	PORTABLE DAS./DAY/JOB,ZI 045-050 NUMBER OF DAYS	1.000	JOB Days		916.00	916.00	540.44	375.56
142	AXIAL FLOW MIXER.W/O ADC./JOB, 046-070 NUMBER OF JOBS	1.000	EA Job		633.00	633.00	373.47	259.53
74038	ZI PLUG CONTAINER RENTAL-1ST D DAYS OR FRACTION (MINI)	1.000	EA Days	733.00		733.00	432.47	300.53
*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	127.20	88.40
*100004727	SHOE - GUIDE - 8-5/8 8RD 12A825.217 / SHOE - GUIDE - 8- 5/8 8RD	1.000	EA		337.87	337.87	152.04	185.83
*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	168.26	205.66
*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	37.25	45.53
*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	174.24	212.96
*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	148.00	180.90
*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	21.29	26.01

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Continuation

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Halliburton Energy Services, Inc.

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

Invoice Date: July 21, 2003

Invoice Number: 92048825

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
45	KIT HALL WELD-A 019-000	1.000	EA		36.86	36.86	16.59	20.27
*14241	SBM Halliburton Light Premium 504-120	200.000	SK		18.16	3,632.00	2,142.88	1,489.12
*100005049	Chemical - Flocele (25 lb sk) XXXXXXX 890.50071 / FLOCELE - 3/8 - 25 LB SACK	88.000	LB		2.72	239.36	141.22	98.14
*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	563.90	391.86
*100012205	Cement- Class C / Premium Plus 504-050516 00265 / CEMENT CLASS C - PREMIUM - BULK	175.000	SK		22.10	3,867.50	2,281.83	1,585.67
3965	HANDLE&DUMP SVC CHR, CMT&ADDI 500-207 NUMBER OF EACH	411.000	CF		2.82	1,159.02	683.82	475.20
		1	each					
76400	ZI MILEAGE,CMT MTLs DEL/RET MI 500-306 / MILEAGE,CMTG MTLs DEL/RET PER/TON MI.MIN NUMBER OF TONS	357.000	MI		1.72	614.04	362.28	251.76
		1.00	ton					
87605	ZI FUEL SURCHG-CMT & CMT ADDIT FUEL SURCHG-CMT & CMT ADDITIVES/PER TNM NUMBER OF TONS	357.000	TNM		0.08	28.56		28.56
		1.00	ton					
VENDOR <u>047766</u>								
				LSE/WELL	GEN	SUB	Amount	Svc. Date
				925974001	015	809	7,521.93	7/29/03
Total						17,159.07	9,876.17	7,282.90
Sales Tax - State								239.03
INVOICE TOTAL								7,521.93
								US Dollars

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OK
MKT
7/29/03

AFIP 003620 APPROVAL MKT

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

Halliburton Energy Services, Inc.

Sales Order Number: 2564873

Sales Order Date: July 19, 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 ROACH A-1R, STEVENS

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 ROACH A-1R, STEVENS
ROACH
HUGOTON KS 67951
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 000-117 Number of Units	40.000	MI		5.03	201.20	118.71-	82.49
86955	ZI FUEL SURCHG-HEAVY TRKS > 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	69.86-	48.54
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	1,320.42-	917.58
16092	ADDITIONAL HOURS (PUMPING EQUIPMENT), ZI 001-018 / CSG PUMPING.ADD HR.ZI	1.000	EA					

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HALLIBURTON

Halliburton Energy Services, Inc.

Sales Order Number: 2564873

Sales Order Date: July 19, 2003

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
	HOURS	1	hr					
132	PORTABLE DAS./DAY/JOB,ZI 045-050 NUMBER OF DAYS	1.000	JOB		916.00	916.00	540.44-	375.56
142	AXIAL FLOW MIXER,W/O 046-070 NUMBER OF JOBS	1.000	EA		633.00	633.00	373.47-	259.53
74038	ZI PLUG CONTAINER RENTAL-1ST DAYS OR FRACTION (MINI)	1.000	EA	733.00	733.00	733.00	432.47-	300.53
100003163	PLUG-CMTG-TOP PLASTIC-8-5/8 402 15781 / PLUG - CMTG - TOP PLASTIC - 8- 5/8 / 24-49W	1.000	EA		215.60	215.60	127.20-	88.40
14241	SBM Halliburton Light Premium Plus 504-120	200.000	SK		18.16	3,632.00	2,142.88-	1,489.12
100005049	Chemical - Flocele (25 lb sk) XXXXXXX 890.50071 / FLOCELE - 25 - 25 LB SACK	88.000	LB		2.72	239.36	141.22-	98.14
100005053	Chemical - Calcium Chloride Hi Test Pel 509-406890.50812 / CALCIUM CHLORIDE - HI TEST PELLETT - / 94-97% CACL. 2 - 80W BAG	8.000	SK		119.47	955.76	563.90-	391.86
100012205	Cement- Class C / Premium Plus (Bulk) 504-050516 00265 / CEMENT - CLASS C - PREMIUM - BULK	175.000	SK		22.10	3,867.50	2,281.83-	1,585.67
3965	HANDLE&DUMP SVC CHR.G. 500-207 NUMBER OF EACH	411.000	CF		2.82	1,159.02	683.82-	475.20
76400	ZI MILEAGE,CMT MTLs DEL/RET MIN 500-306 / MILEAGE,CMTG MTLs DEL/RET PER/TON MI MIN NUMBER OF TONS	357.000	MI		1.72	614.04	362.28-	251.76
		1.00	ton					

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HALLIBURTON

Halliburton Energy Services, Inc.

Sales Order Number: 2564873

Sales Order Date: July 19, 2003

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
100004727	SHOE - GUIDE - 8-5/8 SRD 12AR25 217 / SHOE - GUIDE - 8-5/8 SRD	1.000	EA		337.87	337.87	152.04-	185.83
100004702	VALVE ASSY-INSERT FLOAT 8-5/8 24A- 815.19502 / VALVE ASSY - INSERT FLOAT - 8-5/8 SRD / CSG 24#	1.000	EA		373.92	373.92	168.26-	205.66
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	37.25-	45.53
100004521	CENTRALIZER ASSY 8-5/8 CSG X 12-1/4 40806 6104R / CENTRALIZER ASSY - 8-5/8 CSG X 12-1/4 / HOLE - HINGED - W/WELDED STANDARD / BOWS	4.000	EA		96.80	387.20	174.24-	212.96
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	148.00-	180.90
100004642	CLP,LJM.8 5/8,FRICT.WTH DOGS XXXXXXX 806.72750 / CLAMP - LIMIT - 8- 5/8 - FRICTION - / W/DOGS	1.000	EA		47.30	47.30	21.29-	26.01
45	KIT HALL WELD-A 019-000	1.000	EA		36.86	36.86	16.59-	20.27
87605	ZI FUEL SURCHG-CMT & CMT FUEL SURCHG-CMT & CMT ADDITIVES/PER TNM NUMBER OF TONS	357.000 1.00	TNM ton		0.08	28.56		28.56

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HALLIBURTON

Halliburton Energy Services, Inc.

Sales Order Number: 2564873

Sales Order Date: July 19, 2003

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
	SALES ORDER AMOUNT					17,159.07	9,876.17	7,282.90
	Global Discount							0.00
	Sales Tax - State							239.03
	SALES ORDER TOTAL							7,521.93
	Total Weight: 36,058.39 LB							US Dollars

INVOICE INSTRUCTIONS:

Operator Name:
Customer Agent:

Halliburton Approval: X _____
Customer Signature: X _____

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HALLIBURTON

Halliburton Energy Services, Inc.

Sales Order Number: 2564873

Sales Order Date: July 19, 2003

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
100004702	VALVE ASSY-INSERT FLOAT-8-5/8 24A- 815.19302 / VALVE ASSY - INSERT FLOAT - 8-5/8 BRD / CSG 24#	1 000	EA		373.92	373.92	168.26-	205.66
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	37.25-	45.53
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	174.24-	212.96
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	148.00-	180.90
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	21.29-	26.01
100005045	HALLIBURTON WELD-A KIT HALLIBURTON WELD-A KIT	1.000	EA		36.86	36.86	16.59-	20.27
87605	ZI FUEL SURCHG-CMT & CMT FUEL SURCHG-CMT & CMT ADDITIVES/PER TNM NUMBER OF TONS	357.000 1.00	TNM ton		0.08	28.56		28.56
SALES ORDER AMOUNT						17,159.07	9,876.17-	7,282.90
Global Discount								0.00
Sales Tax - State								240.11
SALES ORDER TOTAL								7,523.01
Total Weight: 36,060.18 LB								US Dollars

Field Copy

INVOICE INSTRUCTIONS:

Operator Name:
Customer Agent:

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Halliburton Approval: X
Customer Signature: X

David W. Higgins

KCC WICHITA

HALLIBURTON JOB SUMMARY

REGION Central Operations	NWA / COUNTRY Mid Continent/USA	SALES ORDER NUMBER 2564873	TICKET DATE 07/20/03
WELL ID / EMPL # MCL10110 212723	HES EMPLOYEE NAME JERRAKO EVANS	BDA / STATE MC/Ks	COUNTY STEVENS
LOCATION LIBERAL	COMPANY PIONEER NATURAL RESOURCES 3	PSL DEPARTMENT Cement	CUSTOMER REP / PHONE DAVID HIGGINS 1-620-353-8548
TICKET AMOUNT \$7,523.01	WELL TYPE 02 Gas	SAP BOMB NUMBER 7521	Cement Surface Casing
WELL LOCATION HUGOTON, KS	DEPARTMENT CEMENT	HES FACILITY (CLOSEST TO WELL SITE) LIBERAL, KS	
LEASE NAME ROACH	Well No 22713	SLC / TWP / RNG A-1R 25 - 32S - 39W	
HES EMP NAME / EMP # ((EXPOSURE HOURS))			

HES EMP NAME / EMP # ((EXPOSURE HOURS))	IRS	HRS	HRS	HRS
Evans, J 212723	0.5			
King, K 106942	0.5			
Oliphant, C 243068	0.5			

HES UNIT #S ((R/T MILES))	R/T MILES	R/T MILES	R/T MILES	R/T MILES
10415642	40			
10251403	40			
10011406-10011277	20			

Form. Name _____ Type: _____
 Form. Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Retainer Depth _____ Total Depth _____

Tools and Accessories

Type and Size	Qty	Make
Float Collar INSERT	1	HOWCO
Float Shoe BASKET	1	HOWCO
Centralizers S-4	4	HOWCO
Top Plug PLASTIC	1	HOWCO
HEAD 8 5/8	1	HOWCO
Limit clamp 8 5/8	1	HOWCO
Weld-A	1	HOWCO
Guide Shoe REG	1	HOWCO
BTM PLUG		

Materials

Mud Type	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb
Prop. Type	Gal.	%
Acid Type	Gal.	%
Acid Type	Gal.	In
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	In
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		

Date	Called Out	On Location	Job Started	Job Completed
	7/19/2003	7/20/2003	7/20/2003	7/20/2003
Time	2200	0200	0730	0830

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	NEW	24#	8 5/8"		0	664	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			12 1/4"			665	Shots/Ft.
Perforations							
Perforations							
Perforations							

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
7/20	6.5	7/20	8.5	Cement Surface Casing
Total	6.5	Total	8.5	

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

Cement Data

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	178	PREM PLUS C		2% CC - 1/4# FLOCELE	6.36	1.35	14.80
3							
4							

Summary

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.	Cement Slurry	BBI	
	15 Min.	Total Volume	BBI	
				115.0
				164.00

Frac Ring #1 _____ | Frac Ring #2 _____ | Frac Ring #3 _____ | Frac Ring #4 _____

THE INFORMATION STATED HEREIN IS CORRECT
CUSTOMER REPRESENTATIVE

David W. Higgins
 SIGNATURE

HALLIBURTON

Work Order Contract

Halliburton Energy Services, Inc.
Houston, Texas 77056

Order Number 2564873

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. A-1R	Farm or Lease ROACH	2271365	County STEVENS	State Ks	Well Permit Number
Customer PIONEER NATURAL RESOURCE		Well Owner PIONEER NATURAL RESOURCES		Job Purpose Cement Surface Casing	

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 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 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 to control a well well whether underground or above the surface; reservoir or underground damage involving loss of oil, gas, other mineral substances or water surface damage arising from underground damage, damage to, or loss of the well bore, subsurface seepage or any person in the course 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 unreasonableness of any test 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 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 in the jurisdiction of this Contract to be otherwise.

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 39.151(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 and Halliburton agrees 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 David W. Morgan
CUSTOMER Authorized Signatory

DATE: 07/20/03 TIME: 0100

Customer Acceptance of Materials and Services

THE CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE MATERIALS AND SERVICES DESCRIBED ON THE ATTACHED ORDER NUMBER 2564873

David W. Morgan
CUSTOMER Authorized Signatory

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