

WELL COMPLETION FORM

ORIGINAL

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: \_\_\_\_\_  
Designate Type of Completion

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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. \_\_\_\_\_

09/14/04 09/18/04 11/09/04

Spud Date or \_\_\_\_\_ Date Reached TD \_\_\_\_\_ Completion Date or  
Recompletion Date \_\_\_\_\_ Recompletion Date \_\_\_\_\_

API NO. 15- 15-067-21588-0000

County GRANT

NE/4 - NE/4 - NE/4 Sec. 9 Twp. 30S S. R. 37W  E  W

330' FNL \_\_\_\_\_ Feet from SN (circle one) Line of Section

330' FEL \_\_\_\_\_ Feet from EW (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name TUTTLE Well # 3-9R

Field Name: HUGOTON

Producing Formation CHASE

Elevation: Ground 3093.6' Kelley Bushing 3104'

Total Depth 3150' Plug Back Total Depth 2832'

Amount of Surface Pipe Set and Cemented at 634' Feet

Multiple Stage Cementing Collar Used? \_\_\_\_\_ Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan AW #1 KGR 6/22/07  
(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 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 11/29/04

Subscribed and sworn to before me this 9th day of November  
Notary Public, State of Texas  
Notary Publicly Commission Expires 11/2/2005  
Date Commission Expires 11/2/2005

KCC Office Use ONLY

- Letter of Confidentiality Attached
- If Denied, Yes  Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution



# 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: September 21, 2004**

**Invoice Number: 92803630**

**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 NATURAL HALL 3-1R, GRANT  
 Ship to: ULYSSES, KS; 67880  
 GRANT

**Job Date:** September 21, 2004

**Cust. PO No.:** N/A

**Payment Terms:** net due 45 days

**Quote No.:** 21120425

**Sales Order No.:** 3297622

**Manual Ticket No.:**

**Shipping Point:** LIBERAL Hwy 54 W. Ship Pt.

**Ultimate Destination Country:** US

**Customer Account No.:** 304606

**TO:**

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

**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		5.70	228.00	123.12	104.88
86955	ZI FUEL SURCHG-HEAVY TRKS >1 1 FUEL SURCHG-HEAVY TRKS >1 1/2 TON/PER MI Number of Units	40.000	MI		0.26	10.40		10.40
2	MILEAGE FOR CEMENTING CREW,ZI 000-119 Number of Units	40.000	MI		3.36	134.40	72.58	61.82
86954	ZI FUEL SURCHG-CARS/PICKUPS <1 FUEL SURCHG-CARS/PICKUPS <1 1/2TON/PER/MI Number of Units	40.000	MI		0.09	3.60		3.60
16091	ZI - PUMPING CHARGE 001-016 DEPTH FEET/METERS (FT/M)	1.000	EA		2,538.00	2,538.00	1,370.52	1,167.48
16092	ADDITIONAL HOURS (PUMPING EQUI 001-018 / CSG PUMPING ADD HR,ZI: HOURS	1.000	EA		585.00	1,170.00	631.80	538.20
		2.00	hr					
132	PORTABLE DAS./DAY/JOB,ZI 045-050 NUMBER OF DAYS	1.000	JOB		1,039.00	1,039.00	561.06	477.94
		1	Days					

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# INVOICE

## HALLIBURTON

Halliburton Energy Services, Inc.

Continuation

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

**Invoice Date: September 21, 2004**

**Invoice Number: 92803630**

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		718.00	718.00	387.72	330.28
74038	ZI PLUG CONTAINER RENTAL-1ST D DAYS OR FRACTION (MINI)	1.000	EA	832.00		832.00	449.28	382.72
*100003147	PLUG, CMTG, TOP PLSTC, 8-5/8 IN 2 999 402.15111 / PLUG - CMTG - TOP PLASTIC - 8-5/8 IN. / 24-49# - 7.580 MIN/8.097 MAX CSG ID - / SYNTHETIC SERVICE	1.000	EA		244.49	244.49	117.35	127.14
*100004727	SHOE - GUIDE - 8-5/8 8RD 12A825.217 / SHOE - GUIDE - 8- 5/8 8RD	1.000	EA		383.14	383.14	183.91	199.23
*100004702	VALVE ASSY-INSERT FLOAT-8-5/8 24A- 815.19502 / VALVE ASSY - INSERT FLOAT - 8-5/8 8RD / CSG 24#	1.000	EA		424.03	424.03	203.54	220.49
*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		93.87	93.87	45.06	48.81
*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		109.77	439.08	210.76	228.32
*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		372.98	372.98	179.03	193.95
*100004642	CLP, LIM, 8 5/8, FRICT, WTH DOGS XXXXXXXX 806.72750 / CLAMP - LIMIT - 8-5/8 - FRICTION - / W/DOGS	1.000	EA		53.64	53.64	25.75	27.89
*100005045	HALLIBURTON WELD-A KIT HALLIBURTON WELD-A KIT	1.000	EA		41.80	41.80	20.06	21.74
372867	Cmt PSL - DOT Vehicle Charge, Cmt PSL - DOT Vehicle Charge, CMT	2.000	EA		140.40	280.80		280.80
*14241	SBM Halliburton Light Premium 504-120	200.000	SK		20.60	4,120.00	2,224.80	1,895.20

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Continuation

HALLIBURTON  
Halliburton Energy Services, Inc.

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

MIDCONTINENT  
HUGOTON PROD

Invoice Date: September 21, 2004

Invoice Number: 92803630

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	94.000	LB		3.70	347.80	187.81	159.99
*100005053	Chemical - Calcium Chloride Hi 509-406890.50812 / CALCIUM CHLORIDE - HI TEST PELLET - / 94- 97% CACL 2 - 80# BAG	9.000	SK		135.40	1,218.60	658.04	560.56
*100012205	Cement- Class C / Premium Plus 504-050516.00265 / CEMENT - CLASS C - PREMIUM - BULK	175.000	SK		25.07	4,387.25	2,369.12	2,018.13
3965	HANDLE&DUMP SVC CHR, CMT&ADDI 500-207 NUMBER OF EACH	411.000	CF		3.20	1,315.20	710.21	604.99
76400	ZI MILEAGE,CMT MTL DEL/RET MI 500-306 / MILEAGE,CMTG MTL DEL/RET PER/TON MI.MIN NUMBER OF TONS	357.000	MI		1.95	696.15	375.92	320.23
87605	ZI FUEL SURCHG-CMT & CMT ADDIT FUEL SURCHG-CMT & CMT ADDITIVES/PER TNM NUMBER OF TONS	357.000	MI		0.09	32.13		32.13
Total						21,124.36	11,107.44	10,016.92
Sales Tax - State								302.18
INVOICE TOTAL								10,319.10 US Dollars

VENDOR

0477166

SE/WELL	GEN	SUB	Amount	Svc. Date
236321-001	015	329	10,319.10	9/21/04

AFE 005503

Handwritten signature and checkmark

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 JOB LOG

TICKET #	3297622	TICKET DATE	09/21/04
REGION	Central Operations	MMA / COUNTRY	Mid Continent/USA
WBU ID / EMPL #	MCL1 0110 / 198516	H.E.S. EMPLOYEE NAME	JASON CLEMENS
LOCATION	LIBERAL	PSL DEPARTMENT	Cement
TICKET AMOUNT	\$9,780.90	COMPANY	PIONEER NATURAL RESOURCES
WELL LOCATION	HICKOK	WELL TYPE	02 Gas
LEASE NAME	HALL	DEPARTMENT	Z1
Well No.	3-1R	SEC / TWP / RING	1 - 30S - 36W
API#		CUSTOMER REP / PHONE	TIM LEWIS 1-620-353-4233
		JOB PURPOSE CODE	Cement Surface Casing
		RES FACILITY (CLOSEST TO WELL #)	LIBERAL, KS

HRS	RES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	RES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	RES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	RES EMP NAME/EMP # (EXPOSURE HOURS)	HRS
	Clemens, A 198516							
	Wiltshire, M 195811							
	Olds, J 306196							

Chart No.	Time	Rate (BPM)	Volume (GAL)	Rate		Press. (PSI)		Job Description / Remarks
				N2	CSG	Top	Bot	
	1200							CALLED FOR JOB
	2230							ARRIVE ON LOCATION
	2245							PRE-JOB SAFTEY MEETING
	2300							SPOT EQUIPMENT
	0630							START CASING
	0800							CASING ON BOTTOM /// CIRCULATE W/ RIG PUMPS
	0829					3300		PRESSURE TEST
	0830	5.0	5.0			50		START FRESH H2O SPACER
	0832	7.0	0-73			220		START LEAD 200 SKS (HLC PP) MIXED @ 12.3#
	0841	6.0	0-42			120		START TAIL 175 SKS (PREM PLUS) MIXED @ 14.8#
	0849	7.0	115.0			150		END CEMENT /// DROP PLUG
	0849	4.5	0-38			25		START DISPLACEMENT
	0853	6.0	20.0			100		CAUGHT CEMENT
	0856	2.0	28.0			125		SLOW RATE
	0901	2.0	38.0			850		LAND PLUG /// FLOAT HELD
	0903							END JOB
						250		PRESSURE BEFORE LANDING PLUG
								CIRCULATED CEMENT
THANKS FOR CALLING HALLIBURTON								
JASON & CREW								

# HALLIBURTON

## Work Order Contract

Order Number

3297622

Halliburton Energy Services, Inc.  
Houston, Texas 77056

70012 SAP

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

Well No. 3-1R	Firm or Lease HALL	County 2 GRANT	State Ks	Well Permit Number
Customer PIONEER NATURAL RESOURCE		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 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 trace 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 of 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 any or more members of the Halliburton Group, Customer, or any other person or entity. Customer agrees to support such obligations assumed herein with liability insurance with limits of not less than \$500,000. Customer agrees to name Halliburton Group as named additional insureds on all of its general liability policy(s). Customer agrees that its liability under this Contract is not limited by the amounts of its insurance coverage, except where and as may be required by applicable local law for the provisions of this Contract to be enforceable.

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

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

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

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

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

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

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

SIGNED:

Jim Leub  
CUSTOMER Authorized Signatory

DATE:

09/21/04

TIME:

0100

Customer Acceptance of Materials and Services

THE CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE MATERIALS AND SERVICES DESCRIBED ON THE ATTACHED ORDER NUMBER 3297622

Jim Leub  
CUSTOMER Authorized Signatory



# 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: September 27, 2004**

**Invoice Number: 92815088**

**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 NATURAL HALL 3-1R, GRANT  
 Ship to: ULYSSES, KS 67880  
 GRANT

Job Date: September 26, 2004

Cust. PO No.: NA

Payment Terms: net due 45 days

Quote No.: 21120426

Sales Order No.: 3305713

Manual Ticket No.:

Shipping Point: LIBERAL Hwy 54 W. Ship Pt.

Ultimate Destination Country: US

Customer Account No.: 304606

**TO:**

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

Contract No.:

Contract from:

Contract to:

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		1	unit					
86955	ZI FUEL SURCHG-HEAVY TRKS >1 1 FUEL SURCHG-HEAVY TRKS >1 1/2 TON/PER MI Number of Units	40.000	MI		0.26	10.40		10.40
		1	unit					
2	MILEAGE FOR CEMENTING CREW,ZI 000-119 Number of Units	40.000	MI		3.36	134.40	72.58	61.82
		1	unit					
86954	ZI FUEL SURCHG-CARS/PICKUPS <1 FUEL SURCHG-CARS/PICKUPS <1 1/2TON/PER/MI Number of Units	40.000	MI		0.09	3.60		3.60
		1	unit					
16091	ZI - PUMPING CHARGE 001-016 DEPTH FEET/METERS (FT/M)	1.000	EA		3,018.00	3,018.00	1,629.72	1,388.28
		3,200	FT					
132	PORTABLE DAS./DAY/JOB,ZI 045-050 NUMBER OF DAYS	1.000	JOB		1,039.00	1,039.00	561.06	477.94
		1	Days					
142	AXIAL FLOW MIXER,W/O ADC./JOB, 046-070 NUMBER OF JOBS	1.000	EA		718.00	718.00	387.72	330.28
		1	Job					

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Halliburton Energy Services, Inc.

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

Invoice Date: September 27, 2004

Invoice Number: 92815088

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
74038	ZI PLUG CONTAINER RENTAL-1ST D DAYS OR FRACTION (MINI)	1.000	EA	832.00		832.00	449.28	382.72
		1	Days					
*101237390	PLUG,CMTG, TOP, 5 1/2, HWE, 4.38 M PLUG, CEMENTING, TOP, 5 1/2, HWE, 4.38 / MIN/5.09 MAX CASING ID, SYNTHETIC / SERVICE	1.000	EA		129.49	129.49	62.15	67.34
*100004723	SHOE - GUIDE - 5-1/2 8RD 12A825.205 / SHOE - GUIDE - 5-1/2 8RD	1.000	EA		243.48	243.48	116.87	126.61
*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		300.06	300.06	144.03	156.03
*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		72.57	72.57	34.84	37.73
*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	14.000	EA		86.44	1,210.16	580.88	629.28
*100004639	COLLAR-STOP-5 1/2*-W/DOGS XXXXXXXX 806.72730 / CLAMP - LIMIT - 5-1/2 - FRICTION - / W/DOGS	1.000	EA		46.16	46.16	22.16	24.00
*100005045	KIT, HALL WELD-A KIT, HALLIBURTON WELD-A	1.000	EA		41.80	41.80	20.06	21.74
100001585	CHEM-KCL POTASSIUM CHLORIDE - CHEM-KCL POTASSIUM CHLORIDE - 50#	250.000	LB		0.70	175.00	94.50	80.50
372867	Cmt PSL - DOT Vehicle Charge, Cmt PSL - DOT Vehicle Charge, CMT	3.000	EA		140.40	421.20		421.20
*66994	SBM Modified Hall Light Cmt Pr 504-112	370.000	SK		25.10	9,287.00	5,014.98	4,272.02
*100012205	Cement- Class C / Premium Plus 504-050516.00265 / CEMENT - CLASS C - PREMIUM - BULK	180.000	SK		25.07	4,512.60	2,436.80	2,075.80

RECEIVED  
INVOICE

SEP 30 2004

Continuation

**HALLIBURTON**  
Halliburton Energy Services, Inc.

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

MIDCONTINENT  
HUGOTON PROD

Invoice Date: September 27, 2004

Invoice Number: 92815088

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
*100005053	Chemical - Calcium Chloride Hi 509-406890.50812 / CALCIUM CHLORIDE - HI TEST PELLET - / 94- 97% CACL 2 - 80# BAG	5.000	SK		135.40	677.00	365.58	311.42
*100005049	Chemical - Flocele (25 lb sk) XXXXXXX 890.50071 / FLOCELE - 3/8 - 25 LB SACK	138.000	LB		3.70	510.60	275.72	234.88
*100003700	Chem- Gilsonite (Bulk) 508-292 516.00337 / CHEMICAL - GILSONITE - BULK	2,750.000	LB		0.90	2,475.00	1,336.50	1,138.50
*100003646	CHEMICAL - HALAD-322 - 50 LB S 507-775516.00144 / CHEMICAL - HALAD-322 - 50 LB SACK	304.000	LB		11.70	3,556.80	1,920.67	1,636.13
3965	HANDLE&DUMP SVC CHR, CMT&ADDI 500-207 NUMBER OF EACH	677.000	CF		3.20	2,166.40	1,169.86	996.54
		1	each					
76400	ZI MILEAGE,CMT MTLs DEL/RET MI 500-306 / MILEAGE,CMTG MTLs DEL/RET PER/TON MI.MIN NUMBER OF TONS	569.000	MI		1.95	1,109.55	599.16	510.39
		1.00	ton					
87605	ZI FUEL SURCHG-CMT & CMT ADDIT FUEL SURCHG-CMT & CMT ADDITIVES/PER TNM NUMBER OF TONS	569.000	MI		0.09	51.21		51.21
		1.00	ton					
<b>Total</b>						<b>32,969.48</b>	<b>17,418.24</b>	<b>15,551.24</b>
<b>Sales Tax - State</b>								<b>568.77</b>
<b>INVOICE TOTAL</b>								<b>16,120.01</b> US Dollars

VENDOR

047764

DC 10/8/04

LSE/WELL	GEN	SUB	Amount	Svc. Date
0216381-001	016	309	16,120.01	9/26/04

A/E 000503

SEP 10/7 ✓

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 JOB LOG

TICKET #	3305713	TICKET DATE	09/25/04
BDA / STATE	MC/Ks	COUNTY	GRANT
PSL DEPARTMENT	Cement		
CUSTOMER REP / PHONE	TIM LEWIS	1-620-353-4233	
AP/OWN #			
JOB PURPOSE CODE	Cement Production Casing		
WELL FACILITY (CLOSEST TO WELL #)	Liberal, Ks		

REGION	Central Operations	NWA / COUNTRY	Mid Continent/USA
MBU ID / EMPL #	MCL10110 / 217398	H.I.E.B. EMPLOYEE NAME	Mickey Cochran
LOCATION	LIBERAL	COMPANY	PIONEER NATURAL RESOURCES
TICKET AMOUNT	\$16,120.01	WELL TYPE	02 Gas
WELL LOCATION	HICKOK, KS	DEPARTMENT	Z1
LEASE NAME	HALL	Well No.	3-1R
		SEC / TWP / RNG	1 - 30S - 36W

HR#	EMP NAME/EMP # (EXPOSURE HOURS)	HR#	EMP NAME/EMP # (EXPOSURE HOURS)	HR#	EMP NAME/EMP # (EXPOSURE HOURS)	HR#	EMP NAME/EMP # (EXPOSURE HOURS)	HR#
	Cochran, M 217398	6.5						
	Cunningham, L 310538	6.5						
	Beasley, J 289920	7						
	Chapman, A 321197	7						

Chart No.	Time	Rate (BPM)	Volume (REL/GAL)	Rate			Press. (PSI)	Job Description / Remarks
				RY	NZ	CSO		
	1330							JOB READY
	1030							PRETRIP SAFETY MEETING
	1330							ARRIVE ON LOCATION
	1335							PREJOB SAFETY MEETING W/ HALLIBURTON CREW
	1340							SPOT EQUIPMENT
	1345							RIG UP EQUIPMENT
	1500							START CASING
	1700							CASING ON BOTTOM & CIRCULATE W/ RIG PUMP(S)
	1740					4000		PRESSURE TEST PUMPS & LINES
	1741	6.0	131.0			250		START LEAD CEMENT 360 SKS @ 12.6#
	1802	6.0	48.0			200		START TAIL CEMENT 180 SKS @ 14.8#
	1811							SHUT DOWN & WASH PUMP & LINES
	1812							DROP PLUG
	1819	6.0	0			100		START DISPLACEMENT W/ 1% KCL
	1821	6.0	15.0			200		DISPLACEMENT CAUGHT CEMENT
	1833	2.0	68.0			875		SLOW RATE
	1838	2.0	78.0			1600		BUMP PLUG
	1839	0	78.0			0		RELEASE -- FLOAT HELD
	1840							END JOB
						1075		PRESSURE BEFORE PLUG LANDED
								CIRCULATED CEMENT TO PIT
THANK YOU FOR CALLING HALLIBURTON								
MICKEY & CREW								