Form ACO-1 September 1999 Form must be Typed

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

**ORIGINAL** 

Operator: License # 04824	API NO. 15- 15-081-21492-0000
Name: PIONEER NATURAL RESOURCES USA, INC.	County HASKELL
Address ATTN: LINDA KELLY - ROOM 1325	
City/State/Zip IRVING, TX 75039	330' FNL Feet from SN circle one) Line of Section
Purchaser: PIONEER NATURAL RESOURCES USA, INC.	2310' FEL Feet from BW (circle one) Line of Section
Operator Contact Person: LINDA KELLY	Footages Calculated from Nearest Outside Section Corner:
Phone ( 972) 444-9001 RECEIVED	(circle one) NE SE NW SW
Contractor: Name: VAL DRILLING	Lease Name WRIGHT Well # 4-24
License:5822	Field Name PANOMA
Wellsite Geologist: KCC WICHITA	Producing Formation COUNCIL GROVE
Designate Type of Completion	Elevation: Ground 2953.8' Kelley Bushing 2964'
X New Well Re-Entry Workover	Total Depth 2990' Plug Back Total Depth 2965'
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at640.76 ' Feet
	Multiple Stage Cementing Collar Used? Yes X No
Dry Other (Core, WSW, Expl., Cathodic, etc.)	If yes, show depth setFeet
If Workover/Reentry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth tow/sx cmt.
Well Name:	Delline Child Manager D
Original Comp. Date Original Total Depth	(Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content 1000 ppm Fluid volume 3000 bbls
——— Plug Back ————————— Plug Back Total Depth	Dewatering method used <u>DRY_OUT/EVAPORATION/BACKFILL</u>
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	Operator Name
Other (SWD or Enhr?) Docket No	Lease Name License No
11/07/03 11/11/03 12/03/03	Quarter Sec Twp S R E _ W
Spud Date or Date Reached TD Completion Date or Recompletion Date  Recompletion Date	County Docket No
Information on side two of this form will be held confidential for a period 82-3-107 for confidentiality in excess of 12 months). One copy of all CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with All requirements of the statutes, rules and regulations promulgated to regulate are complete and correct to the best of my knowledge.	th the Kansas Corporation Commission, 130 S. MarkeT - Room 2078, Wichita, cover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. od of 12 months if requested in writing and submitted with the form (see rule wireline logs and geologist well report shall be attached with this form. ALL all plugged wells. Submit CP-111 form with all temporarily abandoned wells. late the oil and gas industry have been fully complied with and the statements
- CHONNESS AND THE STATE OF THE	KCC Office Use ONLY
Title ENGINEERING TECH Date 07/	01/04 Letter of Confidentiality Attached
Subscribed and sworn to before me this day of	If Denied, Yes Date:
	— Wireline Log Received
Notary Public March & lemans	Geologist Report Received

**UIC Distribution** 

Side Two

NSTRUCTIONS   Show important tops and base of fornations penalized. Detail all cores. Report all drill stem tosts giving interested time tool open and closed. Rowing and shute in pressures, whether shut-in pressures reached static level. hydrostatic pressures, before treathed, time tool open and closed. Rowing and shute in pressures, whether shut-in pressures reached static level. hydrostatic pressures, before treather and closed. Rowing and shute in pressures, whether shut-in pressures reached static level. hydrostatic pressures, before treather and closed. Affacts copy of Electric Wireline Logs surveyed. Affacts final geological well site report.	Operator Name PIO		RESOURCES	USA, INC	Lease	e Nan	ne <u>WRIG</u>	IT	Well*	# 4-24
tested, mile for open and closed, flowing and shuff-in pressure, whether shuff-in pressure reached static level, hydrostatic pressures, bottom it remperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of Electric Wireline Logs surveyed. Attach final geological well site report.  Drill Stem Tests Taken (Attach floridans Sheets.)			☐ East	🗓 Wes	Count	ty _	HASKELL		·	
CASING RECORD   Weight   Setting	tested, time tool oper temperature, fluid re	n and closed, flow covery, and flow	ing and shut- rates if gas	in pressure to surfac	es, whether sh e during test	านt-in	pressure read	thed static level. I	hydrostatic	nressures hottom
Yes   No   CHASE   2558   MD			Yes	X No	[X]	Log		Formation (Top),	Depth and I	Datums Sa
CHASE	Samples Sent to Geolo	ogical Survey	☐ Yes	X No	Nan	ne		Тор	D	atum
KRIDER 2619' MD  SI ALI E Logs Run:  CASING RECORD   New   Used Report all strings set-conductor, surface, intermediate, production, etc.  CASING RECORD   New   Used Report all strings set-conductor, surface, intermediate, production, etc.  CASING RECORD   New   Used Report all strings set-conductor, surface, intermediate, production, etc.  User Action   Size Casing   Weight   Setting   Type of   Sacks   Type and Percent   Additives    CASING RECORD   New   Used Report all strings set-conductor, surface, intermediate, production, etc.  CASING RECORD   New   Used Report all strings set-conductor, surface, intermediate, production, etc.  CASING RECORD   New   Used Report all strings set-conductor, surface, intermediate, production, etc.  CASING RECORD   New   Used Report all strings set-conduction, etc.  CASING RECORD   Size   Additives   Additives    ADDITIONAL CEMENTING/SQUEEZE RECORD  Purpose   Depth   Type of Cement   #Sacks Used   Type and Percent Additives    Portoet Casing   Pulp Back TD   Production   Pulp Sector   Additives    CASING RECORD   Bridge Plugs SeutType   Acid, Fracture, Shot, Cement Squeeze Record   Additives    CASING RECORD   Pulp Off Zone   Acid, Fracture, Shot, Cement Squeeze Record   Additives    CASING RECORD   Pulp Off Zone   Acid, Fracture, Shot, Cement Squeeze Record   Additives    CASING RECORD   Pulp Off Zone   Acid, Fracture, Shot, Cement Squeeze Record   Acid Material Used)   Depth    CASING RECORD   Pulp Off Zone   Acid, Fracture, Shot, Cement Squeeze Record   Acid Material Used)   Depth    CASING RECORD   Pulp Off Zone   Acid, Fracture, Shot, Cement Squeeze Record   Acid Material Used)   Depth    CASING RECORD   Pulp Off Zone   Acid, Fracture, Shot, Cement Squeeze Record   Acid Material Used)   Depth    CASING RECORD   Pulp Off Zone   Acid Fracture, Shot, Cement Squeeze Record   Acid Fracture, Shot, C	ores Taken		☐ Yes	X No						
STAIL ELOGS RUN: ONIC CEMENT BOND LOG WHMA RAY NEUTRON LOG  CASING RECORD Report all strings set-conductor, surface, intermediate, production, etc.  CASING RECORD Report all strings set-conductor, surface, intermediate, production, etc.  CASING RECORD Report all strings set-conductor, surface, intermediate, production, etc.  CASING RECORD Report all strings set-conductor, surface, intermediate, production, etc.  CASING RECORD Report all strings set-conductor, surface, intermediate, production, etc.  CASING RECORD Report all strings set-conductor, surface, intermediate, production, etc.  CASING RECORD Report all strings set-conductor, surface, intermediate, production, etc.  CASING RECORD Report all strings set-conductor, surface, intermediate, production, etc.  CASING RECORD Report all strings set-conductor, surface, intermediate, production, etc.  CASING RECORD Report all strings set-conductor, surface, intermediate, production, etc.  CASING RECORD Report all strings set-conductor, surface, intermediate, production, etc.  CASING RECORD Report all strings set-conductor, surface, intermediate, production, etc.  CASING RECORD Report all strings set-conductor, surface, intermediate, production, etc.  CASING RECORD Report all strings set-conductor, surface, intermediate, production, etc.  CASING RECORD Report all strings set-conductor, surface, intermediate, production, etc.  CASING RECORD Report all strings set-conductor, surface, intermediate, production, etc.  CASING RECORD Report all strings set-conductor, surface, intermediate, production, etc.  CASING RECORD Report all strings set-conductor, surface, intermediate, production, etc.  CASING RECORD Report all strings set-conductor, surface, intermediate, production, etc.  CASING RECORD Report all strings set-conductor, surface, intermediate, production, etc.  CASING RECORD Report all strings set-conductor, surface, intermediate, production, etc.  CASING RECORD Report all strings set-conductor, etc.  CASING RECORD Report all strings set-conductor, etc.  CASING RE	lectric Log Run		X Yes	☐ No	CHASE			2558'	M	D
CASING RECORD	, , , , ,				KRIDEF	?		2619'	MI	)
CASING RECORD	•	D LOG			FT. RI	LEY		2761	MI	)
Report all strings set-conductor, surface, intermediate, production, etc.  urpose of String					COUNC	[L G	ROVE	2887'	ME	)
Drilled   Set (In O.D.)   Lbs./Ft.   Depth   Cement   Used   Madditives		Repor			[A]	_		n, etc.		
PRODUCTION	urpose of String									
ADDITIONAL CEMENTING/SQUEEZE RECORD  Purpose Perforate Protect Casing Plug Back TD Plug Off Zone  PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated  ACDZ 3629 GAL 15* HCLFe. FLSH 3012  GAL 20# WF G. FRAC 57000 GAL WFG20  + 118000# 16/30 OTTAWA SAND  UBING RECORD Size 2899' N/A  UBING RECORD Size 2899' N/A  UBING RECORD Size 2899' N/A  Producing Method 2/18/03  Size 3899' N/A  Depth  Producing Method 1/2/18/03  Depth  Production Per 24 Hours  O  Bibls. Gas Mcf Water Bibs. Gas-Oil Ratio Gravity Production Interval  Vented  METHOD OF COMPLETION  Production   Dually Comp.   Commingled 2896' - 2941'  ADDITIONAL CEMENTING/SQUEEZE RECORD Type and Percent Additives  Type and Percent Additives  Acid, Fracture, Shot, Cement Sqeeze Record (Amount and Kind of Material Used)  Depth  ACDZ 3629 GAL 15* HCLFe. FLSH 3012  GAL 20# WF G. FRAC 57000 GAL WFG20  + 118000# 16/30 OTTAWA SAND  Production   Yes   No  Street  Acid  Acid  Fracture, Shot, Cement Sqeeze Record (Amount and Kind of Material Used)  Depth  Acid, Fracture, Shot, Cement Sqeeze Record (Amount and Kind of Material Used)  Depth  Acid, Fracture, Shot, Cement Sqeeze Record (Amount and Kind of Material Used)  Depth  Acid, Fracture, Shot, Cement Sqeeze Record (Amount and Kind of Material Used)  Depth  Acid, Fracture, Shot, Cement Sqeeze Record (Amount and Kind of Material Used)  Depth  Acid, Fracture, Shot, Cement Sqeeze Record (Amount and Kind of Material Used)  Depth  Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)  Depth  Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)  Depth  Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)  Depth  Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)  Depth  Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)  Depth  Acid, Fracture, Shot, Cement Squeeze  Full Shot, Cement Squeeze  Acid, Fracture, Shot, Cement Squeeze  Full Shot, Cement Squeeze  Full Shot	SURFACE	12-1/4"	8-5/8"		24#		640.76'	LT. PREM+	350	2%CaC12
Purpose Perforate Protect Casing Plug Back TD Plug Off Zone  Shots Per Foot  Perforate Protect Casing Plug Back TD Plug Off Zone  Perforate Shots Per Foot  Perforation RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated  Acid, Fracture, Shot, Cement Sqeeze Record (Amount and Kind of Material Used)  Depth  ACDZ 3629 GAL 15% HCLFe. FLSH 3012  GAL 20# WF G. FRAC 57000 GAL WFG20  + 118000# 16/30 OTTAWA SAND  UBING RECORD Size 2-3/8" 2899' N/A  Acid, Fracture, Shot, Cement Sqeeze Record (Amount and Kind of Material Used)  Depth  ACDZ 3629 GAL 15% HCLFe. FLSH 3012  GAL 20# WF G. FRAC 57000 GAL WFG20  + 118000# 16/30 OTTAWA SAND  UBING RECORD Size 2-3/8" 2899' N/A  Acid, Fracture, Shot, Cement Sqeeze Record (Amount and Kind of Material Used)  Perforation  Packer At 118000# 16/30 OTTAWA SAND  Production Method  [2/18/03]  Stimated Production Per 24 Hours  Oli Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity O 330  O  Position of Gas:  METHOD OF COMPLETION Production Interval  Vented Sold Used on Lease Open Hole Perforation Dually Comp. Commingled 2896' - 2941'	RODUCTION	7-7/8"	5-1/2"		15.5#		2990 '	15/85 POZMX	540	2%CaC12
Perforate Protect Casing Plug Back TD Plug Off Zone  Shots Per Foot  Perforate Protect Casing Plug Back TD Plug Off Zone  Shots Per Foot  Perforate Shots Perfor		<u> </u>	ADD	OITIONAL C	EMENTING/S	QUE	EZE RECORD			
Protect Casing Plug Back TD Plug Off Zone  Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated (Amount and Kind of Material Used)  2896' - 2941' ACDZ 3629 GAL 15% HCLFe. FLSH 3012  GAL 20# WF G. FRAC 57000 GAL WFG20  + 118000# 16/30 OTTAWA SAND  UBING RECORD Size Set At 2.3/8" 2899' N/A  Liner Run Yes X No  atte of First, Resumed Production, SWD or Enhr. Producing Method 2/18/03  Stimated Production Per 24 Hours 0 II Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity  Production Interval  Vented X Sold Used on Lease Open Hole X Perforation Dually Comp. Commingled 2896'-2941'  (If vented, submrit ACO-18)	•				T			<del></del>	rcent Additi	ves
Shots Per Foot   PERFORATION RECORD - Bridge Plugs Set/Type	Protect Casing									
Specify Footage of Each Interval Perforated  (Amount and Kind of Material Used)  Depth  ACDZ 3629 GAL 15% HCLFe. FLSH 3012  GAL 20# WF G. FRAC 57000 GAL WFG20  + 118000# 16/30 OTTAWA SAND  UBING RECORD Size Set At 2-3/8" 2899' N/A Liner Run Yes X No  ate of First, Resumed Production, SWD or Enhr. Producing Method  12/18/03  Sistimated Production Per 24 Hours  Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity  0 330 0  Production Interval  Vented X Sold Used on Lease Open Hole X Perforation Dually Comp. Commingled 2896'-2941'	Plug Off Zone									
GAL 20# WF G. FRAC 57000 GAL WFG20  + 118000# 16/30 OTTAWA SAND  UBING RECORD Size Set At 2-3/8" 2899' N/A Liner Run Yes X No  ate of First, Resumed Production, SWD or Enhr. Producing Method Flowing Production Flowing Production Per 24 Hours  Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity  0 330 0  Dosition of Gas: METHOD OF COMPLETION Production Dually Comp. Commingled 2896'-2941'  (If vented, Submit ACO-18)	Shots Per Foot	PERFORATION Specify Foots	RECORD - Br	ridge Plugs iterval Perf	Set/Type orated		Acid, Fractur	re, Shot, Cement S	qeeze Reco	
+ 118000# 16/30 OTTAWA SAND  UBING RECORD Size Set At 2-3/8" 2899' N/A Liner Run Yes X No  ate of First, Resumed Production, SWD or Enhr. Producing Method  [2/18/03]  Stimated Production Per 24 Hours  Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity  Production Per 24 Hours  Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity  Production Interval  Vented X Sold Used on Lease Open Hole X Perforation Dually Comp. Commingled 2896'-2941'	)	2896' - 294	L <b>'</b>				ACDZ 3629	GAL 15% HCLF	e. FLSH	3012
+ 118000# 16/30 OTTAWA SAND  UBING RECORD Size Set At 2-3/8" 2899' N/A Liner Run Yes X No  ate of First, Resumed Production, SWD or Enhr. Producing Method  [2/18/03]  Stimated Production Per 24 Hours  Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity  Production Per 24 Hours  Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity  Production Interval  Vented X Sold Used on Lease Open Hole X Perforation Dually Comp. Commingled 2896'-2941'							GAL 20# W	IF G. FRAC 570	00 GAL W	FG20
UBING RECORD Size Set At 2899' N/A Liner Run Yes X No ate of First, Resumed Production, SWD or Enhr.  2/18/03 Production Per 24 Hours  Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity  0 330 O  Dosition of Gas: METHOD OF COMPLETION Production Interval  Vented X Sold Used on Lease Open Hole X Perforation Dually Comp. Commingled 2896'-2941'										
2-3/8" 2899' N/A		<del></del>							07.11.15	
Ate of First, Resumed Production, SWD or Enhr.    2/18/03	UBING RECORD						Liner Run	☐ Yes 🗓	No	
stimated Production Per 24 Hours  Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity  0 330  0  Dosition of Gas: METHOD OF COMPLETION  Vented X Sold Used on Lease Open Hole X Perforation Dually Comp. Commingled  (If vented, submit ACO-18)	ate of First, Resume			Produc	cing Method					
Per 24 Hours  0 330 0  Dosition of Gas: METHOD OF COMPLETION Production Interval  Vented X Sold Used on Lease Open Hole X Perforation Dually Comp. Commingled 2896'-2941'					<del></del>			s Lift Othe	r (Explain)	<del></del>
Vented X Sold Used on Lease Open Hole X Perforation Dually Comp. Commingled 2896'-2941'		Oil			Mcf	Wate				Gravity
(If vented, submit ACO-18)	position of Gas:	METHOD O		<del></del>						
(If vented, submit ACO-18)	Vented X Sold	Used on Le	ase	Open H	ole 🛛 Perfor	ation	Dually Co	omp. Comming	led <u>;</u>	2896'-2941'
Other (opecity)	(If vented, submit	ACO-18.)	Γ	Other (	Specify)			- <del>-</del>		

#### **INVOICE**

## HALLIBURTON

Halliburton Energy Services, Inc.

RECEIVED

JUL 0 6 2004

Wire Transfer Information
Account Number:
ABA Routing Number:

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

KCC WICHITA

Invoice Date: November 11, 2003

DIRECT CORRESPONDENCE TO:

P.O. Box 1598

Liberal, KS 67905-1598

US

Tel: (620)624-3879 Fax: (620)624-9745

TO:

ŗ

PIONEER NATURAL RES U S A INC

ATTN: ACCOUNTS PAYABLE 5205 N O'CONNOR BLVD, STE. 1400

IRVING TX 75039-3746

Invoice Number: 92254025

Rig Name:

Job Date:

Well Name: PIONEER WRIGHT #4-24, HASKELL

Ship to: SATANTA, KS 67870

HASKELL

November 08, 2003

Cust. PO No.:

NΛ

Payment Terms: net due 45 days

Quote No.:

21086786

Sales Order No.: Manual Ticket No.: 2760505

Shipping Point:

LIBERAL Hwy 54 W. Ship Pt.

Ultimate Destination Country: US Customer Account No.: 304

304606

Contract No.: Contract from: Contract to:

		<del></del>	_					
Material	Description	OTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
			<del>                                     </del>					
<b>752</b> :l	PSL - CMT SURFACE CASING - BOM JP010	1.00	JOB					
	iroio	]				}		
•	"ZI-MILEAGE FROM NEAREST HES B	40.000			5.03	201.20	118.71-	82.49
1	000-117	40.000	MII		3.03	201.20	118.71-	82.49
	Number of Units	1	unit		,		1	
86955	ZI FUEL SURCHG-HEAVY TRKS >1 I	40.000	мі		0.24	9.60		9.60
	FUEL SURCHG-HEAVY TRKS >1 1/2			:				
	Number of Units	1	unit					
2	MILEAGE FOR CEMENTING CREW,ZI	40.000	мі		2.96	118.40	69.86-	48.54
	000-119	1				1		
	Number of Units	1	unit					
869:54	ZI FUEL SURCHG-CARS/PICKUPS < 1	40.000	МІ		0.08	3.20		3.20
	FUEL SURCHG-CARS/PICKUPS < 1 1/2TON/PER/MI	}						
	Number of Units	ı	unit			}		
16091	ZI - PUMPING CHARGE	1.000	EA		2,238.00	2,238.00	1,320.42-	917.58
	001-016						İ	
	DEPTH	700			1		1	
	FEET/METRES (FT/M)	FT						
132	PORTABLE DAS,/DAY/JOB,ZI	1.000	JOB		916.00	916.00	540.44-	375.56
	045-050		.		J		1	
	NUMBER OF DAYS	1	Days		1			

### **INVOICE**

## HALLIBURTON

**RECEIVED** 

Continuation

JUL 0 6 2004

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

KCC WICHITA

Invoi	ce Date: November 11, 2003				Invoice 1	Number: 92	254025	
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 Job		633.00	633.00	373.47-	259.53
74038	ZI PLUG CONTAINER RENTAL-IST 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	ЕЛ		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	ļ	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	ĒΑ		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
*100005045	HALLIBURTON WELD-A KIT HALLIBURTON WELD-A KIT	1.000	EA		36.86	36.86	16.59-	20.27
*14241	SBM Halliburion Light Premium 504-120	200.000	sk		18.16	3,632.00	2,142.88-	1,489.12

# RECEIVED

RECEIVED

Continuation

JUL 0 6 2004

KCC WICHITA

### HALLIBURTON

Hilliburton Energy Services, Inc.

NOV 2 1 2003

Remit To: P.O. Box 203143, Houston, TX 77216-3143 voice Number: 92254025 Invoice Date: November 11, 2003 Unit Gross Net UOM Amount Discount Amount Amount Material Description QTY Amount 104.83 150.85 94.000 LB 2.72 255.68 \*1)0005049 Chemical - Flocele (25 lb sk) 890.50071 / FLOCELE XXXXXX - 3/8 - 25 LB SACK 634.39 440.84 9.000 SK 119.47 1,075.23 \*10)0005053 Chemical - Calcium Chloride Hi 509-406890.50812 / CALCIUM CHLORIDE - HI TEST PELLET - / 94-97% CACL 2 - 80# BAG 1,585.67 2,281.83 22.10 3,867.50 \*100012205 Cement- Class C / Premium Plus 175.000 SK 504-050516.00265 / CEMENT -CLASS C - PREMIUM - BULK 475.20 HANDLE&DUMP SVC CHRG, CMT&ADDI 411.000 CF 2.82 1,159.02 683.82-3965 500-207 each NUMBER OF EACH 357.000 MI 1.72 614.04 362.28-251.76 ZI MILEAGE, CMT MTLS DEL/RET MI 76400 500-306 / MILEAGE, CMTG MTLS DEL/RET PER/TON MI.MIN 1:00 ton NUMBER OF TONS 28.56 28.56 0.08 ZI FUEL SURCHG-CMT & CMT ADDIT 357.000 MI 87605 FUEL SURCHG-CMT & CMT ADDITIVES/PER TNM 1.00 NUMBER OF TONS ton 17,294.86 9,956.29-7,338.57 Total 243.06 Sales Tax - State 22.93 Sales Tax - County 7,604.56 INVOICE TOTAL **US** Dollars Svc. Date

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.

#### SALES ORDER RECEIVED

Halliburton Energy Services, Inc.

JUL 0 6 2004

### KCC WICHITA

Sales Order Number: 2760505 Sales Order Date: November 05, 2003

SOLD TO:

PIONEER NATURAL RES U S A INC

A/P DEPT

5205 N O'CONNOR BLVD ST 1400

IFIVING TX 75039-3746

USA

SHIP TO:

PIONEER WRIGHT #4-24, HASKELL

WRIGHT

.

SATANTA KS 67870

USA

Rig Name:

Well/Rig Name:

PIONEER WRIGHT #4-24, HASKELL

RV

Company Code:

Customer P.O. No.:

1100

Shipping Point:

Liberal, KS, USA

Sales Office:

Mid-Continent BD

Well Type:

Gas

Well Category:

Development

Service Location: Payment Terms: 0037

net due 45 days

Ticket Type:

Services

Material	Description	ΩΤΥ	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
7521	PSL - CMT SURFACE CASING - BOM	1.00	IOB					
	JP010	1						
ı	"ZI-MILEAGE FROM NEAREST HES	40.000	мі	:	5.03	201.20	118.71-	82.45
	000-117 Number of Units	i	unit					
86955	ZI FUEL SURCHG-HEAVY TRKS > 1 1/2	40.000	мі	e <sup>r</sup>	0.24	9.60		9.60
	FUEL SURCHG-HEAVY TRKS >1 1/2 TON/PER MI Number of Units	1	unit					
2	MILEAGE FOR CEMENTING CREW,ZI	40.000	мі		2.96	118.40	69.86-	48.54
	000-119 Number of Units	1	unit			ļ		
86954	ZI FUEL SURCHG-CARS/PICKUPS < 1	40.000	мі		0.08	3.20		3.20
Ì	FUEL SURCHG-CARS/PICKUPS < 1 1/2TON/PER/MI Number of Units	ī	unit					
	ZI - PUMPING CHARGE	1.000	EA		2,238.00	2,238.00	1,320.42-	917.58
i	001-016 DEPTH	700				}	·	
1	FEET/METRES (FT/M)	FT						
	PORTABLE DAS,/DAY/JOB,ZI	1.000	JOB		916.00	916.00	540.44-	375.56
1	045-050 NUMBER OF DAYS	,	Days	1				

## RECEIVED

## JUL 0 6 2004

## KCC WICHITA

Halliburton Energy Services, Inc.

Sales Order Number: 2760505 Sales Order Date: November 05, 2003

•				Base	Unit	Gross		Net
Material	Description	QTY	UOM	Amount	Amount	Amount	Discount	Amount
142	AXIAL FLOW MIXER, W/O ADC,/JOB,ZI	1.000	EA		633.00	633.00	373.47-	259.53
	NUMBER OF JOBS	1	Job		!			
74038	ZI PLUG CONTAINER RENTAL-IST DAY DAYS OR FRACTION (MINI)	1.000	EA Days	733.00	733.00	733.00	432.47-	300.53
100003163	PLUG-CMTG-TOP PLASTIC-8-5/8	1.000	EA		215.60	215.60	127.20-	88.40
	402.15781 / PLUG - CMTG - TOP PLASTIC - 8- 5/8 / 24-49#							
14241	SBM Halliburton Light Premium Plus	200.000	sk		18.16	3,632.00	2,142.88-	1,489.12
	504-120			ļ				
100005049	Chemical - Flocele (25 lb sk)	94.000	LB		2.72	255.68	150.85-	104.33
	XXXXXXX 890.50071 / FLOCELE - 3/8 - 25 LB SACK						!	
100005053	Chemical - Calcium Chloride Hi Test Plt	9.000	SK		119.47	1,075.23	634.39-	440.84
	509-406890.50812 / CALCIUM CHLORIDE - HI TEST PELLET - / 94-97% CACL 2 - 80# BAG		,   				{	
100012205	Cement- Class C / Premium Plus (Bulk)	175.000	sĸ		22.10	3,867.50	2,281.83-	1,585.67
ĺ	504-050516.00265 / CEMENT - CLASS C - PREMIUM - BULK							
3955	HANDLE&DUMP SVC CHRG.	411.000	CF		2.82	1,159.02	683.82-	475.20
	NUMBER OF EACH	1	each					
1	ZI MILEAGE, CMT MTLS DEL/RET MIN 500-306 / MILEAGE, CMTG MTLS DEL/RET PER/TON MI.MIN	357.000	МІ		1.72	614.04	362.28-	251.76
i i	NUMBER OF TONS	1.00	ton					
10)004727	SHOE - GUIDE - 8-5/8 8RD	1.000	EA		337.87	337.87	152.04-	185.83
	12A825.217 / SHOE - GUIDE - 8-5/8 8RD		· ·		Ţ			

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JUL 0 6 2004

Halliburton Energy Services, Inc.

## KCC WICHITA

Sales Order Date: November 05, 2003 Sales Order Number: 2760505

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Nøt Amount
100004702	VALVE ASSY-INSERT FLOAT-8-5/8	1.000	EA		373.92	373.92	168.26-	205.66
	24A- 815.19502 / VALVE ASSY - INSERT FLOAT - 8-5/8 8RD / CSG 24#							
100013933	FILLUP ASSY - 1.500 ID - 7 IN 8- 5/8	1.000	EA		82.78	82.78	37.25-	45.53
	815.19405 / FILLUP ASSY - 1.500 ID - 7 IN. - 8-5/8 / INSERT FLOAT VALVE				· ,			
100004521	CENTRALIZER ASSY - 8-5/8 CSG X 12- 1/4 408/K.61048 / CENTRALIZER ASSY - 8-5/8 CSG	4.000	EA		96.80	387.20	174.24-	212.96
	X 12-1/4 / HOLE - HINGED - W/WELDED STANDARD / BOWS							į
100004616	BASKET-CMT-8-5/8 CSG-SLIP-ON-S	1.000	EA	<b>i</b>	328.90	328.90	148.00-	180,90
	806.71460 / BASKET - CEMENT - 8-5/8 CSG · SLIP-ON / - STEEL BOWS - CANVAS					, i		
100004642	CLP,LIM.8 5/8,FRICT.WTH DOGS	1.000	EA		47.30	47.30	21.29-	26.01
	XXXXXXX							
100005045	HALLIBURTON WELD-A KIT	1.000	EA		36.86	36.86	16.59-	20.27
	HALLIBURTON WELD-A KIT							:
876:35	ZI FUEL SURCHG-CMT & CMT ADDITIVES FUEL SURCHG-CMT & CMT ADDITIVES/PER TNM	357.000	мі		0.08	28.56		28.56
	NUMBER OF TONS	1.00	ton					
[	SALES ORDER AMOUNT			ł		17,294.86	9,956.29-	7,338.57
	Global Discount			j				0.00
	Sales Tax - State						. [	243.06 22.93
	Sales Tax - County							
	SALES ORDER TOTAL							7,604.56 US Dollars
	Total Weight: 36,146.18 LB					ļ		

7,338.57
0.00
243.06
22.93
7,604.56
US Pollars

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Halliburton Energy Services, Inc.

Sales Order Date: November 05, 2003 Sales Order Number: 2760505 Base Unit Net Gross MOU Amount QTY **Amount** Amount Amount Discount Material Description 168.26 205.66 100004702 VALVE ASSY-INSERT FLOAT-8-5/8 1.000 24A- 815,19502 / VALVE ASSY - INSERT FLOAT - 8-5/8 8RD / CSG 24# 1.000 EΑ 82.78 37.25-45.53 100013933 FILLUP ASSY - 1.500 ID - 7 IN. - 8-82.78 815.19405 / FILLUP ASSY - 1.500 ID - 7 IN. - 8-5/8 / INSERT FLOAT VALVE 4.000 96.80 387.20 174.24-212.96 100004521 CENTRALIZER ASSY - 8-5/8 CSG X 12-EA 40806.61048 / CENTRALIZER ASSY - 8-5/8 CSG X 12-1/4 / HOLE - HINGED - W/WELDED STANDARD / BOWS 1.000 328.90 180.90 10C004616 BASKET-CMT-8-5/8 CSG-SLIP-ON-S 328.90 148.00-806.71460 / BASKET - CEMENT - 8-5/8 CSG -SLIP-ON / - STEEL BOWS - CANVAS 100004642 CLP,LIM,8 5/8,FRICT,WTH DOGS 47.30 47.30 21.29-26.01 XXXXXXX 806,72750 / CLAMP - LIMIT - 8-5/8 - FRICTION - / W/DOGS 20.27 100005045 HALLIBURTON WELD-A KIT EA 36.86 36.86 16.59-HALLIBURTON WELD-A KIT 357,000 87605 ZI FUEL SURCHG-CMT & CMT ADDITIVE 0.08 28.56 28.56 FUEL SURCHG-CMT & CMT ADDITIVES/PER TNM NUMBER OF TONS 1.00 SALES ORDER AMOUNT 17,294.86 9,956.29-7,338,57 Sales Tax - State 243.06 Sales Tax - County 22.93 SALES ORDER TOTAL 7,604.56 **US** Dollars 36,146.18 LB Total Weight: INVOICE INSTRUCTIONS: Operator Name: Halliburton Customer Agent: Customer Signature: X

<b> -12</b>	<b>ALL</b>	IBURT	DN ,	OB SUN	ſΝ	IAR	Y	_	2760505 11/07/03					<b>;</b>	
Cent	ral Op	erations		Mid Contitu	ent				MC/Ks	MC/Ks HASKELL					
MCL		106322		Danny McL		!			Cement	PSL DEPARTMENT Cement					
LIBE	RAL			PIONEER N	ATI	JRAL	RESC	OURCES	DAVID F	CUSTOMER REP / PHONE DAVID HIGGINS 1-620-353-8548					
\$7,60	HOUNT			WELL TYPE 02 Gas					APUUMI #						
METT FOO				DEPARTMENT Cement				5AP BOMB NUM 7521	BER	Cen	ent Surfa	ce Casir	ıg 🔻		
EASE NA	ME	····	Well No.	SEC / TWP / RNG	41A/			<del> </del>		LOSEST YO WELL	SITE)				
WRICE HES EMP		/ (EXPOSURE HOURS)	HRS	1 24 - 298 - 30	***		HRŞ		Liberar	HR	\$			HRS	
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	ux, M 26		7.5				+{		<del></del>		+				
							<u> </u>			0.7300		JUL	0 6 20	R/T MILE	
H.E.S. UN	105	47695	R/T MILES				TMILES			R/T MRL	ES	<b>VCC</b>	WIC	<del>TIĂ "</del>	
10	102 243558	51401 10011277					$\neg \top$				7	1100			
	243330	10011277	<u>!</u>								上				
	Name Thickn	900	Type From	To	- ;		Calle	ed Out	On Locati	on Lie	55 SI	arted	Llob C	ompleted	
Packe	r Type n Hole		Set A	t	-	Date	7	11/7/2003	11/7/2	2003	11	arted 77/2003	17	77/2003	
Retair	er Dept	th	Total	Depth	-	Time		1830	1730			230		330	
THE PARTY		州線Tools and and Size	Accessore Qtv I	Make		encome.	40000000000000000000000000000000000000	New/Used		Size Gred		From T	To	Max. Allow	
Insert		8 5/8	1 H	owco	1 .	Casin	g	New	24#	8 6/8"	1	0	645		
Float Centra		8 6/8		DWCO		Liner Liner		1	<del>                                     </del>	<del>                                     </del>	+-				
Top F	lug	8 5/8 8 5/8		owco	1	Tubin					1				
HEAL Limit		8 5/8		DWCO	1	Drill P Open	Hole			12 1/4"	1			Shots/Ft.	
Weld- Guide		8 5/8		owco	]	Perfor Perfor					Ţ				
BIM	¹Ĭ.ÜĞ	0.00	H	owco		Perfor	ations	47 41 74 - 17		1 linear	1				
Mud	vpe	T I I I ZWAN IN MATER	Density	pwco Francesca scart Lb/Gal		Hours Dat 11/	e C	Hours 6.5	Date 11/7	Hours	1	<u>Descriou</u> Cement S	on'or Jor Jurface Ca	asing	
Disp. f Prop.		Siz	Density e	Lb/Gal		11/		1.0	11//	1.0	-				
Prop.	Type	Siz	e	_Lb	1						7				
Acid T	ype	Ga—Ga	ı. <u> </u>	_%						<u> </u>	1				
Surfact NE Ap	tant ient	Ga		_ln							-				
Fluid i.	_088	Ga	N.b	_In			_				7				
Fric. F	g Agent led.	Ga	VLb	_ln			士				1				
Breaki Blocki	na Aaer		VLb GaVL	- In — — —	ľ	Total		7.5	Total SW	1.0	J				
Perfp::	c Balls		Qty.		[ [	Order			MHydraulio Avail.	c Horsepov	ver 🕸	Used			
Other Other					1				#Average;	Rates in Bl	<b>SW</b>				
Other						Treatin			Disp.	t Left in Rip	e jiii				
Other					1	Feet	45		Reason			SHOE	JOINT		
				IN NO SECURE				Data Swan	Were Military						
Stage 1	Sacks 200	Cement HLC PP C	Bulk/Sks Bulk	2% CC - 1/4# FL		Additive LE	<u> </u>					W/Rq. 11.22	Yield 2.04	Lbs/Gal 12.30	
3	176	PREM PLUS C	Bulk	2% CC - 1/4# FL	OCE	LE						6.36	1.36	14.80	
4															
CERT	1 1510 20 15 20		1234/12514	DOWNSON THE REAL	88 GO	TECSI	mman	Valle Calle		PROFES SAME	* =10 · 2; 07 · .		sa)-380° as 743°	वक्रकार हो।	
Circula Breako	ting		Displa	cement			P	reflush:	BBI	5.00		Type:	fresh	water	
Lost F	eturns-\			eturns-1			E	oad & Bkdn xcess /Retu	rn BBI			Pad:Bbl - Calc.Disp	Bbl	38	
Cmt Fit Averag	trn#Bbl ie		Actua Frac.	Gradient				alc. TOC: reatment:	Gal - BBl			Actual Disp:Bbl	SD.	38	
	i: Instan	t	5 Min.	15	Min_		с	ement Slurr otal Volume	y BBI	72.5 , 4: #VALUE					
Frac R	ing #1	\$ 11 ADB LITER 16 建设	La Mark F.	ac;Ring;#2 ~	iifa ú	Je. F. M. 194	14.7° - 14.1	Frac Ring	gi# <b>3</b> %/6%/2.前			ç Ring#	4988.775	VARIAL TURE	
				EREIN IS COI	RE	CT		7		1.1	}	1 .			
CU	SIOM	ER REPRESI	ENTATIV					k	SISNATURE	<u>~1                                    </u>	<u> </u>	antin	<u>,                                     </u>		

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HALLIBUF	310			LOG			2760505	11/07/03
REGION Central Operations		Mid		tnent/U	SA		MC/Ks	HASKELL
MBU IÓ / EMPL#	322	H.E.S E	MPLOYEE N	WWE			PSL DEPARTMENT	<u> </u>
LOCATION	<u> </u>	COMPAN					Cement CUSTOMER REP / PHONE	
LIBERAL TICKET AMOUNT		PIO	VEER	NATUR	AL RES	OURCES	DAVID HIGGIN	IS 1-620-353-854
\$7,604.56				02 0	as			
WELL LOCATION Satanta, Ks		Cem	-				JOB PURPOSE CODE Cem	ent Surface Casing
LEASE NAME WRIGHT	Well No. 4-2	SEC / TW		AW	· ·		HES FACILITY (CLOSEST TO Liberal Ks	WELL'S
HES EMP NAME/EMP & (EXPOSURE HOURS)		ES EMP NAMER			HRS ES DAP	AME/EMP # (EXPOSU		RS PES ENP NAME/ENP ALEXPOSURE HOURS) HR
Mclane, D 106322	7,5							KECEIVED
Lemieux, M 266575	7.5							1111 0 0 0001
Nichols, J 288309	5					J		<del> JUL-0-6-2004 -</del>
······································						3 · · · · · · ·		KCC WICHIT
CHANGE AND	Rate	140.00	NAMES OF	TO THE STATE OF	NAME OF	N. W.		
Chartes,   Hime	2.1.30673	Volume	Rate	Pres:	s:(PSI) 穩		Job De	scription / Remarks
	PM) Hill	(BBL)	形 <b>N2</b>	MCso.	ATbg 3			
1630			<u> </u>			Called for	<del>*</del>	
1635				<b></b> _	<del> </del>		rip safety meeting	
1730				ļ <u>-</u> -		<del></del>		o job site assessment.
1740				<del>                                     </del>			k on location/riold :	safety meeting with driver
1730						<del></del>	th drilling and on b	ottom circulating
1900	-				<del>}</del> -	<del></del>		afety meeting with driver
, 1941					<del> </del>			tripping out drill pipe
2045						Drill pipe o	<u> </u>	
2050						Hold safet	y meeting and rig u	p casing crew
2100						Start runn	ing 8 6/8 casing and	d float equipment
2200	}					Casing on	bottom/Hook up pl	ug container and hose
2207			ļ				ump to break out fi	
2211							eturns and rig down	
2228				0/4500			dure for 8 5/8 surfac	ce
	5.0	5.0		0/1500 0/70		Pressure to	est lines water spacer	
	B.O	72.5		100/200			acks of cement @	12.3 #/gal
2241	3.0	42.0		175			acks of cement @	<u> </u>
2247				_			nixing cement	
2248						Shut down	and release top pl	ug
	3.0	38.0		0/60		Start fresh	water displacment	
,2252				60/120			ent caught cement	
	2.0			240/120		Slow down		
2301				250/700	-		d and pressure up	
2302				700/0		rerease pr	essure and float he	*IG
<del></del>	-+							
	$\dashv$						Circulater	1 15 Bbls to pit
<del></del>							On Canade	
	1							
							Thank you for	calling Halliburton
								and Crew
		1						

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#### Work Order Contract

#### HALLIBURTON

Order Number

2760505

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:

	0.0,00., 2.20,		,				
Well No.	Farm or Lease		County		State	Well Permit Number	
4-24	WRIGHT		HASKELL		Ks		
Customer	1	Neti Owner		,	Job Purpose		
PIONEER I	NATURAL RESOURCE	PIONEER I	NATURAL RESOURCES   Cement :			rface Casing	
		*** UO 14/00/1/	SCOOL AND THE OLONGED OFFICE	CE MODE	CCOMMENCE		

THIS WORK DEDER MUST BE SIGNED BEFORE WORK IS COMMENCED.

A COSTONIER REPRESENTATION - Customer warrants that the well is in proper condition to receive the services, equipment, products, and meterials to be supplied by Haliburton Energy Services, Inc. (herearester "Haliburton").

- B. PRICE AND PAYMENT The services, equipment, products, and/or materials to be supplied hereunder are priced in accordance with Hallburton's current price list. All prices are exclusive of taxes, if Customer does not have an approved open account, invoices are payable in cash at the time of performance of services or delivery of equipment, products or materiels. If 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 Hallburton employs an attorney fees or 20% of the unpaid account, or Hallburton'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 <u>RELEASE</u> 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 <u>DEFEND, INDEMNIFY, AND HOLD</u> Halliburton Group <u>HARMLESS</u> from and against any snd all liability, claims, costs, expenses, attorney fees and damages whatsoever for personal injury. Illness, death, properly damage and loss resulting from:

loss of well conflict services to control a wid 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.

CUTTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD MARKE. Sign obligations with apply even if the Rability and claims are caused by the sole, concurrent, active or passive negligence, fauth or strict Bability of one or more members of the Natiburton Group, the unseaworthless of any vessel or any defect in the data, products, supplies, materials or explanment furnished by any member or members of the Hallburton Group whether in the deepin, manufacture, maintenance or marketing thereof or from a failure to warm of such sefect, "Hallburton Group" is defined as Hallburton Energy Services, inc. he parent, subsidiary, and artifacted comparies, insurers and subcontractors and all latitudes officers, directors, employees, consustants and agents. <u>Customet's Relicited, DEFENSE, ROPENSETY AND HOLD HARMERS</u> obligations apply whether the personal liquiry, timess, death, property damage or loss is suffered by one or more members of the Hallburton Group, Customer, or any other person or entity. Customer agrees to support such obligations assumed herein with liability insurance with lixibility insurance with lixibility insurance with lixibility insurance with lixibility insurance of the Contractor and find the amounts of its insurance coverage, except where and es 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 Hallburton Group equipment lost or lodged in the well, if the equipment is recovered and repetrable, Customer shall pay the repeir costs, unless caused by Hallburton's sole negligence. If the equipment is not recovered or is irreparable, Customer shall pay the replacement cost, unless caused by Hallburton's sole negligence, if a radioactive source becomes lost or lodged in the well, Customer shall meet at requirements of Section 28.16(s) of the Nuclear Regulatory Commission regulations and any other applicable lews or regulations concerning retrieval or absolutoment shall permit Hallburton or monitor the recovery or abendomment efforts at at no risk or liability to Hallburton Group. Customer shall be responsible for damage to or loss of Hallburton group equipment, products, and materials while in transit abourd Customer-supplied transportation, even if such is arranged by corrodion or abrasion due to well effluents.
- and materials for thirty (30) days from the date of delivery. THERE ARE NO WARRANTIES, EXPRESS OR BIPLIED, 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, bort, breach of warranty or otherwise) arising out of the sale, lease or use or any equipment, products, or materials is expressly initied to the replacement of such on their return to
  Halburton or, at Halburton's option, to the allowance to Customer of credit for the cost of such items. In no event shall Halburton be fable for special, incidental, indirect, consequented, or puritive
  demages. Secause 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
  INTERPREITATION, 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 Halburton Group shall not be lable for and CUSTOMER SHALL
  INDEMNITY 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 members 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.

LIMIT'ED WARRANTY - Hallburton warrents only title to the equipment, products, and materials supplied under this Contract and that same are free from defects in workmanship

- 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. DISFUTE RESOLUTION Customer and Hallburton agree that any dispute that may arise out of the performance of this Contract shall be resolved by binding arbitration by a penel of three arbitrations under the rules or 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 Hallburton agree that any provision of this Contract that is unenforceable or void under applicable law will be modified to achieve the intent of the perfect hereunder to the greatest extent allowed by applicable law.
- MOCIFICATIONS Customer agrees that Relibution 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 Helibution. Requests for modifications should be directed to the Vice President - Legal, 4100 Clinton Drive, Houston, TX, 77020.

OF THE STATE OF TH	SOME, FACILITY (7000.
I HAVE READ AND UNDERSTAND THIS WORK ORDER CONTRACT WHICH CO	ONTAINS RELEASE AND INDEMNITY LANGUAGE WHICH
CUSTOMER ACKNOWLEDGES IS CONSPICUOUS AND/AFFORDS FAIR AND A	DEQUATE NOTICE AND I REPRESENT THAT I AM AUTHORIZED
SIGNED:  CUSTOMER Authorized Significity	DATE: 11/07/03 TIME:
Customer Acceptance of Materiels and Services	
THE CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE MATERIALS AND SERVICES DESCRIBED ON THE ATTACHED ORDER NUMBER 2760505	CtrSTOMER Authorized Signatory V

RECEIVED
JUL 0 6 2004
KCC WICHITA

#### **INVOICE**

## IBURTON

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

Wire Transfer Information Account Number: **ABA Routing Number:** 

Invoice Date: November 13, 2003

DIRECT CORRESPONDENCE TO RECEIVED

Liberal, KS 67905-1598

US

Tel: (620)624-3879 Fax: (620)624-9745 JUL 0 6 2004

KCC WICHITA

TO:

١,

PIONEER NATURAL RES U S A INC

ATTN: ACCOUNTS PAYABLE

5205 N O'CONNOR BLVD, STE. 1400

IRVING TX 75039-3746

Invoice Number: 92259866

Rig Name:

Well Name: PIONEER WRIGHT #4-24, HASKELL

Ship to: SATANTA, KS 67870

HASKELL

Job Date: November 11, 2003

Cust. PO No.:

Payment Terms: net due 45 days Quote No .: 21086787

Sales Order No.:

Manual Ticket No .: Shipping Point: LIBERAL Hwy 54 W. Ship Pt.

2765576

Ultimate Destination Country: US 304606

Customer Account No.:

Contract No.: Contract from: Contract to:

					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	40.000	мі		5.03	201.20	110.66-	90.54
	Number of Units	1	unit					
86955	ZI FUEL SURCHG-HEAVY TRKS >1 1 FUEL SURCHG-HEAVY TRKS >1 1/2 TON/PER MI	40.000	мі		0.24	9.60		9.60
	Number of Units	1	unit					
2	MILEAGE FOR CEMENTING CREW,ZI	40.000	мі		2.96	118.40	65.12-	53.28
	Number of Units	1	unit	,				
869:54	ZI FUEL SURCHG-CARS/PICKUPS < 1 FUEL SURCHG-CARS/PICKUPS < 1 1/2TON/PER/MI	40.000	мі		0.08	3.20		3.20
	Number of Units	1	unit			ļ		
16091	ZI - PUMPING CHARGE 001-016	1.000	EA		2,470.00	2,470.00	1,358.50-	1,111.50
	DEPTH	2,800						
	FEET/METRES (FT/M) 001-018 / CSG PUMPING,ADD HR.ZI	FT						
16092	ADDITIONAL HOURS (PUMPING EQUI	1.000	EA hr			0.00		0.00

## INVOICRECEIVED

## HALLIBURTON

JUL 0 6 2004

KCC WICHITA

Continuation

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

Invoice Number: 92259866 Invoice Date: November 13, 2003 Base Unit Gross Net QTY UOM Discount Material Description Amount Amount Amount Amount 132 PORTABLE DAS,/DAY/JOB,ZI 1.000 JOB 916.00 916.00 503.80-412.20 045-050 NUMBER OF DAYS Days 1.000 EA 142 AXIAL FLOW MIXER, W/O ADC, /JOB, 633.00 633.00 348.15 284.85 046-070 NUMBER OF JOBS Job 74038 ZI PLUG CONTAINER RENTAL-IST D 1.000 EΑ 733.00 733.00 403.15 329.85 Days DAYS OR FRACTION (MINI) \*100003142 PLUG,CMTG,TOP AL,5 1/2 13-23# 1.000 EA 126.50 126.50 69.58 56.92 402.1505 / PLUG - CMTG - TOP ALUM - 5-1/2 13-23# / & 5-3/4 19.5-22.5# \*100004723 SHOE - GUIDE - 5-1/2 8RD 1.000 EA 214.70 214.70 118.08 96.62 12A825.205 / SHOE - GUIDE - 5-1/2 8RD 1.000 EA \*100076173 FLOAT-IFV,5 1/2,8RD,LG.8RD & B 264.60 264.60 119.07 145.53 VALVE ASSEMBLY, INSERT FLOAT, 5-1/2 / 14-23 LBS/FT, 8RD, LG 8RD AND BUTTRESS \*100013930 FILUP ASSY,1.250 ID,4 1/2,5 IN 1.000 EA 64.00 64.00 28.80-35.20 27815,19113 / FILLUP ASSY -1.250 ID - 4-1/2 - / 5 IN. INSERT FLOAT VALVE 12.000 EA \*100004476 CTRZR ASSY,5 1/2 CSG X 7 7/8 H 76.23 914.76 411.64 503.12 806.60022 / CENTRALIZER ASSY -API - 5-1/2 CSG X / 7-7/8 HOLE -HINGED - W/WELDED / IMPERIAL BOWS \*100004639 COLLAR-STOP-5 1/2"-W/DOGS 1.000 EA 40.70 40.70 18.32-22.38 XXXXXXX 806.72730 / CLAMP -LIMIT - 5-1/2 - FRICTION - / W/DOGS \*100005045 KIT, HALL WELD-A 1.000 EA 36.86 36.86 16.58-20.28 KIT, HALLIBURTON WELD-A

# INVOICE RECEIVED

Continuation

JUL 0 6 2004

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

KCC WICHITA

Invoi	ce Date: November 13, 2003				Invoice 1	Number: 92	259866	
Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
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
*66994	SBM Modified Hall Light Cmt Pr 504-112	380.000	SK		22.13	8,409.40	4,625,17-	3,784.23
*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	13.000	SK		119.47	1,553.11	854.21-	698.90
*100005049	Chemical - Flocele (25 lb sk)  XXXXXXX 890.50071 / FLOCELE  - 3/8 - 25 LB SACK	140.000	LB		2.72	380.80	209.44-	171.36
*100003700	Chem- Gilsonite (Bulk) 508-292 516.00337 / CHEMICAL - GILSONITE - BULK	2,800.000	LB		0.79	2,212.00	1,216.60-	995.40
*100003646	CHEMICAL - HALAD-322 - 50 LB S 507-775516.00144 / CHEMICAL - HALAD-322 - 50 LB SACK	309.000	LB		10.32	3,188.88	1,753.88-	1,435.00
3965	HANDLE&DUMP SVC CHRG, CMT&ADDI 500-207	857.000			2.82	2,416.74	1,329.21	1,087.53
76400	NUMBER OF EACH  ZI MILEAGE,CMT MTLS DEL/RET MI  500-306 / MILEAGE,CMTG MTLS  DEL/RET PER/TON MI.MIN	1 727.000			1.72	1,250.44	687.74-	562.70
87605	NUMBER OF TONS  ZI FUEL SURCHG-CMT & CMT ADDIT  FUEL SURCHG-CMT & CMT  ADDITIVES/PER TNM	1.00 727.000			0.08	58.16		58.16
1	NUMBER OF TONS	1.00	ton					

#### **INVOICE**

RECEIVED

Continuation

Halliburton Energy Services, Inc.

111 06 2004

				1				
	3, 2003			Base	Unit	Gross		Net
Description					Amount	Amount	Discount	Amount
Total Sales Toy - State	<u>/R</u>				<b>)</b>	30,349.05	16,499.39-	 13,849. 518.
Sales Tax - County								48.
INVOICE TOTAL	H	JGOT	NC	PROD				14,416. US Dolla
		:						
					ı			
					2007		,	
		LSE	WEIL	G		Amount Svc	Date UD 3	
						BC 12/3/	03	
	Description  Total Sales Tax - State	Total Sales Tax - State Sales Tax - County	Description  Description  Description  QTY  REC  NOV  INVOICE TOTAL  NOV  NHDCO  HUGOTO	P.O. Box 203143, Houston, TX 77216-3143  Total Sales Tax - State Sales Tax - County  INVOICE TOTAL  PEC F  Total Sales Tax - HUGONT HUGONT HUGONT HUGOTON	P.O. Box 203143, Houston, TX 77216-3143  Total Sales Tax - State Sales Tax - County  INVOICE TOTAL  PROD  RECE VEI  NOV 2 1 2003  NHDCONTINENT HUGOTON PROD	Description  RECE VED  Total Sales Tax - State Sales Tax - County  INVOICE TOTAL  VENDOR  VENDOR  VENDOR  OUT 1  Seles Tax - State Sales Tax - County  NOV 2 1 2003  NOV 2 1 2003  VENDOR  VENDOR  OUT 1  Seles Tax - County  VENDOR  OUT 1  Seles Tax - County  NOV 2 1 2003   P.O. Box 203143, Houston, TX 77216-3143  To Date: November 13, 2003  RECEVED  Description  QTY UON Amount Amount Gross Amount  Sales Tax - State Sales Tax - County  INVOICE TOTAL  NOV 2 1 2003  VENDOR  VENDOR  VENDOR  UNIT GROSS Amount  30,349.05  VENDOR  VENDOR  UNIT GROSS Amount  VENDOR  VENDOR  USA MOUNT SERVER  VENDOR  USA MOUNT SERVER  VENDOR  VENDOR  VENDOR  USA MOUNT SERVER  VENDOR  USA MOUNT SERVER  VENDOR  VEN	P.O. Box 203143, Houston, TX 77216-3143   P.D. Box 20314, Houston, TX 77216-3143   P.D. Box 20314, Houston, TX 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.

## SALES ORDERECEIVED JUL 0 6 2004 KCC WICHITA

Halliburton Energy Services, Inc.

Sales Order Number: 2765576 Sales Order Date: November 09, 2003

SOLD TO:

PIONEER NATURAL RES U S A INC

A/P DEPT

5205 N O'CONNOR BLVD ST 1400

IR'VING TX 75039-3746

USA

SHIP TO:

PIONEER WRIGHT #4-24, HASKELL

WRIGHT

SATANTA KS 67870

USA

Rig Name:

Well/Rig Name:

PIONEER WRIGHT #4-24, HASKELL

Company Code:

1100

Customer P.O. No.:

NA

Shipping Point:

Liberal, KS, USA

Sales Office:

Mid-Continent BD

net due 45 days

Well Type:

Gas

Well Category:

Development

0037

Service Location: Payment Terms:

Ticket Type:

Services

Material	Description	YTD	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
7523	PSL - CMT PRODUCTION CASING - BOM	1.0	ОЈОВ					
	1P035			;		,		
1	"ZI-MILEAGE FROM NEAREST HES	40.000	MI		5.03	201.20	110.66-	90.54
	Number of Units	i	unit					
86955	ZI FUEL SURCHG-HEAVY TRKS > 1 1/2 FUEL SURCHG-HEAVY TRKS > 1 1/2 TON/PER MI	40.000	мі		0.24	9.60	}	9.60
	Number of Units	1	unit					
2	MILEAGE FOR CEMENTING CREW.ZI	40.000	МІ		2.96	118.40	65.12-	53.28
	Number of Units	1	unit					
86954	Z.I FUEL SURCHG-CARS/PICKUPS < 1 FUEL SURCHG-CARS/PICKUPS < 1 1/ZTON/PER/MI	40.000	мі		0.08 (	3.20		3.20
·	Number of Units	1	unit					
16091	ZI - PUMPING CHARGE	1.000	EA		2,470.00	2,470.00	1,358.50-	1,111.50
	DEPTH	2,800						
	FEET/METRES (FT/M)	FT		ı				•
16092	ADDITIONAL HOURS (PUMPING EQUIPMENT), ZI	1.000	EA					
	001-018 / CSG PUMPING,ADD HR,ZI					j	ļ	

Halliburton Energy Services, Inc.

Sales Order Number: 2765576 Sales Order Date: November 09, 2003

Managal	Constitution	OTY		Base	Unit	Gross		Net
Material	Description	QTY	UOM	Amount	Amount	Amount	Discount	Amount
132	PORTABLE DAS,/DAY/JOB,ZI	1.000			916.00	916.00	503.80-	412.20
	NUMBER OF DAYS	ı	Days					
142	AXIAL FLOW MIXER, W/O ADC, /JOB, ZI 046-070	1.000	EA		633.00	633.00	348.15-	284.85
	NUMBER OF JOBS	1	Joh			1		
74038	ZI PLUG CONTAINER RENTAL-IST DAY DAYS OR FRACTION (MIN1)	1,000	EA Days	733.00	733.00	733.00	403.15-	329.85
100003142	PLUG,CMTG,TOP AL,5 1/2 13-23# & 5	1.000	EA		126.50	126.50	69.58-	56.92
	402.1505 / PLUG - CMTG - TOP ALUM - 5-1/2 13-23# / & 5-3/4 19.5-22.5#		) 1					
100001585	CHEM-KCL POTASSIUM CHLORIDE - 50#	250.000	LB		0.62	155.00	85.25-	69.75
	70.15302 / CHEMICAL - KCL POTASSIUM CHLORIDE - / 30 LB SACK OR BAG							
100004723	SHOE - GUIDE - 5-1/2 8RD	1.000	EA		214.70	214.70	96.62-	118.08
•	12A825.205 / SHOE - GUIDE - 5-1/2 BRD			Ì				
100076173	FLOAT-IFV,5 1/2,8RD,LG,8RD & BUTRS	1.000	EA		264.60	264.60	119.07-	145.53
	VALVE ASSEMBLY, INSERT FLOAT, 5-1/2 / 14-23 LBS/FT, 8RD, 1.G 8RD AND BUTTRESS			}				
100013930	FILUP ASSY,1.250 ID,4 1/2,5 IN INSR	1.000	EA		64.00	64.00	28.80-	35.20
1	27815.19113 / FILLUP ASSY - 1.250 ID - 4- 1/2 - / 5 IN. INSERT FLOAT VALVE							
Ì	CTRZR ASSY,5 1/2 CSG X 7 7/8 HOLE,HINGED	12.000	EA		76.23	914.76	411.64-	503.12
	806.60022 / CENTRALIZER ASSY - API - 5-1/2  CSG X / 7-7/8 HOLE - HINGED - W/WELDED /  IMPERIAL BOWS							
00004639	COLLAR-STOP-5 1/2"-W/DOGS	1.000	EA		40.70	40.70	18.32-	22.38

Halliburton Energy Services, Inc.

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Sales Order Number: 2765576 Sales Order Date: November 09, 2003

Name - i - i	Parasiasias	QTY	LION	Base	Unit Amount	Gross	Diagram	Net
Material	Description  XXXXXXX 806.72730 / CLAMP - LIMIT - 5-	411	UOM	Amount	Amount	Amount	Discount	Amount
	1/2 - FRICTION - / W/DOGS							
	The Thieffelt of Wildel							
100005045	KIT,HALL WELD-A	1.000	EA		36.86	36.86	16.58-	20.28
ı					}			
	KIT, HALLIBURTON WELD-A	1			}			
			[ ]			_		
66994	SBM Modified Hall Light Cmt Prem	380.000	SK		22.13	8,409.40	4,625.17-	3,784.23
	Plus		lľ					
	504-112	}						
100012205	Cement- Class C / Premium Plus	180.000	SK		22.10	3,978.00	2,187.90-	1,790.10
	(Bulk)					i		
	504-050516.00265 / CEMENT - CLASS C -							
	PREMIUM - BULK							
.00005057			211	}				
100000003	Chemical - Calcium Chloride Hi Test Plt	13.000	SK		119.47	1,553.11	854.21-	698.90
	509-406890.50812 / CALCIUM CHLORIDE - HI	İ						
	TEST PELLET - / 94-97% CACL 2 - 80# BAG	1						
1						1		
00005049	Chemical - Flocele (25 lb sk)	140.000	LB		2.72	380.80	209.44-	171.36
}	•			ĺ	j		ĺ	
1	XXXXXXX 890.50071 / FLOCELE - 3/8 - 25					Ī	1	
ĺ	LB SACK	1					ļ	
00003700	Chem- Gilsonite (Bulk)	2,800.000	LB .	]	0.79	2,212.00	1,216.60-	995.40
)	Chem- Gravina (Bark)	2,000.000		]	0.17	2,212.00	1,210.00-	993.40
	508-292 516.00337 / CHEMICAL - GILSONITE -					1		
l	BULK			1				
			1			Į	1	
00003646	CHEMICAL - HALAD-322 - 50 LB SACK	309.000	LB		10.32	3,188.88	1.753.88-	1,435.00
j	FOR THE LAND AND AND AND AND AND AND AND AND AND						Ì	
	507-775516.00144 / CHEMICAL - HALAD-322 - 50 LB SACK						İ	
J.	SV BIV BIVON		]	İ	f	ļ		
965	HANDLE&DUMP SVC CHRG,	857.000	CF	}	2.82	2,416.74	1,329.21-	1,087.53
	500-207				j		1	
[1	NUMBER OF EACH	1	each				İ	
	TI NU CACE CHE NEELS DELINES AND	<b>300 000</b>					40	
ſ	ZI MILEAGE, CMT MTLS DEL/RET MIN	727.000	MI		1.72	1,250.44	687.74-	562.70
	500-306 / MILEAGE,CMTG MTLS DEL/RET PER/TÓN MLMIN						ļ	
	NUMBER OF TONS	1.00	ton					
1.		1			}	ì	1	

Halliburton Energy Services, Inc.

Material	Description	ату_	иом	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
87605	ZI FUEL SURCHG-CMT & CMT ADDITIVES	727.00	МІ		0.08	58.16		58.16
	FUEL SURCHG-CMT & CMT ADDITIVES/PER TNM NUMBER OF TONS	1.00	ton		f I			
	SALES ORDER AMOUNT Sales Tax - State Sales Tax - County					30,349.05	16,499.39-	13,849.66 518.18 48.88
	SALES ORDER TOTAL							14,416.69 US Dollars
	Total Weight: 59,353.04 LB							
		ì						
:						·		
·							·	
INVOICE INS	FRUCTIONS:				<u>-</u>			

Halliburton Energy Services, Inc.

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Sales Order Number: 2765576 Sales Order Date: November 09, 2003

Material	D	escription	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
	SALES ORDER AI Sales Tax - Si Sales Tax - Ci	tate					29.672.25	16,133.36-	13,538.89 518.15 48.88
	SALES ORDER TO	DTAL							14,105.92 US Dollars
:	Total Weight:	59,353.04 LB							
			A	<b>~1</b>	ORIG	NAL			
			Æ						
}									

		}
INVOICE INSTRUCTIONS:		
Operator Name: Customer Agent:	Halliburton Approval: X Customer Signature: X	
	Page 4 of 4	

HALLIBÛRTOI	JL V	OB SUMN	/AR	Y			276	мвек 5576		TICKET DATE	11/11/03	3
Central Operations		Mid Contitnen					MC/Ks			COUNTY HASKEL	L	
MBU 10 / EMPL # MC1_10110 / 217398		HES EMPLOYEE NAME Mickey Cochri	an				PSL DEPARTMENT Cement	т				
LIBERAL		PIONEER NAT		RES	OURCES	3	DAVID H	PHONE			1-620-3	 53-8548
TICKET AMOUNT \$14,105.92	v	WELL TYPE 02 Gas					API/UWI #					<u> </u>
NORTH OF SATANTA, KS		DEPARTMENT ZI			· ·		5AP BOMB HUMB 7523	ER	C	ement Pro	duction Ca	sing 🔻
LEASE NAME		SEC/TWP/RNG 24 - 29S - 34W	1		<del></del>		HES FACILITY (CL		L SIT	E)	*	
WRIGHT HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	24 - 255 - 54VV		HRS			Liberal, i		RS	RF	CEIVE	D HR
Coctiran, M 217398	9.0								4			01
Tate, N 105963 Slater, J 106095	9.0									JUL	0 6 20	U4
Archuleta, M 226383  H.E.S. UNIT #5 / (R / T MILES) R / T	MILES		RIT	MILES				R/TMI	LES	WC:C	: WICI	HTATMIL
10415642	0	<del></del>						T	I			
	0		_					<del>-  </del>	$\dashv$			
0243558/10011277 2	0								1			
Form, Name From, Thickness From	Type: m	To		Cal	ed Out		On Location	n J	ob	Started	Job C	ompleted
Packer Type Bottom Hole Temp.	Set At Pressu	īe .	Date		11/11/2003		11/11/2	2003	1	1/11/2003	111/	11/2003
Retainer Depth	Total D	epth	Time	7645144	1130	SWASS	1430	lata & WES	th's	2107		230
Type and Size C	ty	Make		-	New/Use			Size Grad		From	То	Max. Allow
Float Collar INSERT Float Shoe	1 H	0	Casing Liner				1/#	5 1/2	$\pm$	•	2,993	
0.011110100000	2	W	Liner Tubing			$\dashv$			7			
HEAD	1 Н	0	Drill Pip	Эe		二		7 7/8"	7			Ch -4-//-
Weld-A		O W	Open Perfora	tion:				1 1/0	$\pm$			Shots/Ft.
BTM PLUG		C	Perfora Perfora	tion	S				+			<u> </u>
Mud Type Den		Metabellasia (+ 35) Lb/Gall	Hours' Date	Onl	ocation *** Hours	6985°	Operating Date	Hours Hours	<b>8</b> 4.7			
	nsity	Lb/Gal	11/1	1	9.0		11/11	1.0	7	Cement	Production	n Casing
Prop. Type Size		Lb		コ					╛			
Acid Type Gal. Acid Type Gal.		%				t			╛			
Surfactant Gal. NE Agent Gal.		In				ŀ			1			
Fluid Loss Gal/Lb Gelling Agent Gal/Lb		In		$\dashv$		-			$\exists$			
Fric. Red. Gal/Lb		In	aTotal and	A Cathod	9.0	ţ	Total एक क्ष्म	1.0	7		7.42.	
Blocking Agent	Gal/Lb . Qty.		E000()23				Hydraulic		<u></u>	riosi		
Other	———	-	Ordere	d			Avail.			Use	d	<del></del>
Other			Treating	<u> </u>			Average: Disp.			Overall		
OtherOther	<del></del>		Feet	23		ñ	жСетепt Reason	Left in Ri	pe,		E JOINT	
	TOTAL COLUMN		m-a		A CO SASSYMPTAY		**************************************	NATION OF SERVICE		*********	There was noted	THE COMPANY OF THE
Stage Sacks Cement Bul	k/Sks		Additives	3						W/Rq.	. Yield	Lbs/Gal
1 360 MHLC C 2 180 PREM PLUS C		8% TOTAL GEL - 54 5# GILSONITE - 2%						2 - 1/4# FL	<u>oc</u>	El 10.48 6.98	2.10 1.51	12.60 14.50
3 20 MHLC C		B% TOTAL GEL - 5/	#GILSON	IITE	- 2% CC - 6/	10%	HALAD-32	2 - 1/4# FL	OC	El 10.48	2.10	12.60
										1		
	Displace	ement	Sun		r <b>v.)</b> Preflush:		BBI	Harry Land Street	TO P	Type:		
	MAXIMI Lost Re	UM turns-1			∟oad & Bkd Excess /Ret					Pad:Bbl Calc.Dis		
	Actual T Frac. G	radient			Calc. TOC: Treatment:	(	Gal - BBI			Actual D Disp:Bb	Disp.	71
Shut In: Instant	5 Min.	15 Min			Cement Slu Fotal Volum		BBI BBI	183.0 254.0	_			
Frac Ring #1 Prison of Both Control of B				# L	Prac Ru	ng:#	3,770,000	1972 or 1980	i/[F	rac Ring	华4小时的	<b>沙沙""高海河</b>
THE INFORMATION STAT CUSTOMER REPRESENT			ECT	1	) a	nd	1/1					
TOO TOWER NEFTEDEN!	~ · · · ·			<u>~~</u>			GNATURE	<u>' UM</u>	M	m	~~~~	
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			·.									

,							**************************************	TICKET #	TICKET DATE				
HALL	IBL			JOB	LOG			2765576	11/11/03				
REGION Central O	noration		· · · · · ·	Conti	tnent/U	SΔ		MC/Ks HASKELL					
ABU ID / EMPL #			HES E	MPLOYEE	WAE	<u> </u>		PSL DEPARTMENT Cement	77774				
MCLI0110 LOCATION	/ 21/39	В	COMPA	~	ochran			CUSTOMER REP / PHONE					
LIBERAL TICKET AMOUNT			PIO	NEER YPE	NATUR	AL RES	<u>OURCES</u>	CES DAVID HIGGINS 1-620-353-8548					
\$14,105.92	?				02 (	3as		JOB PURPOSE CODE					
MELL LOCATION NORTH O	F SATA	NTA, KS	DEPART					Ceme	nt Production Casing				
EASE NAME WRIGHT		Well N	D. SEC/T	MP/RNG 295 - 3	4W			HES FACILITY (CLOSEST TO					
ES EMP HAMEADAP A (E)	APOSURE HOURS)		S ES DIP HINE	OMP # (EXPOS)	REHOURS)	HRS HES EMP)	MEERN & EDOCON	FE HOURS) HE	S ES ENP NAMEENP & (EXPOSED A MANAGE TO VIEW				
Cochran, M	217398	9							- JUL 0 6 2004				
Tate, N 105			1			<del>                                     </del>	<del></del>						
Slater, J 10			<b> </b>			<del>   </del>	<u></u>		- KCC WICH				
Archuleta,			( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )	3 40064	4902364	XII THE	Sociena	PROPERTY OF A	CEPENDED TO A CONTROL OF THE PERSON OF THE P				
(Chart	Time	Rate	Volume	Rate	Pres	s:(PSI)		Job De	scription / Remarks				
No.	温泉	(BPM)	(BBL)(GAL)	£ N2 €	Lecso.	塞 Tbg 担		\$1.793878947UP2P4P40V744P477X7X	The state of the s				
and the same parties have been	1530	-New York			Party of the last				B READY				
		****	40.80	1200					THE REPORT OF THE PERSON OF THE				
	1200 1430		┼	┿	<del> </del>	<del>                                     </del>		SAFTY MEETING ON LOCATION					
	1435	-		<del>                                     </del>		<del> </del>	<del>†                                     </del>		/ HALLIBURTON CREW				
	1445		<del>                                     </del>			<u> </u>	SPOT EQ						
	. 1450						RIG UP EC	QUIPMENT					
			ļ	↓		ļ	<u> </u>	<del></del>					
	1700 2000		<del> </del>	<del> </del>	<b></b>	<b></b>	START CA		CULATE W/ RIG PUMP(S)				
	2000	<del> </del> -	<del> </del>	<del> </del>		<del> </del>	CASING	M BOT FOM & CIRC	DERTE WITH RIGHT OMP(S)				
	2107	2.0	6.0	1	100		PLUG RAT	T & MOUSE HOLES					
	2120				2500		PRESSUR	E TEST PUMPS & L	INES				
	2126	6.0	134.0		434	1		AD CEMENT 360 S					
	2153	6.0	48.0	ļ	200			ALL CEMENT 180 SK	(S @ 14.5#				
	2203 2205			-		<del>                                     </del>		MN & DROP PLUG					
	2210	6.5	71.0		0			SPLACEMENT W/ 1	% KCL H2O				
	2211	6.5	6.0		200		DISPLACE	MENT CAUGHT CE	MENT				
	2221	2.0	61.0		775		SLOW RA						
	2226	2.0	71.0		1400	}	BUMP PLU	JG FLOAT HELD					
	2228	<del></del>	<b></b> -		<u> </u>	}	END JOB	FLOAT NELD					
		_											
					885		PRESSUR	E BEFORE PLUG L	ANDED				
			ļ	<b> </b>			CIRCULAT	ED CEMENT TO P	<u>T</u>				
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			<u> </u>				L	MICKE	EY & CREW				

2765576

ORDER NUMBER

#### **Work Order Contract**

Order Number

2765576

Halliburton Energy Services, Inc. Houston, Texas 77056

70012 BAP								
TO: HALLI	BURTON ENERGY SER	VICES, INC YOU	ARE HEREBY REQUES	TED TO FURNIS	H EQUIPME	NT AND SERVICE PERSON	NEL TO	
					MER LISTED	BEEOW AND DELIVER AN	D SELL	
		) MATERIALS FOR	THE PURPOSE OF SER	VICING:				
Well No.	Farm or Lease		County		State	Well Permit Number		
4-24	WRIGHT	2	HASKELL		Ks	.1	ľ	
Customer		Well Owner			Job Purpose			
PIONE:E	R NATURAL RESC	URCEPIONEER	NATURAL RESOU	RCES 3046	Cement F	Production Casing	ĺ	
		THIS WORK	ORDER MUST BE SIGNED	BEFORE WORK	IS COMMENC	ED		
		warrants that the well is in pi	oper condition to receive the serve	ces, equipment, produ	ts, and materials t	o be supplied by Hallburton Energy Serv	Aces, Inc.	
(hereinafter "Hi		administration of the second s	torinir to be remaind been made on					
			terials to be supplied hereunder ar Hallburton, all sums due are payat					
						pay interest on any unpaid balance	RECEIV	/ヒリ
			it never to exceed 18% per annum				_	
ccount. Custo	omer agrees to pay attorney fees o	of 20% of the unpaid account				on and court costs. Customer agrees	001	1007
	of attorney fees set out herein an						JUL 067	2009
. RELEASE	AND INDEMNITY - Customer a	grees to <u>RELEASE</u> Hallibu	rton Group from any and all lial	bility for any and all	iamages whatso	ever to property of any		
			persons and entities Customer <u>END, INDEMNIFY, AND HOLD</u> H				KCC WIC	'HIT
			er for personal injury, illness, de				MOO AAIC	<i>)</i>
	of course or better of course of course	e and azmegod amandor.	ir vor paraditar injury, mirose, a	secut brobarty dented	A 2110 1045 14801	ting from.		
	loss of well control; services	o control a wild well whether i	inderground or above the surface:	reservoir or undergrou	ind damage, includ	ing loss of oil, gas, other mineral		
					face trespass or a	my action in the nature thereof; fire:		
	explosion: subsurface pressu	re: radioactivity, and pollution	and contamination and its cleanup	and control.				
			ll apply even if the Hability and claims Broup, the unserworthiness of any ve					
			p whether in the design, manufacture,					
			c., its parent, subsidiary, and affiliated					
			DEFENSE, INDEMNITY AND HOLD HA					
			the Halliburton Group, Customer, or a					
			00,000. Customer agrees to name Hall					
	blicy(s). Customet agrees that its liab or for the provisions of this Contract		nated by the amounts of as areurance	constable excels agrees	end at may be tedn	fred by		
			to correspond and Mattheway Corp. of	un formant lant or taston	dia Arrana Mara	equipment is recovered and repairable,		
stomer shall p	av the receir costs unless cause	i by Hallhuston's sole neolog	nce. If the environment is not recover	rod or is imprended. O	PRIVATE WED. IT THE	equipment is recovered and repairable, the replacement cost, unless caused by	Lieffh	
de negligence.	If a radioactive source becomes i	ost or lodged in the well. Cust	omer shall meet all requirements of	f Section 39 15(a) of t	se Nuclear Regular	tory Commission regulations and any of	OCCUPATION OF THE PROPERTY OF	
ms or regulation	ns concerning retrieval or abendor	vnent and shall permit Halibu	rton to monitor the recovery or abs	andonment efforts all a	no risk or lability	b Hallburton Group, Customer shall be		
sponsible for d	amage to or loss of Halliburton gro	oup equipment, products, and	materials while in transit aboard O	ustomer-supplied frens	portation, even if s	such is arranged by Hallburton at Custor	ments	
quest, and duri: LIMITED	ng loading and unloading from suc	n transport. Customer will als	o pay for the repair or reptacement	t of Halliburton group e	quipment damaged	by corrosion or abrasion due to well eff	luents.	
	WARRANTY - Halburton warrar	its only title to the equipment,	products, and materials supplied u	nder this Contract and	that same are free	from defects in workmanship		
THEXWESS RE	or miny (30) days from the date FYOND THOSE STATED IN THE	Of delivery. THERE ARE N	O WARRANTIES, EXPRESS OR G SENTENCE. Halliburton's sol	IMPLIED, OF MERCH	ANTABILITY, FIT	NESS OR		
tion (whether in	contract tort breach of warman	or otherwise) arising out of (	he sale leese or use or environment	nersi nookute oo met	mers exclusive r	emedy in any cause of Initial to the replacement of such on thei		
diburton or, at	Hallourton's option, to the slower	ce to Customer of credit for t	he cost of such items. In no event	shell Hallburton he lieb	le for special incid	inved to the replacement of soon on grei lantal, indirect, consequential, or punitive	r return to	
mages. Bucau	se of the uncertainty of variable w	ell conditions and the necess	ty of relying on facts and supportin	d services furnished b	others HALLIE	URTON IS UNABLE TO	,	
UARANTEE	THE EFFECTIVENESS OF	F THE EQUIPMENT, MA	NTERIALS, OR SERVICE, N	IOR THE ACCURA	CY OF ANY C	HART		
TERPRIETA	ITION, RESEARCH ANALY	SIS, JOB RECOMMEN	DATION OR OTHER DATA	FURNISHED BY	HALLIBURTO	GROUP, Halliburton		
rsonnei wili use	their best efforts in gathering suc	n information and their best j	adgment in Interpreting it, but Custo	mer agrees that Hallb	urton Group shall n	of be liable for and CUSTOMER SHALL	L	
DEMNIFY HAL	LIBURTON GROUP AGAINST	MY DAMAGES ARISING F	ROM THE USE OF SUCH INFOR	MATION, even if suc	h is contributed			
	of data transmitted by ele	egugence, must or son	tellbustes will set be seen	or members of Ha	illiburton Grod	ip. Halliburton also does not w local interception of such data	arrant	
rd parties.	or care dansinual by en	addisc process, and r	amburton will not be resp	ouzine tot accid	ental or intent	ous interception of such data	by	
	NING LAW - The validity interpre	bation and construction of this	Contract shall be determined by #	a laus of the initialist	n uboro bo coná	ces are performed or the equipment or		
ertais are delly	vered.	2201010101010101010101	Contract shall be determined by t	A MAN ON THE PURISONCE	AI MIND O THE SHIVE	ses are bestormed or the editioneut or		
DISPUTI	E RESOLUTION Customer and H	alliburton agree that any disp	ute that may arise out of the perfor	mance of this Contrac	bevioser ed farts t	by binding arbitration by a penci of three		
pators under t	the rules or the American Arbitratio	on Association. The arbitratio	n will take place in Houston, TX.	*				
SEVERA	BILITY - if any provision or part th	erect of this Contract shall be	e held to be invalid, void, or of no e	ffect for any reason, s	ich holding shall no	at be deemed to affect the validity of		
remeining prov	disions of this Contract which can	be given effect, without the in	valid provision or part thereof, and	to this end, the provisi	ons of this Contrac	t are declared to be severable.		
ecimerenii Haa ntalkoweki by e	RULFION agree that any provision o	I this Contract that is unerifor	ceable or void under applicable lav	will be modified to ac	tieve the intent of t	he parties herounder to the greatest		
		isliburion shall not be bound	by any modifications to this Contra	eri annord uduana erieda	madfination in	de in writing by a duly authorized executi		
alliburton. Req	juests for modifications should be	directed to the Vice Presider	t - Legal, 4100 Clinton Drive, Hous	ston. TX. 77020	modançenon is ma	one in withing by a duly anthorized execution	ve afficer	
							<del></del>	
			RACT WHICH CONTAINS F					
STOMER A	CKNONLEDGES 16 CONS	PICUOUS AND AFFOR	DS FAIR AND ADEQUATE	NOTICE AND I R	EPRESENT TI	KAT I AM AUTHORIZED		
SIGN THE	SAME AS CUSTOMER'S A	GENT.						
	, <u> </u>	1, 1 11	•					
SIGNED	i h lon	JMI Ide	AALL DATE:		11/11/03	TIME: 15:30		
		ER Authorized Signatory	VV~			10,00		
				<del></del>		<del></del>		
wmer ACC	eptance of Materiels and S	ervices	<u> </u>	<del>\</del>		4		
CUSTO	MER HEREBY ACKNOW	ILEDGES RECEIPT	OF THE	. \ \ \	-1 $1$ $1$		<u>-</u>	
		_			411			
I ENIMLO	AND SERVICES DESCR	HOLU ON THE ATT	NUMED I	I GAZIII	71.1.	(1)		

CUSTOMER Authorized Signetory