



7-30-13 INVOICE

DATE	INVOICE #
7/30/2013	4122

4122

BILL TO
NANDRICH ENERGY INC ATTN: PURCHASING MANAGER 271 ROBERT S. KEHR AVENUE DRUMMATEL, TX 75102

REMIT TO
EDGE SERVICES, INC P.O. BOX 609 WOODWARD, OK 73082

COUNTY	STARTING D	WORK ORDER	RIG NUMBER	LEASE NAME	Terms
COMANCHE	7-30-2013	4122	CARNEY 7E	BROTHERS 3119 2-6H	Due on Rec
Description					
DRILLED 125' OF 30" CONDUCTOR HOLE DRILLED 6' OF 76" HOLE FURNISHED AND SET 2 X 6" DUSTHO'S CELLAR FURNISHED 125' OF 20" CONDUCTOR PIPE FURNISHED 1 LOADS MUD FURNISHED WELDER AND MATERIALS FURNISHED 14 YARDS OF GRADE ASHMENT FURNISHED 1 BOUT CAMP DRELL HOUSE HOLE FURNISHED 60' OF 44" CONDUCTOR PIPE FOR ABOVE HOLE TOTAL AMOUNT \$19,506.20					
				AFE Number: <u>DC 13142</u>	
				Well Name: <u>BROTHERS 3119 2-6H</u>	
				Code: <u>850.010</u>	
				Amount: <u>19,506.20</u>	
				Co. Man: <u>John Fortune</u>	
				Co. Man Sig: <u>[Signature]</u>	
				Notes:	
					Sales Tax (6.3%) \$1206.20
					TOTAL \$19,506.20

JOB SUMMARY			PROJECT NUMBER SOK 2941	TICKET DATE 08/06/13
COUNTY Comanche	State Kansas	COMPANY Bridge Exploration & Produc	CUSTOMER REP Felix Ortiz Jr	
LEASE NAME Brothers 3119	Well No. 2-6H	JOB TYPE Surface	EMPLOYEE NAME John Hall	

EMP NAME John Hall					
Rocky Anthis					
Joseph Klemm					
Roy Morris					

Form. Name _____ Type: _____
 Packer Type _____ Set At **0**
 Bottom Hole Temp. **80** Pressure _____
 Retainer Depth _____ Total Depth **1000**

Date	Called Out 8/6/2013	On Location 8/6/2013	Job Started 8/6/2013	Job Completed 8/6/2013
Time	430	900	1100	100

Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Val	0	IR
Centralizers	0	IR
Top Plug	0	IR
HEAD	0	IR
Limit clamp	0	IR
Weld-A	0	IR
Texas Pattern Guide Shoe	0	IR
Cement Basket	0	IR

Well Data						
	New/Used	Weight	Size	Grade	From	To
Casing		36#	9 1/2"		Surface	1,047
Liner						1,500
Liner						
Tubing			0			
Drill Pipe						
Open Hole			12 1/2"		Surface	1,040
Perforations						Shots/Ft.
Perforations						
Perforations						

Materials			
Mud Type	WBM	Density	Lb/Gal
Disp. Fluid	Fresh Water	8.33	
Spacer type	resh Water	10	8.33
Spacer type	BBL.		
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	
MISC.	Gal/Lb	In	

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
8/6	4.0	8/6	2.0	Surface
Total	4.0	Total	2.0	

Perfpac Balls _____ Qty. _____
 Other _____
 Other _____
 Other _____
 Other _____
 Other _____

Pressures		
MAX	1,500 PSI	AVG
Average Rates in BPM		
MAX	6 BPM	AVG
Cement Left in Pipe		
Feet	46	Reason SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	440	EX Lite Premium Plus 65	(6% Gel) 2% Calcium Chloride - 1/2pps Cello-Flake - .5% C-41P	10.88	1.84	12.70
2	170	Premium Plus (Class C)	2% Calcium Chloride - 1/2pps Cello-Flake	6.32	1.32	14.80
3	*100	Premium Plus (Class C)	*2% Calcium Chloride on side to use if necessary	*6.32	*1.32	*14.8

Summary						
Preflush	10	Type:	Fresh water	Preflush:	BBI	10.00
Breakdown		MAXIMUM	1,500 PSI	Load & Bkdn:	Gal - BBI	N/A
		Lost Returns-N	NO/FULL	Excess /Return	BBI	77
		Actual TOC	SURFACE	Calc. TOC:		SURFACE
Average		Bump Plug PSI:	Didn't	Final Circ.	PSI:	400
ISIP	5 Min.	10 Min	15 Min	Cement Slurry:	BBI	184.0
				Total Volume	BBI	271.30

CUSTOMER REPRESENTATIVE _____
 SIGNATURE *Felix Ortiz Jr*

A/E Number: _____
 Well Name: _____
 Code: _____
 Amount: _____
 Co. Man: _____
 Co. Man Sig.: _____
 Notes: _____

JOB SUMMARY			PROJECT NUMBER SOK 2951	TICKET DATE 08/12/13
COUNTY Comanche	State Oklahoma	COMPANY Sandridge Exploration & Production	CUSTOMER REP Felix R=Ortix Jr	
LEASE NAME Brothers 3119	Well No. 2-6H	JOB TYPE Intermediate	EMPLOYEE NAME Johnny Breeze	

EMP NAME	Johnny Breeze	Eric Parsons			
	Bryan Douglas				
	Flo Helkena				
	Roy Morris				

Form. Name _____ Type: _____
 Packer Type _____ Set At **4,380**
 Bottom Hole Temp. **155** Pressure _____
 Retainer Depth _____ Total Depth **5831**

	Called Out	On Location	Job Started	Job Completed
Date	8/11/2013	8/12/2013	8/12/2013	8/12/2013
Time	1:30am			

Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Val	0	IR
Centralizers	0	IR
Top Plug	0	IR
HEAD	0	IR
Limit clamp	0	IR
Weld-A	0	IR
Texas Pattern Guide Shoe	0	IR
Cement Basket	0	IR

Well Data						
New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	26#	7"		Surface	5,831	5,000
Liner						
Liner						
Tubing		0				
Drill Pipe						
Open Hole			8 3/4"	Surface	5,843	Shots/Ft.
Perforations						
Perforations						
Perforations						

Materials			
Mud Type	WBM	Density	Lb/Gal
Disp. Fluid	Fresh Water	8.33	
Spacer type	Wghtd. BBL.	15	10.00
Spacer type	BBL.		
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	
MISC.	Gal/Lb	In	

Perfpac Balls _____ Qty. _____
 Other _____
 Other _____
 Other _____
 Other _____

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
8/12	6.0	8/12	2.0	Intermediate
Total	6.0	Total	2.0	

Pressures	
MAX 5,000 PSI	AVG. 400
Average Rates in BPM	
MAX 8 BPM	AVG 4
Cement Left in Pipe	
Feet 92	Reason SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	155	50/50 POZ PREMIUM	4% Gel - 0.4% FL-17 - 0.2% C-51 - 0.1% C-20 - 0.1% C-37 - 0.5% C-41P - 2#	6.77	1.44	13.60
2	100	Premium	0.4% FL-17 - 0.1% C-51 - 0.1% C-20 - 0.4% C-41P	5.20	1.18	15.60
3	0	0		0.00	0.00	0.00

Summary					
Preflush Breakdown	Type: _____	MAXIMUM _____	Lost Returns-N _____	Preflush: BBI 15.00	Type: 10ppg Barite Spacer
	Actual TOC _____	Bump Plug PSI: _____	5 Min. _____	Load & Bkdn: Gal - BBI N/A	Pad:Bbl-Gal N/A
	10 Min. _____	15 Min. _____		Excess /Return BBI N/A	Calc.Disp Bbl 220
Average	_____	_____	_____	Calc. TOC: 4.213	Actual Disp. 220.00
ISIP _____	_____	_____	_____	Final Circ. PSI: 1.000	Disp:Bbl _____
				Cement Slurry: BBI 60.8	
				Total Volume BBI 295.77	

CUSTOMER REPRESENTATIVE _____ *Felix Ortix Jr* SIGNATURE