



P.O. BOX 3660
HOUMA, LA 70361-3660

Customer : SAN400

BILL TO : SANDRIDGE ENERGY
123 ROBERT S KERR AVENUE
OKLAHOMA CITY, OK 73102-6406
PHONE: (405) 753-5500 FAX: ()

Division : 0701
Delivery Ticket : 3060
Delivery Date : 11/5/2012
Office : 12/1/1901

Ordered By :
Lease/Well : HAROLD 3120 #2-26H
Rig Name/Number : LARIATE 45
AFE Number :
Site Contact :
:
:
:

Qty	Description	Min / Standby / Usage Charge	Add Day	Unit Price	Start Date / Stop Date	Extended Line Total
1	HAROLD 3120 #2-26H	\$24,575.00	\$0.00	\$24,575.00	11/2/2012	\$24,575.00
120	DRILLED 30" CONDUCTOR HOLE	\$0.00	\$0.00	\$0.00	11/2/2012 11/2/2012	
120	20" CONDUCTOR PIPE (.250 WALL)	\$0.00	\$0.00	\$0.00	11/2/2012 11/2/2012	
1	6'X6' CELLAR TINHORN WITH PROTECTIVE RING	\$0.00	\$0.00	\$0.00	11/2/2012 11/2/2012	
1	DRILL & INSTALL 6'X6' CELLAR TINHORN	\$0.00	\$0.00	\$0.00	11/2/2012 11/2/2012	
75	DRILLED 20' MOUSE HOLE (PER FOOT)	\$0.00	\$0.00	\$0.00	11/2/2012 11/2/2012	
75	16" CONDUCTOR PIPE (.250 WALL)	\$0.00	\$0.00	\$0.00	11/2/2012 11/2/2012	
1	MOBILIZATION OF EQUIPMENT & ROAD PERMITTING FEE	\$0.00	\$0.00	\$0.00	11/2/2012 11/2/2012	
1	WELDING SERVICES FOR PIPE & LIDS	\$0.00	\$0.00	\$0.00	11/2/2012 11/2/2012	
1	PROVIDED EQUIPMENT & LABOR FOR DIRT REMOVAL	\$0.00	\$0.00	\$0.00	11/2/2012 11/2/2012	
1	PROVIDED METAL LIDS (1 FOR CONDUCTOR & 2 FOR THE MOUSEHOLE PIPE)	\$0.00	\$0.00	\$0.00	11/2/2012 11/2/2012	
15	CEMENT 14 SACK GROUT	\$0.00	\$0.00	\$0.00	11/2/2012 11/2/2012	
1	8' HAY FEEDER	\$0.00	\$0.00	\$0.00	11/2/2012 11/2/2012	
1	PROVIDED EQUIPMENT & LABOR TO ASSIST IN PUMPING CONCRETE	\$0.00	\$0.00	\$0.00	11/2/2012 11/2/2012	
Sub Total:		\$24,575.00	\$0.00			\$24,575.00

Print Name

Signature

JOB SUMMARY			PROJECT NUMBER SOK 2084	TICKET DATE 11/07/12
COUNTY COMANCHE	State KANSAS	COMPANY SANDRIDGE E&P	CUSTOMER REP TOMMY WHITLOW	
LEASE NAME HAROLD	Well No. 1120 2-26	JOB TYPE Surface	EMPLOYEE NAME	

EMP NAME Billy Taff	kevin johnson				
John Hall					
Wallace Berry					
vauntrey watkens					

Form. Name _____ Type: _____

Packer Type _____ Set At **0**

Bottom Hole Temp. **80** Pressure _____

Retainer Depth _____ Total Depth **950**

Date	Called Out 11/7/2012	On Location 11/7/2012	Job Started 11/7/2012	Job Completed 11/7/2012
Time	1:00pm	4:43 PM	11:00pm	12:40am

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		36#	9 5/8"		Surface		1,500
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			12 1/4"		Surface	950	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
Mud Type	WBM	Density	Lb/Gal
Disp. Fluid	Fresh Water	8.33	
Spacer type	resh Wate BBL.	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	
Perfpac Balls	Qty.		
Other			
Other			
Other			
Other			
Other			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
11/7	4.0	11/7	2.0	Surface
Total	4.0	Total	2.0	

Pressures			
MAX	1,500 PSI	AVG	200
Average Rates in BPM			
MAX	6 BPM	AVG	5
Cement Left in Pipe			
Feet	46	Reason	SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	300	EX Lite Premium Plus 66	(6% Gel) 2% Calcium Chloride - 1/4pps Cello-Flake - .5% C-41P	10.88	1.84	12.70
2	150	Premium Plus (Class C)	1% Calcium Chloride - 1/4pps 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 Breakdown	Type:	MAXIMUM	1,500 PSI	Preflush:	BBI	10.00	Type: Fresh Water
		Lost Returns-N	NO/FULL	Load & Bkdn:	Gal - BBI	N/A	Pad:Bbl -Gal N/A
		Actual TOC	SURFACE	Excess /Return	BBI	30	Calc. Disp Bbl 71
Average	Bump Plug PSI:	400		Calc. TOC:		SURFACE	Actual Disp. 71.00
ISIP	5 Min.	10 Min.	15 Min.	Final Circ.	PSI:	400	Disp:Bbl 71.00
				Cement Slurry:	BBI	133.0	
				Total Volume	BBI	214.00	

CUSTOMER REPRESENTATIVE Clark Heller SIGNATURE

JOB SUMMARY			PROJECT NUMBER sok 2117	TICKET DATE 11/15/12
COUNTY Comanche	State Kansas	COMPANY Sandridge Exploration & Production	CUSTOMER REP Claude Hallmark	
LEASE NAME Harold 3120	Well No. 2-26H	JOB TYPE Intermediate	EMPLOYEE NAME billy taff	

EMP NAME					
Billy Taff		0			
John Hall					
Wallace Berry					
Kevin Johnson					

Form. Name _____ Type: _____

Packer Type _____ Set At **4,169**

Bottom Hole Temp. **155** Pressure _____

Retainer Depth _____ Total Depth **5546**

Date	Called Out 11/16/2012	On Location 11/16/2012	Job Started 11/16/2012	Job Completed 11/16/2012
Time	10:30am	2:00pm	7:30pm	9:34pm

Tools and Accessories		
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		5,000
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			8 3/4"		Surface	5,546	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
Mud Type	WBM	Density	9 Lb/Gal
Disp. Fluid	Fresh Water	Density	8.33 Lb/Gal
Spacer type	resh Water BBL.		20 8.33
Spacer type	Caustic BBL.		10 8.40
Acid Type	Gal.		%
Acid Type	Gal.		%
Surfactant	Gal.		ln
NE Agent	Gal.		ln
Fluid Loss	Gal/Lb		ln
Gelling Agent	Gal/Lb		ln
Fric. Red.	Gal/Lb		ln
MISC.	Gal/Lb		ln
Perfpac Balls	Qty.		
Other			
Other			
Other			
Other			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
11/16	8.0	11/16	2.0	Intermediate
Total	8.0	Total	2.0	

Pressures			
MAX	5,000 PSI	AVG.	250
Average Rates in BPM			
MAX	8 BPM	AVG	5
Cement Left in Pipe			
Feet	91	Reason	SHOE JOINT

Cement Data							
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal	
1	175	50/50 POZ PREMIUM	4% Gel - 0.4% C-12 - 0.1% C-37 - 0.5% C-41P - 2 lb/sk Phenoseal	6.77	1.44	13.60	
2	100	Premium	0.4% C-12 - 0.1% C-37	5.20	1.18	15.60	
3	0	0		0	0.00	0.00	0.00

Summary							
Preflush	10	Type:	Caustic	Preflush:	BBI	20.00	Type: WEIGHTED SP.
Breakdown		MAXIMUM	5,000 PSI	Load & Bkdn:	Gal - BBI	N/A	Pad:Bbl -Gal N/A
		Lost Returns-N	NOTFULL	Excess /Return	BBI	N/A	Calc. Disp Bbl 209
		Actual TOC		Calc. TOC:		4169'	Actual Disp. 208.50
Average		Bump Plug PSI:	1,300	Final Circ.	PSI:	800	Disp:Bbl 208.50
ISIP	5 Min.	10 Min	15 Min	Cement Slurry:	BBI	65.8	
				Total Volume	BBI	294.30	

CUSTOMER REPRESENTATIVE Claude Hallmark SIGNATURE

JOB SUMMARY			PROJECT NUMBER SOK 2143	TICKET DATE 11/22/12
COUNTY Comanche	State Kansas	COMPANY Bridge Exploration & Produc	CUSTOMER REP Tommy	
LEASE NAME Harold 3120	Well No. 2-26H	JOB TYPE Liner	EMPLOYEE NAME Derek Lewis	

EMP NAME							
Derek Lewis		0.00					
Jessie McClain							
Rory Morris							
Emmit Brock							

Form. Name _____ Type: _____

Packer Type _____ Set At **0**

Bottom Hole Temp. **150** Pressure _____

Retainer Depth _____ Total Depth **0**

Date	Called Out	On Location	Job Started	Job Completed
	11/22/2012	11/22/2012	11/23/2012	11/23/2012
Time	1100	1800	0226	0500

Tools and Accessories

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

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	New	11.6	4 1/2			8787'	5,000
Liner Tool							
HWDP							
Drill Pipe			3 1/2"				
Drill Collars							
Open Hole			6 1/8"		Surface	8787'	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials

	WBM	Density		Lb/Gal
Mud Type		9.1		
Disp. Fluid	Fresh Water	8.33		
Spacer type	Fresh Water BBL.	20		8.33
Spacer type	Caustic BBL.	10		8.40
Acid Type	Gal.		%	
Acid Type	Gal.		%	
Surfactant	Gal.		ln	
NE Agent	Gal.		ln	
Fluid Loss	Gal/Lb		ln	
Gelling Agent	Gal/Lb		ln	
Fric. Red.	Gal/Lb		ln	
MISC.	Gal/Lb		ln	

Perfpac Balls _____ Qty. _____

Other _____

Other _____

Other _____

Other _____

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
11/22	11.0	11/23	3.0	Liner
				Had to Cement @ 8787'
				Due to Casing getting Stuck
Total	11.0	Total	3.0	

Pressures

MAX 5,000 PSI	AVG _____
Average Rates in BPM	
MAX 7 BPM	AVG _____
Cement Left in Pipe	
Feet 90'	Reason SHOE JOINT

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	460	50/50 Premium Poz	(4%Gel) - .4% C12 - .1% C37 - 0.5% C-41P - 2 Lb/Sk Phenoseal	6.77	1.44	13.60
2	0	0		0	0.00	0.00
3	0	0		0	0.00	0.00

Summary

Preflush Breakdown	C-63	Type: _____	Caustic	Preflush: BBI	30.00	Type: 8.59#/SPACER
		MAXIMUM	3,500 PSI	Load & Bkdn: Gal - BBI	N/A	Pad:Bbl -Gal N/A
		Lost Returns-N	NO/FULL	Excess /Return BBI	N/A	Calc. Disp Bbl 109
		Actual TOC	4.697'	Calc. TOC:	4,668'	Actual Disp. 108.50
Average		Bump Plug PSI:	2,300	Final Circ. PSI:	1,280	Disp:Bbl 108.50
ISIP	5 Min.	10 Min	15 Min	Cement Slurry: BBI	116.0	
				Total Volume BBI	254.50	

CUSTOMER REPRESENTATIVE _____ SIGNATURE _____