



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

Customer : SAN400

BILL TO : SANDRIDGE ENERGY  
123 ROBERT S KERR AVENUE  
OKLAHOMA CITY, OK 73102-8408  
PHONE: (405) 753-5500 FAX: ()

Division : 0701  
Delivery Ticket : 4088  
Delivery Date : 1/28/2013  
Office : 12/1/1901

*Jan 12051*

Ordered By :  
Lease/Well : HAZEL 3120 1-24H  
Rig Name/Number : LARIAT 45  
AFE Number :  
Site Contact :

Qty	Description	Min / Standby / Usage Charge	Add Day	Unit Price	Start Date / Stop Date	Extended Line Total
1	HAZEL 3120 1-24H	\$21,750.00	\$0.00	\$21,750.00	1/23/2013 1/23/2013	\$21,750.00
120	DRILLED 30" CONDUCTOR HOLE	\$0.00	\$0.00	\$0.00	1/23/2013 1/23/2013	
120	20" CONDUCTOR PIPE (.250 WALL)	\$0.00	\$0.00	\$0.00	1/23/2013 1/23/2013	
1	6'X6' CELLAR TINHORN WITH PROTECTIVE RING	\$0.00	\$0.00	\$0.00	1/23/2013 1/23/2013	
1	DRILL & INSTALL 6'X6' CELLAR TINHORN	\$0.00	\$0.00	\$0.00	1/23/2013 1/23/2013	
75	DRILLED 20" MOUSE HOLE (PER FOOT)	\$0.00	\$0.00	\$0.00	1/23/2013 1/23/2013	
75	16" CONDUCTOR PIPE (.250 WALL)	\$0.00	\$0.00	\$0.00	1/23/2013 1/23/2013	
1	MOBILIZATION OF EQUIPMENT & ROAD PERMITTING FEE	\$0.00	\$0.00	\$0.00	1/23/2013 1/23/2013	
1	WELDING SERVICES FOR PIPE & LIDS	\$0.00	\$0.00	\$0.00	1/23/2013 1/23/2013	
1	PROVIDED EQUIPMENT & LABOR FOR DIRT REMOVAL	\$0.00	\$0.00	\$0.00	1/23/2013 1/23/2013	
1	PROVIDED METAL LIDS (1 FOR CONDUCTOR & 2 FOR THE MOUSEHOLE PIPE)	\$0.00	\$0.00	\$0.00	1/23/2013 1/23/2013	
13	CEMENT 10 SACK GROUT	\$0.00	\$0.00	\$0.00	1/23/2013 1/23/2013	
Sub Total:		\$21,750.00	\$0.00			\$21,750.00

AFE Number: DC 12601  
Well Name: Hazel 3120 1-24H  
Code: 850.010  
Amount: 21,750.00  
Co. Man: Lawrence Rogers  
Co. Man Sig.: [Signature]  
Notes: [Signature]

Print Name \_\_\_\_\_  
Signature \_\_\_\_\_

<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK 2406</b>	TICKET DATE <b>02/07/13</b>
COUNTY <b>Comanche</b>	State <b>Kansas</b>	COMPANY <b>Sandridge Exploration &amp; Production</b>	CUSTOMER REP <b>Bill</b>	
LEASE NAME <b>Hazel 3120</b>	Well No. <b>1-24H</b>	JOB TYPE <b>Surface</b>	EMPLOYEE NAME <b>Johnny Breeze</b>	

EMP NAME	Johnny Breeze	0					
	Arthur Setzar						
	Dustin Odom						
	Flo Helkena						

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_

Packer Type \_\_\_\_\_ Set At \_\_\_\_\_ 0

Bottom Hole Temp. \_\_\_\_\_ 80 Pressure \_\_\_\_\_

Retainer Depth \_\_\_\_\_ Total Depth \_\_\_\_\_ 300'

	Called Out	On Location	Job Started	Job Completed
Date	2/7/2013	2/7/2013	2/7/2013	2/8/2013
Time	0900	1500	2248	0030

Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Val	0	IR
Centralizers	0	IR
Top Plug	1	IR
HEAD	1	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		68#	13	3/8	Surface	294	5,000
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			17	1/2"	Surface	300'	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.	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	
2/7	9.0	2/8	4.0	Surface
Total	9.0	Total	4.0	

Perfpac Balls \_\_\_\_\_ Qty. \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Pressures	
MAX	1,000 PSI
AVG.	150
Average Rates in BPM	
MAX	6 BPM
AVG.	5
Cement Left in Pipe	
Feet	37
Reason	SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	250	EX Lite Premium Plus 65	(6% Gel) 2% Calcium Chloride - 1/4pps Cello-Flake - .5% C-41P	10.88	1.84	12.70
2	120	Premium Plus (Class C)	2% Calcium Chloride - 1/4pps Cello-Flake	6.32	1.32	14.80
3	100	Premium Plus (Class C)	* 2% Calcium Chloride (On the Side)	6.32	1.32	14.80

Summary			
Preflush Breakdown	Type: _____	Preflush: BBI	10.00
	MAXIMUM	Load & Bkdn: Gal - BBI	N/A
	Lost Returns-N	Excess /Return BBI	30
	Actual TOC	Calc. TOC:	Surface
Average	Bump Plug PSI:	Final Circ. PSI:	160
ISP _____ 5 Min.	10 Min _____	Cement Slurry: BBI	110.1
	15 Min _____	Total Volume BBI	158.58

CUSTOMER REPRESENTATIVE Bill Jorlett SIGNATURE

<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK 2413</b>	TICKET DATE <b>02/08/13</b>
COUNTY <b>Commanche</b>	State <b>Kansas</b>	COMPANY <b>Hridge Exploration &amp; Produc</b>	CUSTOMER REP <b>Tommy Whitlow</b>	
LEASE NAME <b>Hazel 3120</b>	Well No. <b>1-24H</b>	JOB TYPE <b>Surface</b>	EMPLOYEE NAME <b>L. ARNEY</b>	

EMP NAME					
L. ARNEY		0			
J. JONES					
G. WOMACK					
D. TEWELL					

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_

Packer Type \_\_\_\_\_ Set At 0

Bottom Hole Temp. 80 Pressure \_\_\_\_\_

Retainer Depth \_\_\_\_\_ Total Depth 0

Date	Called Out	On Location	Job Started	Job Completed
	<b>2/8/2013</b>	<b>2/8/2013</b>	<b>2/9/2013</b>	<b>2/9/2013</b>
Time		<b>14:00</b>	<b>11:00</b>	<b>13:00</b>

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
Casing		36#	9 5/8"		Surface
Liner					
Liner					
Tubing			0		
Drill Pipe					
Open Hole			12 1/4"		Surface 0
Perforations					
Perforations					
Perforations					

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

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
2/8	10.0	2/9	2.0	Surface
2/9	13.0			
Total 23.0		Total 2.0		

Perfpac Balls \_\_\_\_\_ Qty. \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Pressures			
MAX	1,500 PSI	AVG	250
Average Rates in BPM			
MAX	6 BPM	AVG	5
Cement Left in Pipe			
Feet	41	Reason	SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	300	EX Lite Premium Plus 65	(6% Gel) 2% Calcium Chloride - 1/4pps Cello-Flake - .5% C-41P	10.88	1.84	12.70
2	160	Premium Plus (Class C)	2% 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 _____	Lost Returns-N _____	Actual TOC _____	Bump Plug PSI: _____
Average ISIP _____	5 Min. _____	10 Min. _____	15 Min. _____	Final Circ. PSI: _____	Cement Slurry: BBI _____
				Total Volume BBI _____	

CUSTOMER REPRESENTATIVE Bill Forsett SIGNATURE

<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK 2440</b>	TICKET DATE <b>02/16/13</b>
COUNTY <b>Comanche</b>	State <b>Kansas</b>	COMPANY <b>Sandridge Exploration &amp; Production</b>	CUSTOMER REP <b>Tommy Whitlow</b>	
LEASE NAME <b>Hazel 3120</b>	Well No. <b>1-24H</b>	JOB TYPE <b>Intermediate</b>	EMPLOYEE NAME <b>NATHAN COTTA</b>	

EMP NAME <b>NATHAN COTTA</b>	<b>WALLACE</b>				
<b>BRETT ARMER</b>					
<b>WESLEY T.</b>					
<b>VONTREY</b>					

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_  
Packer Type \_\_\_\_\_ Set At **4,190'**  
Bottom Hole Temp. **155** Pressure \_\_\_\_\_  
Retainer Depth \_\_\_\_\_ Total Depth **5,482'**

Date	Called Out	On Location	Job Started	Job Completed
	<b>2.16.13</b>	<b>2.17.13</b>	<b>2.17.13</b>	<b>2.17.13</b>
Time	<b>2000</b>	<b>0000</b>	<b>700</b>	<b>900</b>

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
Casing		26#	7"		Surface	
Liner						
Liner						
Tubing			0			
Drill Pipe						
Open Hole			8 3/4"		Surface	5,507'
Perforations						Shots/Ft.
Perforations						
Perforations						

Materials			
	WBM	Density	Lb/Gal
Disp. Fluid	Fresh Water	Density	<b>8.33</b>
Spacer type	resh Water BBL.		<b>20</b>
Spacer type	Caustic BBL.		<b>10</b>
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	
<b>2.17.13</b>	<b>9.0</b>	<b>2.17.13</b>	<b>1.0</b>	Intermediate
Total	<b>9.0</b>	Total	<b>1.0</b>	

Perfpac Balls \_\_\_\_\_ Qty. \_\_\_\_\_  
Other \_\_\_\_\_  
Other \_\_\_\_\_  
Other \_\_\_\_\_  
Other \_\_\_\_\_

Pressures			
MAX	3500	AVG	550
Average Rates in BPM			
MAX	5 BPM	AVG	5
Cement Left in Pipe			
Feet	84	Reason	SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	130	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

Summary					
Preflush Breakdown	<b>10</b>	Type: _____	Caustic	Preflush: BBI	<b>30.00</b>
		MAXIMUM	5,000 PSI	Load & Bkdn: Gal - BBI	N/A
		Lost Returns-N	NO/FULL	Excess /Return BBI	N/A
		Actual TOC	4.159	Calc. TOC:	4.159
Average		Bump Plug PSI:	1.600	Final Circ. PSI:	1.100
5 Min		10 Min	15 Min	Cement Slurry: BBI	<b>54.0</b>
				Total Volume BBI	<b>290.00</b>
				Type: WEIGHTED SP.	
				Pad:Bbl -Gal	N/A
				Calc.Disp Bbl	206
				Actual Disp.	206.00
				Disp:Bbl	206.00

CUSTOMER REPRESENTATIVE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

