



**\*\*\*Conductor, Rat and Mouse Hole Drilling Services\*\*\***

**Ticket**

Company:

Date: 9/1/2012

**Sandridge**

Drill Rig: Unit 9	Location: Barber County	Lease Name: Williams 3510 #4-11H <b>DC12099</b>
<b>90' of 30" Drilled Conductor Hole</b> <b>90' of 20" Conductor Pipe(.250 wall) 82ppf</b> <b>6'x6' Cellar Tinhorn W/Protective Ring</b> <b>Drill &amp; Install cellar.</b> <b>80' of 20" Drilled Moushole</b> <b>80' of 16" Moushole Pipe</b> <b>Mobilization of Equipment &amp; Road Permitting Fee</b> <b>Welding Services for Pipe &amp; Lids</b> <b>Provided Equipment &amp; Labor for Dirt Removal</b> <b>Provided Personal to Facilitate Diggtess(One Call)</b> <b>Provide Metal for Lids(1 for the Conductor and 2 for the Mouse hole pipe)</b> <b>10 Yards of 4500PSI concrete Poured down the back side of Conductor Pipe</b>		AFE Number: <u>DC-12099</u> Well Name: <u>Williams 3510 11-4H</u> Code: <u>850-010</u> Amount: <u>18,550.00</u> Co. Man: <u>Dwayne Burt</u> Co. Man Sig.: <u>Dwayne Burt</u> Notes: _____
Comments:) Thank You For Your Business If a caving formation and (or) water is found addition fee(s) will be add to cover the cost of tank trucks, vacuum trucks, and cement pump trucks. Prices figured on non-rocky soil conditions, if rock is present then there will be a surcharge.		<b>Total \$18,550.00</b>

<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK1879</b>	TICKET DATE <b>09/12/12</b>
COUNTY <b>Barber</b>	State <b>Kansas</b>	COMPANY <b>Bridge Exploration &amp; Produc</b>	CUSTOMER REP <b>Savage/Burt</b>	
LEASE NAME <b>Williams</b>	Well No. <b>1510 4-111</b>	JOB TYPE <b>Surface</b>	EMPLOYEE NAME <b>Robert Burris</b>	

EMP NAME					
<b>Robert Burris</b>	<b>Vontrey</b>				
<b>Bryan Douglas</b>	<b>Dustin Odom</b>				
<b>Jessie McClain</b>					
<b>Frank James</b>					

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

Packer Type \_\_\_\_\_ Set At 0  
 Bottom Hole Temp. 80 Pressure \_\_\_\_\_  
 Retainer Depth \_\_\_\_\_ Total Depth 950

Date	Called Out <b>9/14/2012</b>	On Location <b>9/14/2012</b>	Job Started <b>9/15/2012</b>	Job Completed <b>9/15/2012</b>
Time	<b>22:00</b>	<b>23:30</b>	<b>05:33</b>	<b>06:36</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	924
Liner						
Liner						
Tubing			0			
Drill Pipe						
Open Hole			12 1/4"		Surface	920
Perforations						Shots/Ft.
Perforations						
Perforations						

Materials			
	WBM	Density	Lb/Gal
Disp. Fluid	Fresh Water	8.33	Lb/Gal
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	

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

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
9/14	5.5	9/15	1.3	Surface
Total	6.5	Total	1.3	

Pressures	
MAX	1,500 PSI
AVG.	450
Average Rates in BPM	
MAX	6 BPM
AVG	5
Cement Left in Pipe	
Feet	47
Reason	SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	390	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)	1% Calcium Chloride - 1/4pps Cello-Flake	6.32	1.32	14.80
3	0	0		0	0.00	0.00

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
	Actual TOC	SURFACE		Excess /Return BBI	32	Calc. Disp Bbl
Average	Bump Plug PSI:	1,000		Calc. TOC:	SURFACE	Actual Disp.
ISIP _____ 5 Min.	10 Min	15 Min		Final Circ. PSI:	450	Disp:Bbl
				Cement Slurry: BBI	156.0	
				Total Volume	BBI	238.60

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



<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK1970</b>	TICKET DATE <b>10/08/12</b>
COUNTY <b>Barber</b>	State <b>Kansas</b>	COMPANY <b>Sandridge Exploration &amp; Production</b>	CUSTOMER REP <b>Dwayne Burt</b>	
LEASE NAME <b>William</b>	Well No. <b>1510 4-11</b>	JOB TYPE <b>Intermediate</b>	EMPLOYEE NAME <b>Matt Wilson</b>	

EMP NAME				
<b>Matt Wilson</b>	<b>vontray</b>			
<b>Arthur Setzar</b>				
<b>Jared Green</b>				
<b>David Thomas</b>				

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

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

Bottom Hole Temp. **155** Pressure \_\_\_\_\_

Retainer Depth \_\_\_\_\_ Total Depth **5288**

	Called Out	On Location	Job Started	Job Completed
Date	<b>10/9/2012</b>	<b>10/9/2012</b>	<b>10/9/2012</b>	<b>10/9/2012</b>
Time	<b>5:00 am</b>	<b>9:00 am</b>	<b>11:41am</b>	<b>2:00 pm</b>

Tools and Accessories		
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		26#	7"		Surface	5,273	6,000
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			8 3/4"		Surface	5,288	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
Mud Type	WBM	Density	<b>9</b> Lb/Gal
Disp. Fluid	Fresh Water	Density	<b>8.33</b> Lb/Gal
Spacer type	Fresh 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>10/9</b>	<b>4.0</b>	<b>10/9</b>	<b>4.0</b>	<b>Intermediate</b>
Total	<b>4.0</b>	Total	<b>4.0</b>	

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

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Pressures		
MAX	5,000 PSI	AVG. 300
Average Rates in BPM		
MAX	8 BPM	AVG 5
Cement Left in Pipe		
Feet	91	Reason SHOE JOINT

Cement Data		Additives		W/Rq.	Yield	Lbs/Gal
Stage	Sacks	Cement	Additives			
1	130	50/60 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	<b>10</b>	Type: Caustic	Preflush: BBI	<b>20.00</b>	Type: WEIGHTED SP.		
Breakdown		MAXIMUM	Load & Bkdn: Gal - BBI	<b>N/A</b>	Pad:Bbl -Gal	<b>N/A</b>	
		Lost Returns-N	Excess /Return BBI	<b>N/A</b>	Calc. Disp Bbl	<b>199</b>	
		Actual TOC	Calc. TOC:	<b>4,396</b>	Actual Disp.	<b>199.00</b>	
Average		Bump Plug PSI:	Final Circ. PSI:	<b>960</b>	Disp:Bbl		
ISIP	5 Min.	10 Min.	Cement Slurry: BBI	<b>54.0</b>			
		15 Min.	Total Volume	BBI	<b>273.00</b>		

CUSTOMER REPRESENTATIVE *Dwayne Burt* SIGNATURE \_\_\_\_\_

<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK1929</b>	TICKET DATE <b>09/28/12</b>
COUNTY <b>Barber</b>	STATE <b>Kansas</b>	COMPANY <b>Bridge Exploration &amp; Produc</b>	CUSTOMER REP <b>Ron Savage</b>	
LEASE NAME <b>William 3510</b>	Well No. <b>4-11H</b>	JOB TYPE <b>Liner</b>	EMPLOYEE NAME <b>Larry Kirchner Jr.</b>	

EMP NAME	<b>Larry Kirchner Jr.</b>	<b>Vontray Watkins</b>					
	<b>John Hall</b>						
	<b>Emmit Brock</b>						
	<b>Robert Stonehocker</b>						

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

Packer Type \_\_\_\_\_ Set At **5,274**

Bottom Hole Temp. **150** Pressure \_\_\_\_\_

Retainer Depth \_\_\_\_\_ Total Depth **9247**

Date	Called Out	On Location	Job Started	Job Completed
	<b>9/27/2012</b>	<b>9/27/2012</b>	<b>9/28/2012</b>	<b>9/28/2012</b>
Time	<b>7:00PM</b>	<b>10:00PM</b>	<b>12:13AM</b>	<b>2:30AM</b>

Type and Size	Qty	Make
Auto Fill Tube	0	<b>Weatherford</b>
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	

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing		11.6	4 1/2		4,851	9,248'	3,500
Liner Tool							3,500
HWDP					Surface	3,456	3,500
Drill Pipe			3 1/2"		3,456	4,851'	3,500
Drill Collars							3,500
Open Hole			6 1/8"		Surface	9,248	Shots/Ft.
Perforations							
Perforations							
Perforations							

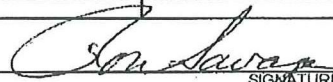
Materials			
Mud Type	WBM	Density	<b>9.1</b> Lb/Gal
Disp. Fluid	Fresh Water	Density	<b>8.33</b> Lb/Gal
Spacer type	resh Water BBL.		<b>20</b> 8.33
Spacer type	Caustic BBL.		<b>10</b> 8.40
Acid Type	Gal.	%	
Acid Type	Gal.	%	
Surfactant	Gal.	In	
NE Agent	Gal.	In	
Fluid Loss	Gal/Lb	In	
Gelling Agent	Gal/Lb	In	
Fric. Red.	Gal/Lb	In	
MISC.	Gal/Lb	In	
Perfpac Balls	Qty.		
Other			
Other			
Other			
Other			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
9/27	2.0	9/28	2.0	Liner
9/28	2.5			
Total	4.5	Total	2.0	

Pressures			
MAX	3,500 PSI	AVG	200
Average Rates in BPM			
MAX	6 BPM	AVG	4
Cement Left in Pipe			
Feet	88	Reason	SHOE JOINT

Cement Data			
Stage	Sacks	Cement	Additives
1	290	50/50 Premium Poz	(4%Gel) - .4% C12 - .1% C37 - 0.5% C-41P - 2 Lb/Sk Phenoseal
2	0	0	0 6.77 1.44 13.60
3	0	0	0 0.00 0.00 0.00

Summary			
Preflush Breakdown	10- _____	Type: Caustic	Preflush: BBI
	MAXIMUM	3,500 PSI	Load & Bkdn: Gal - BBI
	Lost Returns-N	NO/FULL	Excess /Return BBI
	Actual TOC	4,697'	Calc. TOC:
Average	Bump Plug PSI:		Final Circ. PSI:
ISIP 5 Min.	10 Min.	15 Min.	Cement Slurry: BBI
			Total Volume BBI
			250.54

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