

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

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: CHEYENNE

License: 33375

Wellsite Geologist: _____

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIOW 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. _____

<u>04/03/05</u>	<u>04/06/05</u>	<u>NOT COMPLETED</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API NO. 15- 15-187-21048-0000

County STANTON

SW - NE - NE Sec. 32 Twp. 27S S. R. 40W E W

1250' FNL Feet from S/N (circle one) Line of Section

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

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name CROSS Well # 4-32

Field Name PANOMA

Producing Formation COUNCIL GROVE

Elevation: Ground 3264' Kelley Bushing 3269'

Total Depth 2915' Plug Back Total Depth 2888'

Amount of Surface Pipe Set and Cemented at 725' 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 cmnt.

Drilling Fluid Management Plan A17 1 NCR 8-11-08
(Data must be collected from the Reserve Pit)

Chloride content 1000 ppm Fluid volume 3000 bbls

Dewatering method used DRY OUT/EVAPORATION/BACKFILL

Location of fluid disposal if hauled offsite:

Operator Name PIONEER NATURAL RESOURCES

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ E W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Linda Kelly

Title ENGINEERING TECH Date 07/21/05

Subscribed and sworn to before me this 21st day of July

20 05
Notary Public, State of Texas
My Commission Expires April 02, 2009

Date Commission Expires 7/2/09

KCC Office Use ONLY

NO Letter of Confidentiality Attached
If Denied, Yes Date: _____

Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name PIONEER NATURAL RESOURCES USA, INC. Lease Name CROSS Well # 4-32

Sec. 32 Twp. 27S S.R. 40W East West County STANTON

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	CHASE	2190'	MD
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	KRIDER	2227'	MD
List All E.Logs Run:		FT. RILEY	2389'	MD
DUAL SPACE NEUTRON LOG		COUNCIL GROVE	2487'	MD
CEMENT BOND LOG				

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
SURFACE	12-1/4"	8-5/8"	24#	725	LT. PREM+	375	2%CaCl2
PRODUCTION	7-7/8"	5-1/2"	15.5#	2911'	LT PREM+	485	2%CaCl2

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

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	2484' -2588'	ACDZ 3500 GAL 15% HCLFe. FLSH 59	
		BBL 2% KCL. FRAC 57000 GAL 70Q N2	
		WFG-R11, FLS 6700 GAL. 15000#	
		white sand, 103,000# 16/30 brn sand	

TUBING RECORD	Size	Set At	Packer At N/A	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. not completed	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio 0

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

Vented Sold Used on Lease Open Hole Perforation Dually Comp. Commingled 2484' - 2588'

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

HALIBURTON JOB SUMMARY

SALES ORDER NUMBER
3637913

TICKET DATE
04/03/05

REGION Central Operations	M/WA / COUNTRY Mid Continent/USA	BDA / STATE MC/Ks	COUNTY STANTON
M/U ID / EMPL # MCLIO104 212723	H.E.S. EMPLOYEE NAME JERRAKO EVANS	PSL DEPARTMENT Cement	ORIGINAL 1-820-353-4233
LOCATION LIBERAL, KS	COMPANY PIONEER NATURAL RESOURCES 3	CUSTOMER REP / PHONE TIM LEWIS	
TICKET AMOUNT \$13,172.32	WELL TYPE 02 Gas	API/UWI #	
WELL LOCATION JOHNSON, KS	DEPARTMENT CEMENT	SAP BOMB NUMBER 7521	Cement Surface Casing
LEASE NAME CROSS	Well No. 4-32	SEC / TWP / RNG 32 - 27S - 40W	HES FACILITY (CLOSEST TO WELL SITE) LIBERAL

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Evans, J 212723	5.0			
Buttry, C 317429	5.9			
Lopez, C 321976	4.5			

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
10415642	100			
10219237	100			
10011392-10286731	50			

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

Date	Called Out	On Location	Job Started	Job Completed
	4/3/2005	4/3/2005	4/3/2005	4/3/2005
Time	1300	1700	2030	2130

Tools and Accessories

Type and Size	Qty	Make
Float Collar INSERT	1	HOWCO
Float Shoe FILL TUBE	1	HOWCO
Centralizers S-4	4	HOWCO
Top Plug HWE	1	HOWCO
HEAD PC	1	HOWCO
Limit clamp	1	HOWCO
Weld-A	1	HOWCO
Guide Shoe TT	1	HOWCO
BTM PLUG		HOWCO

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	NEW	24#	8 5/8"		0	720	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			12 1/4"			727	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials

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

Hours On Location / Operating Hours / Description of Job

Date	Hours	Date	Hours	Description of Job
4/3	4.5	4/3	8.5	Cement Surface Casing
Total	4.5	Total	8.5	

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Ordered _____ Hydraulic Horsepower Avail. _____ Used _____
 Treating _____ Average Rates in BPM Disp. _____ Overall _____
 Feet 42 _____ Cement Left in Pipe Reason _____ SHOE JOINT

Cement Data

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	200	HLC PP C		2% CC - 1/4# FLOCELE	11.22	2.04	12.30
2	176	PREM PLUS C		2% CC - 1/4# FLOCELE	6.36	1.35	14.80
3							
4							

Summary

Circulating Breakdown _____	Displacement _____	Preflush: BBI _____	Type: _____
Lost Returns _____	MAXIMUM _____	Load & Bkdn: Gal - BBI _____	Pad:Bbl -Gal _____
Cmt Rtrn#Bbl _____	Lost Returns-# _____	Excess /Return BBI _____	Calc.Disp Bbl _____
Average _____	Actual TOC _____	Calc. TOC: _____	Actual Disp. _____
Shut In: Instant _____	Frac. Gradient _____	Treatment: Gal - BBI _____	Disp:Bbl _____
	5 Min. _____ 15 Min _____	Cement Slurry BBI _____	
		Total Volume BBI _____	115.0 _____
			159.00 _____

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

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE _____
Tim Lewis
 SIGNATURE

ORIGINAL

HALLIBURTON JOB LOG		TICKET # 3637913	TICKET DATE 04/03/05
REGION Central Operations	NWA / COUNTRY Mid Continent/USA	BDA / STATE MC/Ks	COUNTY STANTON
MBU ID / EMPL # MCLIO104 212723	H.E.S EMPLOYEE NAME JERRAKO EVANS	PSL DEPARTMENT Cement	
LOCATION LIBERAL, KS	COMPANY PIONEER NATURAL RESOURCES	CUSTOMER REP / PHONE TIM LEWIS	1-620-353-4233
TICKET AMOUNT \$13,172.32	WELL TYPE 02 Gas	API/UMI #	
WELL LOCATION JOHNSON, KS	DEPARTMENT CEMENT	JOB PURPOSE CODE Cement Surface Casing	
LEASE NAME CROSS	Well No. 4-32	SEC / TWP / RING 32 - 27S - 40W	HES FACILITY (CLOSEST TO WELL #) LIBERAL

HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS
Evans, J 212723	5						
Buttry, C 317429	5						
Lopez, C 321975	4.5						

Chart No.	Time	Rate (BPM)	Volume (BBL/GAL)	Rate (GPM)	Press.(PSI)		Job Description / Remarks
					CSG	Tbg	
	1300						CALLED OUT FOR JOB
	1700						JOB READY
	1430						PRE-TRIP SAFETY MEETING
	1630						PT ON LOCATION/ JOB SITE ASSESMENT
	1645						RIG UP TRUCKS
							RIG STILL DRILLING
	1800						START PULLING DP
	1900						START RUNNING CASING & FE (8 5/8)
	2000						CASING ON BOTTOM (720 FT)
	2010						HOOK UP PC & CIRC IRON/ CIRC WITH RIG PUMP
							HOOK UP TO PT
	2032				1500		TEST LINES
	2034	3.0	5.0		25		PUMP WATER SPACER
	2036	6.0	73.0		75		START MIXING LEAD CMT @12.3# (200 SX HLC PP C)
	2048	6.0	42.0		100		START MIXING TAIL CMT @14.8# (175 SX PP C)
	2100						SHUT DOWN/ DROP PLUG
	2100	6.0	0-		200		START DISP WITH FRESH WATER
	2109	2.0	34.0		225		SLOW RATE 10 BBL LEFT ON DISP
	2113	2.0	44.0		900		BUMP PLUG
	2114				900-0		RELEASE FLOAT HELD
							CIRC CMT TO PIT
							RECEIVED
							JUL 25 2005
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							THANKS FOR CALLING HALLIBURTON
							JERRAKO & CREW

ORIGINAL

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: April 04, 2005

Invoice Number: 93160706

DIRECT CORRESPONDENCE TO:
P.O. Box 1598
LIBERAL, KS 67905-1598
US
Tel: 620-624-3879
Fax: 620-629-4673

Rig Name:
Well Name: PIONEER CROSS 4-32, STANTON
Ship to: JOHNSON, KS 67855
 STANTON
Job Date: April 03, 2005
Cust. PO No.: N/A
Payment Terms: Net 30 days from Invoice date
Quote No.: 21182361
Sales Order No.: 3637913
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	100.000	MI		6.56	656.00	341.12	314.88
86955	ZI FUEL SURCHG-HEAVY TRKS >1 1 FUEL SURCHG-HEAVY TRKS >1 1/2 TON/PER MI Number of Units	100.000	MI		0.30	30.00		30.00
2	MILEAGE FOR CEMENTING CREW,ZI 000-119 Number of Units	100.000	MI		3.86	386.00	200.72	185.28
86954	ZI FUEL SURCHG-CARS/PICKUPS <1 FUEL SURCHG-CARS/PICKUPS <1 1/2TON/PER/MI Number of Units	100.000	MI		0.10	10.00		10.00
16091	ZI - PUMPING CHARGE 001-016 DEPTH FEET/METERS (FT/M)	1.000	EA		2,817.00	2,817.00	1,464.84	1,352.16
132	PORTABLE DAS,/DAY/JOB,ZI 045-050 NUMBER OF DAYS	1.000	JOB		1,153.00	1,153.00	599.56	553.44
142	AXIAL FLOW MIXER,W/O ADC,/JOB, 046-070 NUMBER OF JOBS	1.000	EA		797.00	797.00	414.44	382.56

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INVOICE

Continuation

HALLIBURTON

Halliburton Energy Services, Inc.

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

Invoice Date: April 04, 2005

Invoice Number: 93160706

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
74038	ZI PLUG CONTAINER RENTAL-1ST D DAYS OR FRACTION (MIN1)	1.000 1	EA Days	924.00		924.00	480.48	443.52
*101227839	PLUG,CMTG, TOP, 8 5/8, HWE, 7.20 M PLUG, CEMENTING, TOP, 8 5/8, HWE, 7.20 / MIN/8.09 MAX CASING ID, SYNTHETIC / SERVICE	1.000	EA		265.83	265.83	138.23	127.60
*101314446	SHOE, CSG, TIGER TOOTH, 8 5/8 IN SHOE, CASING, TIGER TOOTH, 8 5/8 INCH / 8RD, 7.972 DRIFT ID	1.000	EA		651.20	651.20	227.92	423.28
*100004702	VALVE ASSY-INSERT FLOAT-8-5/8 24A- 815.19502 / VALVE ASSY - INSERT FLOAT - 8-5/8 BRD / CSG 24#	1.000	EA		474.91	474.91	166.22	308.69
*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		105.13	105.13	36.80	68.33
*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		129.53	518.12	181.34	336.78
*100004599	BASKET - CEMENT - 8 5/8 CSG X 806.70060 / BASKET - CEMENT - 8-5/8 CSG X 11 - / 12-1/4 HOLE - SLIP-ON - STEEL VANE - / UNIVERSAL BOW	1.000	EA		417.74	417.74	146.20	271.54
*100004642	CLP, LIM, 8 5/8, FRICT, WTH DOGS XXXXXXX 806.72750 / CLAMP - LIMIT - 8-5/8 - FRICTION - / W/DOGS	1.000	EA		63.30	63.30	22.16	41.14
*100005045	HALLIBURTON WELD-A KIT HALLIBURTON WELD-A KIT	1.000	EA		46.82	46.82	16.39	30.43
372867	Cmt PSL - DOT Vehicle Charge, Cmt PSL - DOT Vehicle Charge, CMT	2.000	EA		161.50	323.00		323.00
*14241	SBM Halliburton Light Premium 504-120	200.000	SK		24.07	4,814.00	2,503.28	2,310.72
*100005049	Chemical - Flocele (25 lb sk) XXXXXXX 890.50071 / FLOCELE - 3/8 - 25 LB SACK	94.000	LB		4.47	420.18	218.49	201.69

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Continuation

HALLIBURTON
Halliburton Energy Services, Inc.

APR 08 2005

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

Invoice Date: April 04, 2005

MIDCONTINENT
HOUSTON PROD

Invoice Number: 93160706

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	9.000	SK		150.30	1,352.70	703.40	649.30
*100012205	Cement- Class C / Premium Plus 504-050516.00265 / CEMENT - CLASS C - PREMIUM - BULK	175.000	SK		30.61	5,356.75	2,785.51	2,571.24
3965	HANDLE&DUMP SVC CHRГ, CMT&ADDI 500-207 NUMBER OF EACH	411.000	CF		3.68	1,512.48	786.49	725.99
76400	ZI MILEAGE,CMT MTLs DEL/RET MI 500-306 / MILEAGE,CMTG MTLs DEL/RET PER/TON MI.MIN NUMBER OF TONS	892.000	MI		2.24	1,998.08	1,039.00	959.08
87605	ZI FUEL SURCHG-CMT & CMT ADDIT FUEL SURCHG-CMT & CMT ADDITIVES/PER TNM NUMBER OF TONS	892.000	MI		0.10	89.20		89.20
Total						25,182.44	12,472.59	12,709.85
Sales Tax - State								389.06
Sales Tax - County								73.41
INVOICE TOTAL								13,172.32 US Dollars

VENDOR

047766

LSE/Well	GEN	SUB	Amount	Svc. Date
226367-201	015	307	13,172.32	4-3-05

A FE 007081

SEA 4/13 ✓

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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 SUMMARY

SALES ORDER NUMBER 3641708	TICKET DATE 04/05/05
BDA / STATE MC/Ks	COUNTY STANTON
PSL DEPARTMENT Cement	ORIGINAL
CUSTOMER REP / PHONE TIM LEWES	1-620-353-4233
SAP BOMB NUMBER 7523	Cement Production Casing
HES FACILITY (CLOSEST TO WELL SITE) Liberal Ks.	

REGION Central Operations	MNA / COUNTRY Mid Continent/USA
WBU ID / EMPL # MCLIO103 - 106304	H.E.B. EMPLOYEE NAME DAN WILLE
LOCATION LIBERAL	COMPANY PIONEER NATURAL RESOURCES
TICKET AMOUNT \$19,646.94	WELL TYPE 02 Gas
WELL LOCATION LAND NW OF ULYSSES, KS	DEPARTMENT CEMENT
LEASE NAME CROSS	Well No. 4-32 SEC / TWP / RNG 32-27S - 40W

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Wille D. 226409	4.8			
Arnett, J 226567	4.8			
Albright, J. 326347	4.8			
Lopez, C. 321975	4.8			

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
10010749-10010921	100			
10243558-10011278	50			
10244148-10011272	50			

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

Date	Called Out	On Location	Job Started	Job Completed
	4/5/2005	4/5/2005	4/5/2005	4/5/2005
Time	0800	1130	1349	

Type and Size	Qty	Make
Float Collar INSERT	1	HALCO
Float Shoe		
Centralizers	13	HALCO
Top Plug	1	HALCO
HEAD	1	HALCO
Limit clamp	1	HALCO
Weld-A	1	HALCO
Guide Shoe	-1	HALCO
BTM PLUG		

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	NEW	15.5#	5 1/2		0	2,913	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			7 7/8"				Shots/Ft.
Perforations							
Perforations							

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

Hours On Location	Operating Hours	Description of Job
Date 4/5 Hours _____	Date _____ Hours _____	Cement Production Casing
Total	Total	

Ordered _____	Avail. _____	Used _____
Treating _____	Average Rates in BPM _____	Overall _____
Feet 42	Cement Left in Pipe _____	Reason SHOE JOINT

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Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	305	MHLC C		8% TOTAL GEL - 6# GILSONITE - 6/10% HALAD-322 -	10.48	2.10	12.60
2	180	PREM PLUS C		5# GILSONITE - 2% CC - .6% HALAD-322 - 1/4# FLOCELE -	6.30	1.42	14.50
3							
4							

Summary			
Circulating _____	Displacement _____	Flush: _____	BBI _____
Breakdown _____	MAXIMUM _____	Load & Bkdn: _____	Gal - BBI _____
Lost Returns _____	Lost Returns _____	Excess /Return _____	BBI _____
Cmt Rtrn#Bbl _____	Actual TOC _____	Calc. TOC: _____	
Average _____	Frac. Gradient _____	Treatment _____	Gal - BBI _____
Shut In: Instant _____	5 Min. _____	Cement Slurry _____	BBI _____
	15 Min. _____	Total Volume _____	BBI _____
			159.8
			228.38

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

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE _____

Jim Lewis
 SIGNATURE

ORIGINAL

HALLIBURTON JOB LOG				TICKET # 3641708	TICKET DATE 04/05/05
REGION Central Operations		NWA / COUNTRY Mid Continent/USA		BDA / STATE MC/Ks	COUNTY STANTON
MBU ID / EMT, # MCLIO103 106304		H.E.S EMPLOYEE NAME DAN WILLE		PSL DEPARTMENT Cement	
LOCATION LIBERAL		COMPANY PIONEER NATURAL RESOURCES		CUSTOMER REP / PHONE TIM LEWES 1-620-353-4233	
TICKET AMOUNT \$19,646.94		WELL TYPE 02 Gas		API/UMI #	
WELL LOCATION LAND NW OF ULYSSES, KS		DEPARTMENT CEMENT		JOB PURPOSE CODE Cement Production Casing	
LEASE NAME CROSS		Well No. 4-32	SEC / TWP / RNG 32-27S - 40W	HES FACILITY (CLOSEST TO WELL #) Liberal Ks.	

HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS
Wille D. 225409	4						
Arnett, J 226567	4						
Alibright, J. 325347	4						
Lopez, C. 321975	4						

Chart No.	Time	Rate (BPM)	Volume (BBL)	Rate (LBS)	Press (PSI)		Job Description / Remarks
					Case	Ring	
	0800						CALLED OUT
	0930						PRETRIP SAFETY MEETING
	1130						ON LOCATION
	1130						RIG RUNNING CASING
	1135						ACCESS LOCATION
	1140						SPOT AND RIG UP EQUIPMENT
	1320						STAB CMT AND RIG CIRCULATES
	1345						SWITCH OVER TO PUMP TRUCK
	1349						PRESSURE TEST
	1353	5.0	114B		98		PUMP 12.6# LEAD CMT
	1356						HT PUMP SLIPPING CAUSING BBL ON LEAD TO BE OFF
	1451	5.0	45.52B		100		PUMP 14.6# TAIL CMT
	1501						SHUT DOWN DROP PLUG WASH UP
	1508	5.0	69B		1100		PUMP 1% KCL DISPLACEMENT
	1521	2.0	69B		1000		SLOW RATE LAST 10 BBL
	1532						RELEASE FLOAT.....HELD
	1533						END JOB

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JUL 25 2005
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INVOICE

ORIGINAL

HALLIBURTON

Halliburton Energy Services, Inc.

Wire Transfer Information

Account Number:

ABA Routing Number:

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

Invoice Date: April 06, 2005

Invoice Number: 93163119

DIRECT CORRESPONDENCE TO:

P.O. Box 1598
LIBERAL, KS 67905-1598
US
Tel: 620-624-3879
Fax: 620-629-4673

Rig Name:
Well Name: PIONEER CROSS 4-32, STANTON
Ship to: JOHNSON, KS 67855
STANTON

Job Date: April 05, 2005
Cust. PO No.: N/A
Payment Terms: Net 30 days from Invoice date
Quote No.: 21182363
Sales Order No.: 3641708
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
7523	CMT PRODUCTION CASING BOM JP035	1.00	JOB					
1	ZI-MILEAGE FROM NEAREST HES BA 000-117 Number of Units	100.000 1	MI unit		6.56	656.00	341.12	314.88
86955	ZI FUEL SURCHG-HEAVY TRKS >1 1 FUEL SURCHG-HEAVY TRKS >1 1/2 TON/PER MI Number of Units	100.000 1	MI unit		0.30	30.00		30.00
2	MILEAGE FOR CEMENTING CREW,ZI 000-119 Number of Units	100.000 1	MI unit		3.86	386.00	200.72	185.28
86954	ZI FUEL SURCHG-CARS/PICKUPS<1 FUEL SURCHG-CARS/PICKUPS<1 1/2TON/PER/MI Number of Units	100.000 1	MI unit		0.10	10.00		10.00
16091	ZI - PUMPING CHARGE 001-016 DEPTH FEET/METERS (FT/M)	1.000 3,155	EA FT		3,350.00	3,350.00	1,742.00	1,608.00
132	PORT. DAS W/CEMWIN;ACQUIRE W/H 045-050 NUMBER OF DAYS	1.000 1	JOB Days		1,153.00	1,153.00	599.56	553.44
142	AXIAL FLOW MIXER,W/O ADC./JOB, 046-070 NUMBER OF JOBS	1.000 1	EA Job		797.00	797.00	414.44	382.56

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Continuation

HALLIBURTON

Halliburton Energy Services, Inc.

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

Invoice Date: April 06, 2005

Invoice Number: 93163119

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	924.00		924.00	480.48	443.52
		1	Days					
*101237390	PLUG,CMTG, TOP, 5 1/2, HW, 4.38 M PLUG, CEMENTING, TOP, 5 1/2, HW, 4.38 / MIN/5.09 MAX CASING ID, SYNTHETIC / SERVICE	1.000	EA		145.03	145.03	75.42	69.61
*100004723	SHOE, GID, 5-1/2 8RD SHOE, GUIDE, 5-1/2 8RD	1.000	EA		272.70	272.70	95.44	177.26
*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		336.07	336.07	117.63	218.44
*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	25.40	47.17
*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	13.000	EA		102.00	1,326.00	464.10	861.90
*100004639	COLLAR-STOP-5 1/2"-W/DOGS XXXXXXXX 806.72730 / CLAMP - LIMIT - 5-1/2 - FRICTION - / W/DOGS	1.000	EA		54.47	54.47	19.06	35.41
*100005045	KIT, HALL WELD-A KIT, HALLIBURTON WELD-A / (1 kit per fiberboard box)	1.000	EA		46.82	46.82	16.39	30.43
*100004596	BSKT, CEM, 5 1/2 CSG X 7 7/8, 8 3 806.70030 / BASKET - CEMENT - 5-1/2 CSG X 7-7/8 - / 8-3/4 HOLE - SLIP-ON - STEEL VANE - / UNIVERSAL BOW	1.000	EA		294.80	294.80	103.18	191.62
100001585	CHEM-KCL POTASSIUM CHLORIDE - CHEM-KCL POTASSIUM CHLORIDE - 50#	250.000	LB		0.78	195.00	101.40	93.60
372867	Cmt PSL - DOT Vehicle Charge, Cmt PSL - DOT Vehicle Charge, CMT	3.000	EA		161.50	484.50		484.50
*66994	SBM Modified Hall Light Cmt Pr 504-112	305.000	SK		29.78	9,082.90	4,723.11	4,359.79

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Halliburton Energy Services, Inc.

APR 08 2005

Continuation

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

MIDCONTINENT
HUGOTON PRO

Invoice Date: April 06, 2005

Invoice Number: 93163119

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		150.30	751.50	390.78	360.72
*100005049	Chemical - Flocele (25 lb sk) XXXXXXXX 890.50071 / FLOCELE - 3/8 - 25 LB SACK	122.000	LB		4.47	545.34	283.58	261.76
*100012205	CEM,CLASS C / PREMIUM PLUS, BU 504-050516.00265 / CEMENT - CLASS C - PREMIUM - BULK	180.000	SK		30.61	5,509.80	2,865.10	2,644.70
*100003646	CHEMICAL - HALAD-322 - 50 LB S 507-775516.00144 / CHEMICAL - HALAD-322 - 50 LB SACK	268.000	LB		12.99	3,481.32	1,810.29	1,671.03
*101007446	CHEM,D-AIR 3000, 40 LB BAG Chemical - D-Air 3000	45.000	LB		7.05	317.25	164.97	152.28
*100003700	Chem- Gilsonite (Bulk) 508-292 516.00337 / CHEMICAL - GILSONITE - BULK	2,425.000	LB		1.00	2,425.00	1,261.00	1,164.00
3965	HANDLE&DUMP SVC CHRГ, CMT&ADDI 500-207 NUMBER OF EACH	595.000	CF		3.68	2,189.60	1,138.59	1,051.01
76400	ZI MILEAGE,CMT MTLs DEL/RET MI 500-306 / MILEAGE,CMTG MTLs DEL/RET PER/TON MI.MIN NUMBER OF TONS	1,253.000	MI		2.24	2,806.72	1,459.49	1,347.23
87605	ZI FUEL SURCHG-CMT & CMT ADDIT FUEL SURCHG-CMT & CMT ADDITIVES/PER TNM NUMBER OF TONS	1,253.000	MI		0.10	125.30		125.30
Total						37,768.69	18,893.25	18,875.44
Sales Tax - State								649.04
Sales Tax - County								122.46

INVOICE TOTAL

19,646.94
US Dollars

VENDOR

047746

LSE/WELL	GEN SUB	Amount	Svc Date
93163119-001	016309	17,646.94	4-5-05

AFE 007081

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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.

JUL 25 2005

KOC WICHITA