

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: _____

API NO. 15- 15-187-21050-0000
County STANTON
SE - SE - NE Sec. 17 Twp. 28S S. R. 40W E W
2518' FNL _____ Feet from S/N (circle one) Line of Section
660' FEL _____ Feet from EW (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name COOPER Well # 2-8
Field Name HUGOTON

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

Producing Formation CHASE
Elevation: Ground 3320' Kelley Bushing 3326'
Total Depth 2922' Plug Back Total Depth 2890'
Amount of Surface Pipe Set and Cemented at 686' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

If Workover/Reentry: Old Well Info as follows:
Operator: _____
Well Name: _____
Original Comp. Date _____ Original Total Depth _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back _____ Plug Back Total Depth _____
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Enhr?) _____ Docket No. _____
04/08/05 04/11/05 NOT COMPLETED
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

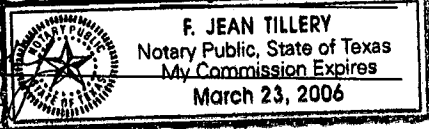
Drilling Fluid Management Plan A17 | NCR 8-1108
(Data must be collected from the Reserve Pit)
Chloride content 1000 ppm Fluid volume 3000 bbls
Dewatering method used DRY OUT/EVAPORATION/BACKFILL
Location of fluid disposal if hauled offsite: _____
Operator Name PIONEER NATURAL RESOURCES
Lease Name _____ License No. _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ E W
County _____ Docket No. _____

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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 07/22/05

Subscribed and sworn to before me this 22ND day of July
20 05
Notary Public F. Jean Tillery
Date Commission Expires 3/23/06



KCC Office Use ONLY
NO Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

X

Operator Name PIONEER NATURAL RESOURCES USA, INC.

Lease Name COOPER

Well # 2-8*

Sec. 17 Twp. 28S 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 Name Top Datum CHASE 2208' MD KRIDER 2253' MD FT. RILEY 2415' MD COUNCIL GROVE 2506' MD
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
List All E.Logs Run: COMP NEUTRON LOG ARRAY INDUCTION 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#	686'	LT. PREM+	375	2%CaCl2
PRODUCTION	7-7/8"	5-1/2"	15.5#	2914'	LT PREM+	485	2%CaCl2

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	2288' - 2498'	<i>NOT COMPLETED</i>	

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.	Producing Method			
not completed	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
			0	-- --

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

Vented Sold Used on Lease Open Hole Perforation Dually Comp. Commingled 2288' - 2498'
 (If vented, submit ACO-18.) Other (Specify) _____

HALLIBURTON JOB SUMMARY		SALES ORDER NUMBER 3651332	TICKET DATE 04/10/05
REGION Central Operations	MNA / COUNTRY Mid Continent/USA	BDA / STATE MC/Ks	COUNTY STANTON
NBU ID / EMPL # MCLI0101 301261	H.E.S. EMPLOYEE NAME Scott Green	PSL DEPARTMENT Cement	ORIGINAL 1-620-353-8548
LOCATION LIBERAL	COMPANY PIONEER NATURAL RESOURCES	CUSTOMER REP / PHONE BRIAN FINDLEY	
TICKET AMOUNT \$19,646.94	WELL TYPE 01 Oil	API/UMI #	
WELL LOCATION Ulysess, Ks	DEPARTMENT Cement	SAP BOMB NUMBER 7523	Cement Production Casing
LEASE NAME COOPER	Well No. 2-8	SEC / TWP / RNG 17 - 28S - 40W	HES FACILITY (CLOSEST TO WELL SITE) Liberal Ks

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HR	HR	HR	HR
Green, S 301261	5.0			
Buttry, C 317429	5.0			
Milbourn, W 321936	5.5			
Campbell, R 333696	5.5			

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
10547695	100			
10219237	100			
10011408 / 10011591	50			
10010749 / 10011277	50			

Form. Name _____ Type: _____
 Form. Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Retainer Depth _____ Total Depth **2921**

Date	Called Out	On Location	Job Started	Job Completed
	4/10/2005	4/10/2005	4/10/2005	4/10/2005
Time	1230	1530	1955	2100

Tools and Accessories

Type and Size	Qty	Make
Ins Fl Vlv 5 1/2	1	Howco
Float Shoe		Howco
Centralizers 5 1/2 X 7 7/8	13	Howco
Top Plug HWE 5 1/2	1	Howco
HEAD 5 1/2	1	Howco
Limit clamp 5 1/2	1	Howco
Weld-A	1	Howco
Guide Shoe REG 5 1/2	1	Howco
BTM PLUG		Howco

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	New	16.6#	5 1/2		0	2,909	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			7 7/8"		686	2,921	Shots/Ft
Perforations							
Perforations							
Perforations							

Materials

Mud Type	Density	Lb/Gal
Disp. Fluid	H ₂ O	8.33
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

Date	Hours
4/10	6.0
Total	6.0

Operating Hours

Date	Hours
4/10	1.0
Total	1.0

Description of Job
 Cement Production Casing
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Ordered _____ Hydraulic Horsepower Avail _____ Used _____
 Treating _____ Average Rates in BPM Disp _____ Overall _____
 Feet **22** Cement Left in Pipe Reason _____ SHOE JOINT

Cement Data

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		6# GILSONITE - 2% CC - .6% HALAD-322 - 1/4# FLOCELE -	6.30	1.42	14.50
3							
4							

Summary

Circulating	Displacement	Preflush:	BBI	Type:
Breakdown	MAXIMUM	Load & Bkdn:	Gal - BBI	Pad:Bbl -Gal
Lost Returns	Lost Returns	Excess /Return	BBI	Calc.Disp Bbl 68.1
Cmt Rtrn#Bbl	Actual TOC	Calc. TOC:	-50	Actual Disp. 68
Average	Frac. Gradient	Treatment:	Gal - BBI	Disp:Bbl
Shut In: Instant	5 Min.	Cement Slurry	BBI	114.0 + 45.5
	15 Min.	Total Volume	BBI	182.10

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

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE *J. Bryan Findley* SIGNATURE

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 11, 2005

Invoice Number: 93169507

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 COOPER 2-8, STANTON
Ship to: JOHNSON, KS 67855
STANTON

Job Date: April 10, 2005
Cust. PO No.: N/A
Payment Terms: Net 30 days from Invoice date
Quote No.: 21182366
Sales Order No.: 3651332

TO:

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

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

Contract No.:
Contract from:
Contract to:

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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	MI		6.56	656.00	341.12	314.88
		1	unit					
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
		1	unit					
2	MILEAGE FOR CEMENTING CREW,ZI 000-119 Number of Units	100.000	MI		3.86	386.00	200.72	185.28
		1	unit					
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
		1	unit					
16091	ZI - PUMPING CHARGE 001-016 DEPTH FEET/METERS (FT/M)	1.000	EA		3,350.00	3,350.00	1,742.00	1,608.00
		3,155	FT					
132	PORT. DAS W/CEMWIN;ACQUIRE W/H 045-050 NUMBER OF DAYS	1.000	JOB		1,153.00	1,153.00	599.56	553.44
		1	Days					
142	AXIAL FLOW MIXER,W/O ADC,/JOB, 046-070 NUMBER OF JOBS	1.000	EA		797.00	797.00	414.44	382.56
		1	Job					

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Halliburton Energy Services, Inc.

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

Invoice Date: April 11, 2005

Invoice Number: 93169507

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	EA	924.00		924.00	480.48	443.52
		1	Days					
*101237390	PLUG,CMTG, TOP, 5 1/2, HWE, 4.38 M PLUG, CEMENTING, TOP, 5 1/2, HWE, 4.38 / MIN/5.09 MAX CASING ID, SYNTHETIC / SERVICE	1.000	EA		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	12.000	EA		102.00	1,224.00	428.40	795.60
*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		4,359.79

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Halliburton Energy Services, Inc.

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

MIDCONTINENT

Invoice Date: April 11, 2005

HUGOTON PROD

Invoice Number: 93169507

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) XXXXXXX 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 CHR, CMT&ADDI 500-207	595.000	CF		3.68	2,189.60	1,138.59	1,051.01
	NUMBER OF EACH	1	each					
76400	ZI MILEAGE,CMT MTLs DEL/RET MI 500-306 / MILEAGE,CMTG MTLs DEL/RET PER/TON MI.MIN	1,253.000	MI		2.24	2,806.72	1,459.49	1,347.23
	NUMBER OF TONS	1.00	ton					
87605	ZI FUEL SURCHG-CMT & CMT ADDIT FUEL SURCHG-CMT & CMT ADDITIVES/PER TNM	1,253.000	MI		0.10	125.30		125.30
	NUMBER OF TONS	1.00	ton					
Total						37,666.69	18,857.55	18,809.14
Sales Tax - State								645.53
Sales Tax - County								121.80
INVOICE TOTAL								19,576.47
								US Dollars
VENDOR 047766								
LSE/WELL	GEN	SUB	Amount	Svc Date				
0316368-001	010	309	19,576.47	4/16/05				
AFE 001082								
								4/25/05
								BC 4/24/05

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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.

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 10, 2005

Invoice Number: 93169506

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 COOPER 2-8, STANTON
 Ship to: JOHNSON, KS 67855
 STANTON

Job Date: April 09, 2005
 Cust. PO No.: N/A
 Payment Terms: Net 30 days from Invoice date
 Quote No.: 21182364
 Sales Order No.: 3644832
 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
 OPERATIONS DEPT.
 PO BOX 1006
 ULYSSES KS 67880

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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 1	MI unit		6.56	656.00	341.12	314.88
86955	ZI 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 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)	1.000 700	EA FT		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 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

ORIGINAL

INVOICE

Continuation

HALLIBURTON

Halliburton Energy Services, Inc.

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

Invoice Date: April 10, 2005

Invoice Number: 93169506

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 8RD / 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 XXXXXXXX 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) XXXXXXXX 890.50071 / FLOCELE - 3/8 - 25 LB SACK	94.000	LB		4.47	420.18	218.49	201.69

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Halliburton Energy Services, Inc.

APR 18 2005

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

Invoice Date: April 10, 2005

MIDCONTINENT
HOUSTON PROJ

Invoice Number: 93169506

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

LSEWELL	GEN SUB	Amount	Svc. Date
9210308-001	DIS 309	13,172.32	4/10/05
AFF CO 7082			4/25/05
			BC 4/20/05

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

REGION Central Operations	MVA / COUNTRY Mid Continent/USA	SALES ORDER NUMBER 3644832	TICKET DATE 04/08/05
MBU ID / EMPL # MCIL 0110 / 198516	H.E.S. EMPLOYEE NAME JASON CLEMENS	BDA / STATE MC/Ks	COUNTY STANTON
LOCATION LIBERAL	COMPANY PIONEER NATURAL RESOURCES 3	PSL DEPARTMENT Cement	ORIGINAL
TICKET AMOUNT \$13,172.32	WELL TYPE 01 Oil	CUSTOMER REP / PHONE BRYAN FINDLEY 1-620-353-4232	
WELL LOCATION JOHNSON	DEPARTMENT ZI	SAP BOMB NUMBER 7521	Cement Surface Casing
LEASE NAME COOPER	Well No. 2-8	SEC / TWP / RNG 17 - 28S - 40W	HES FACILITY (CLOSEST TO WELL SITE) LIBERAL, KS

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Clemens, A 198516	4.0			
Wille, D 225409	4.0			
Berumen, E 267804	4.0			

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
10547690	100			
10251403	100			
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
	4/8/2005	4/8/2005	4/8/2005	4/8/2005
Time	1800	2200	2311	2348

Tools and Accessories

Type and Size	Qty	Make
Float Collar		H
Float Shoe		O
Centralizers	4	W
Top Plug	1	C
HEAD	1	H O
Limit clamp	1	O
Weld-A	1	W
Guide Shoe	1	C
BTM PLUG		O

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	NEW	24#	8 5/8"		0	678	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			12 1/4"				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

Date	Hours	Date	Hours
4/8	2.0	4/8	1.0
Total	2.0	Total	1.0

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

Summary

Circulating	Displacement	Preflush: BBI	5.00	Type: FRESH
Breakdown	MAXIMUM	Load & Bkdn: Gal - BBI		Pad: Bbl - Gal
Lost Returns	Lost Returns	Excess /Return BBI		Calc. Disp Bbl
Cmt Rtn#Bbl	Actual TOC	Calc. TOC		Actual Disp. 41
Average	Frac. Gradient	Treatment: Gal - BBI		Disp: Bbl
Shut in: Instant	5 Min. 15 Min.	Cement Slurry BBI	115.0	
		Total Volume BBI	161.00	

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

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE _____
 SIGNATURE *J. Bryan Findley*

ORIGINAL

HALLIBURTON JOB LOG				TICKET # 3644832	TICKET DATE 04/08/05
REGION Central Operations		NWA / COUNTRY Mid Contitnent/USA		BDA / STATE MC/Ks	COUNTY STANTON
MBU ID / EMPL # MCIL 0110 / 198516		H.E.S EMPLOYEE NAME JASON CLEMENS		PSL DEPARTMENT Cement	
LOCATION LIBERAL		COMPANY PIONEER NATURAL RESOURCES		CUSTOMER REP / PHONE BRYAN FINDLEY 1-620-353-4232	
TICKET AMOUNT \$13,172.32		WELL TYPE 01 Oil		API/UWI #	
WELL LOCATION JOHNSON		DEPARTMENT Z1		JOB PURPOSE CODE Cement Surface Casing	
LEASE NAME COOPER		Well No. 2-8	SEC / TWP / RNG 17 - 28S - 40W		HES FACILITY (CLOSEST TO WELL S) 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
Clemens, A 198516	4						
Wille, D 225409	4						
Berumen, E 267804	4						

Chart No.	Time	Rate (BPM)	Volume (BBL/GAL)	Rate (GPM)	Press.(PSI)		Job Description / Remarks
					CSG	Tbg	
	1700						CALLED FOR JOB
	2000						ARRIVE ON LOCATION
	2015						PRE-JOB SAFETY MEETING
	2030						SPOT EQUIPMENT
	2145						START CASING
	2300						CASING ON BOTTOM, CIRCULATE W/ RIG
	2311				1500		PRESSURE TEST
	2314	6.0	0-5		100		START FRESH H2O SPACER
	2316	6.0	0-72		125		START LEAD 200 SKS (HLC PP) MIXED @ 12.3#
	2327	6.0	0-43		100		START TAIL 175 SKS (PREM PLUS C) MIXED @ 14.8#
	2335	6.0	115.0		125		END CEMENT /// DROP PLUG
	2335	3.0	0-41		20		START DISPLACEMENT
	2343	2.0	31.0		225		SLOW RATE
	2347	2.0	41.0		900		LAND PLUG /// FLOAT HELD
	2348						END JOB
					300		PRESSURE BEFORE LANDING PLUG
							CIRCULATED CEMENT

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