



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

Ticket

Company:

Date: 7/27/2012

Sandridge

Drill Rig: Lariate 45	Location: Commanche County	Lease Name: Ellis 3119 #2-19H	DC 12158
120' of 30" Drilled Conductor Hble 120' of 20" Conductor Pipe(.250 wall) 82ppf 6'x6' Cellar Tinhorn W/Protective Ring Drill & Install cellar 80' of 20" Drilled Moushole 80' of 16" Moushole Pipe Mobilization of Equipment & Road Permitting Fee Welding Services for Pipe & Lids Provided Equipment & Labor for Dirt Removal Provided Personal to Facilitate Diggtess(One Call) Provide Metal for Lids(1 for the Conductor and 2 for the Mouse hole pipe) 11 Yards of 4500PSI concrete Poured down the back side of Conductor Pipe		AFE Number: <u>DC 12158</u> Well Name: <u>Ellis 3119 2-19H</u> Code: <u>850.010</u> Amount: <u>28,680.00</u> Co. Man: <u>[Signature]</u> Co. Man Sig.: <u>[Signature]</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.		Total \$28,680.00	

# JOB SUMMARY

<b>PROJECT NUMBER</b> <b>SOK1715</b>		<b>TICKET DATE</b> <b>08/02/12</b>	
<b>COUNTY</b> <b>Comanche</b>		<b>STATE</b> <b>Kansas</b>	
<b>COMPANY</b> <b>Bridge Exploration &amp; Produc</b>		<b>CUSTOMER REP</b> <b>Claude Hallmark</b>	
<b>LEAD NAME</b> <b>Ellis</b>		<b>WELL NO.</b> <b>1119 2-19</b>	
<b>JOB TYPE</b> <b>Surface</b>		<b>EMPLOYEE NAME</b> <b></b>	

0.00	0		
0.00			
0.00			
0.00			

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_  
 Packer Type \_\_\_\_\_ Set At \_\_\_\_\_ 0  
 Bottom Hole Temp. 80 Pressure \_\_\_\_\_  
 Retainer Depth \_\_\_\_\_ Total Depth 300

Date	Called Out	On Location	Job Started	Job Completed		
	8/2/2012	#	8/3/2012	8/3/2012		
Time	4:00 pm	Time	9:00 pm	Time	2:28 am	5:00 am

**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		66#	13 3/8"		Surface	323	1,500
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			17 1/2"		Surface	323	Shots/Ft.
Perforations							
Perforations							
Perforations							

**Materials**

	WBM	Density	9	Lb/Gal
Mud Type	Fresh Water	Density	8.33	Lb/Gal
Disp. Fluid	resh Water	BBL.	10	8.33
Spacer type	BBL.			
Spacer type	Gal.			%
Acid Type	Gal.			%
Acid Type	Gal.			In
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	
8/2	3.0	8/3	4.0	Surface
8/3	5.0			
<b>Total</b>	<b>8.0</b>	<b>Total</b>	<b>4.0</b>	

**Pressures**

MAX	1,500 PSI	AVG	150
<b>Average Rates in BPM</b>			
MAX	6 BPM	AVG	4
<b>Cement Left in Pipe</b>			
Feet	44	Reason	SHOE JOINT

**Cement Data**

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	200	EX Lite Premium Plus 66 (6% Gel)	2% Calcium Chloride - 1/4pps Cello-Flake - .5% C-41P	10.88	1.84	12.70
2	120	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	14.80

**Summary**

Preflush Breakdown	Type: _____	MAXIMUM _____	1,500 PSI	Preflush: BBI _____	10.00	Type: _____	Fresh Water
	Lost Returns-N _____	Actual TOC _____	NO/FULL	Load & Bkdn: Gal - BBI _____	N/A	Pad:Bbl -Gal _____	N/A
	Bump Plug PSI: _____	10 Min _____	15 Min _____	Excess /Return BBI _____	30	Calc. Disp Bbl _____	37
Average	_____	_____	_____	Calc. TOC: _____	SURFACE	Actual Disp. _____	37.00
ISIP _____	5 Min _____	10 Min _____	15 Min _____	Final Circ. PSI: _____	350	Disp:Bbl _____	
				Cement Slurry: BBI _____	98.0		
				Total Volume BBI _____	145.00		

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

<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK 1721</b>	TICKET DATE <b>08/03/12</b>
COUNTY <b>Comanche</b>	State <b>Kansas</b>	COMPANY <b>Bridge Exploration &amp; Produc</b>	CUSTOMER REP <b>Claude Hallmark</b>	
LEASE NAME <b>Ellis</b>	Well No. <b>1119 2-19</b>	JOB TYPE <b>Surface</b>	EMPLOYEE NAME <b>Robert Burris</b>	

EMP NAME	Robert Burris	Frank Reeves				
	Bryan Douglas					
	Emmit Brock					
	Jessie McClain					

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

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

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

Retainer Depth \_\_\_\_\_ Total Depth 1050

Date	Called Out <b>8/4/2012</b>	On Location <b>8/4/2012</b>	Job Started <b>8/4/2012</b>	Job Completed <b>8/4/2012</b>
Time	<b>14:30</b>	<b>17:20</b>	<b>18:02</b>	<b>19:02</b>

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	1,057	1,500
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			12 1/4"		Surface	1,050	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials	WBM	Density	Lb/Gal
Mud Type		9	
Disp. Fluid	Fresh Water	8.33	
Spacer type	Fresh 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	
8/4	2.5	8/4	1.0	Surface
Total	2.5	Total	1.0	

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

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Pressures		Average Rates in BPM	
MAX	1,500 PSI	AVG.	475
MAX	6 BPM	AVG	5
Feet	91	Cement Left in Pipe SHOE JOINT	

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	285	EX Lite Premium Plus 65 (6% Gel)	2% Calcium Chloride - 1/4pps Cello-Flake - .6% 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	14.80

Summary			
Preflush Breakdown	Type: _____	Preflush: BBI	10.00
	MAXIMUM 1,500 PSI	Load & Bkdn: Gal - BBI	N/A
	Lost Returns-N NO/FULL	Excess /Return BBI	35
	Actual TOC SURFACE	Calc. TOC:	SURFACE
Average	Bump Plug PSI: 1,025	Final Circ. PSI:	500
ISIP 5 Min.	10 Min _____	Cement Slurry: BBI	_____
	15 Min _____	Total Volume BBI	85.00

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

<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK1748</b>	TICKET DATE <b>08/10/12</b>
COUNTY <b>COMANCHE</b>	State <b>KANSAS</b>	COMPANY <b>Sandridge Exploration &amp; Production</b>	CUSTOMER REP <b>Jessie Knew</b>	
LEASE NAME <b>ELLIS</b>	Well No. <b>1119 2-19</b>	JOB TYPE <b>Intermediate</b>	EMPLOYEE NAME <b>Larry Kirchner Jr.</b>	

EMP NAME <b>Larry Kirchner Jr.</b>	<b>0</b>				
<b>John Hall</b>					
<b>Robert Stonehocker</b>					
<b>Wallace Berry</b>					

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

Packer Type \_\_\_\_\_ Set At **4,305**

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

Retainer Depth \_\_\_\_\_ Total Depth **5645**

Date	Called Out <b>8/10/2012</b>	On Location <b>8/10/2012</b>	Job Started <b>8/10/2012</b>	Job Completed <b>8/10/2012</b>
Time	<b>12:00PM</b>	<b>5:00PM</b>	<b>10:25PM</b>	<b>11:45PM</b>

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	New	26#	7"		Surface	5,645'	6,000
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			8 3/4"		Surface	5,645	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	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.	ln	
NE Agent	Gal.	ln	
Fluid Loss	Gal/Lb	ln	
Gelling Agent	Gal/Lb	ln	
Fric. Red.	Gal/Lb	ln	
MISC.	Gal/Lb	ln	

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
8/10	6.8	8/10	2.0	Intermediate
Total	6.8	Total	2.0	

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

Other \_\_\_\_\_

Other \_\_\_\_\_


Other \_\_\_\_\_

Other \_\_\_\_\_

Pressures			
MAX	5,000 PSI	AVG.	400
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	120	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	<b>10</b>	Type:	Caustic	Preflush:	BBI	<b>20.00</b>	Type:	WEIGHTED SP.
Breakdown		MAXIMUM	5,000 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	212
		Actual TOC		Calc. TOC:		4,289'	Actual Disp.	210.00
Average		Bump Plug PSI:		Final Circ.	PSI:	1,300	Disp:Bbl	
ISIP	5 Min.	10 Min.	15 Min.	Cement Slurry:	BBI	52.0		
				Total Volume	BBI	282.00		

CUSTOMER REPRESENTATIVE  SIGNATURE

<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK 1764</b>	TICKET DATE <b>08/15/12</b>
COUNTY <b>Comanche</b>	State <b>Kansas</b>	COMPANY <b>Bridge Exploration &amp; Produc</b>	CUSTOMER REP <b>Claude Hallmark</b>	
LEASE NAME <b>Ellis</b>	Well No. <b>1119 2-191</b>	JOB TYPE <b>Liner</b>	EMPLOYEE NAME <b>Robert Burris</b>	

EMP NAME	<b>Robert Burris</b>	<b>Jessie McClain</b>			
	<b>Derek Lewis</b>				
	<b>Emmit Brock</b>				
	<b>Rocky Anthis</b>				

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_  
Packer Type \_\_\_\_\_ Set At **5,646**  
Bottom Hole Temp. **150** Pressure \_\_\_\_\_  
Retainer Depth \_\_\_\_\_ Total Depth **9605**

Date	Called Out	On Location	Job Started	Job Completed
	<b>8/8/2015</b>	<b>8/16/2012</b>	<b>8/15/2012</b>	<b>8/15/2012</b>
Time	<b>10:30</b>	<b>13:40</b>	<b>24:20</b>	<b>02:30</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	

Well Data							
	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing		11.6	4 1/2		5,233'	9,543'	3,500
Liner Tool					5,215'	5,233'	3,500
HWDP					3,836.33'	5,215'	3,500
Drill Pipe			3 1/2"		Surface	3,836.33'	3,500
Drill Collars							3,500
Open Hole			6 1/8"		Surface	9,605	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials				
Mud Type	WBM	Density	9.1	Lb/Gal
Disp. Fluid	Fresh Water	Density	8.33	Lb/Gal
Spacer type	Gel	BBL	30	8.59
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	
8/15	13.0	8/15	1.0	Liner
Total	13.0	Total	1.0	

Pressures	
MAX 5000 PSI	AVG. 1000
Average Rates in BPM	
MAX 6 BPM	AVG 4
Cement Left in Pipe	
Feet 92	Reason SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	475	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	Type: _____	MAXIMUM _____	3,500 PSI	Preflush: BBI	30.00
	Lost Returns-N	NO/FULL		Load & Bkdn: Gal - BBI	N/A
	Actual TOC	5,248		Excess /Return BBI	N/A
Average	Bump Plug PSI:	1,800		Calc. TOC:	5,248
ISIP _____ 5 Min.	10 Min _____	15 Min _____		Final Circ. PSI:	825
				Cement Slurry: BBI	121.8
				Total Volume BBI	265.80

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