



1194192

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No  List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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**BASIN SERVICES, LLC**  
 P O BOX 4268  
 ABILENE, TX 79608-4268  
 Phone # (325)690-0053  
 Fax # (325)698-0055

# TICKET

TICKET NUMBER: WY-161-1  
 TICKET DATE: 11/17/2013

**ELECTRONIC**

SANDRIDGE ENERGY  
 \*\*\*\*\* BILL IN ADP!! \*\*\*\*\*  
 123 ROBERT S KERR AVE  
 OKLAHOMA CITY, OK 73102-6406

YARD: WY WAYNOKA OK  
 LEASE: Lanie 3408  
 WELL#: 2-32H  
 RIG #: Lariat 40  
 Co/St: HARPER, KS

DESCRIPTION	QUANTITY	RATE	AMOUNT
11/14-17/2013 DRILLED 30" CONDUCTOR HOLE			
11/14-17/2013 20" CONDUCTOR PIPE (.250 WALL)			
11/14-17/2013 6' X 6' CELLAR TINHORN WITH PROTECTIVE RING			
11/14-17/2013 DRILL & INSTALL 6' X 6' CELLAR TINHORN			
11/14-17/2013 DRILLED 20" MOUSE HOLE (PER FOOT)			
11/14-17/2013 16" CONDUCTOR PIPE (.250 WALL)			
11/14-17/2013 MOBILIZATION OF EQUIPMENT & ROAD PERMITTING FEE			
11/14-17/2013 WELDING SERVICES FOR PIPE & LIDS			
11/14-17/2013 PROVIDED EQUIPMENT & LABOR TO ASSIST IN PUMPING CONCRETE			
11/14-17/2013 PROVIDED METAL LIDS (1 FOR CONDUCTOR & 2 FOR MOUSEHOLE PIPE)			
11/14-17/2013 22 YDS OF 10 SACK GROUT			
11/14-17/2013 TAXABLE ITEMS			6,120.00
11/14-17/2013 BID - TAXABLE ITEMS			12,880.00
		Sub Total:	19,000.00
		Tax HARPER COUNTY (6.15 %):	376.38
		<b>TICKET TOTAL:</b>	<u>\$ 19,376.38</u>

I, the undersigned, acknowledge the acceptance of the above listed goods and/or services.

Approved Signature \_\_\_\_\_



<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK 3199</b>	TICKET DATE <b>11/22/13</b>
COUNTY <b>Harper</b>	State <b>Kansas</b>	COMPANY <b>Bridge Exploration &amp; Produc</b>	CUSTOMER REP <b>Torrey</b>	
LEASE NAME <b>Lanie 3408</b>	Well No. <b>2-32H</b>	JOB TYPE <b>Surface</b>	EMPLOYEE NAME <b>Daniel Wells</b>	

EMP NAME					
Daniel Wells					
Scott Woods					
Rocky Anthis					

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_  
Packer Type \_\_\_\_\_ Set At **0**  
Bottom Hole Temp. **80** Pressure \_\_\_\_\_  
Retainer Depth \_\_\_\_\_ Total Depth **790'**

Date	Called Out <b>11/21/2013</b>	On Location <b>11/21/2013</b>	Job Started <b>11/22/2013</b>	Job Completed <b>11/22/2013</b>
Time	<b>0530</b>	<b>0800</b>	<b>0000</b>	<b>0115</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		36#	9"		Surface	790'	1,500
Liner							
Liner							
Tubing			0				
Drill Pipe							
Open Hole			12 1/4"		Surface	787	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 Wate	BBL.	<b>10</b> 8.33
Spacer type	BBL.		
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			
Other			

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
11/21	18.0	11/22	1.2	Surface
Total	18.0	Total	1.2	

Pressures	
MAX	1,500 PSI
AVG.	200
Average Rates in BPM	
MAX	6 BPM
AVG	4
Cement Left in Pipe	
Feet	46.75'
Reason	SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	205	EX Lite Premium Plus 65	(6% Gel) 2% Calcium Chloride - 1/2pps Cello-Flake - .5% C-41P	11.11	2.01	12.40
2	130	Premium Plus (Class C)	2% Calcium Chloride - 1/2pps Cello-Flake	6.32	1.32	14.80

Summary								
Preflush	_____	Type:	_____	Preflush:	BBI	<b>10.00</b>	Type:	Fresh Water
Breakdown	_____	MAXIMUM	<b>1,500 PSI</b>	Load & Bkdn:	Gal - BBI	<b>N/A</b>	Pad:Bbl -Gal	<b>N/A</b>
	_____	Lost Returns-N	<b>NO/FULL</b>	Excess /Return	BBI	<b>40</b>	Calc.Disp Bbl	<b>57</b>
	_____	Actual TOC	<b>SURFACE</b>	Calc. TOC:		<b>SURFACE</b>	Actual Disp.	<b>57.50</b>
Average	_____	Bump Plug PSI:	<b>1,000</b>	Final Circ.	PSI:	<b>230</b>	Disp:Bbl	<b>57.50</b>
ISIP	5 Min. _____	10 Min. _____	15 Min. _____	Cement Slurry:	BBI	<b>104.0</b>		
				Total Volume	BBI	<b>171.50</b>		

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

# JOB SUMMARY

<b>PROJECT NUMBER</b> SOK 3231			<b>TICKET DATE</b> 12/02/13		
<b>COUNTY</b> Harper		<b>State</b> Kansas		<b>COMPANY</b> Sandridge Exploration & Production	
<b>LEASE NAME</b> Lanie 3408			<b>Well No.</b> 2-32H		<b>JOB TYPE</b> Intermediate
<b>EMP NAME</b> Louis Arney			<b>CUSTOMER REP</b> Torrey Price		
<b>EMP NAME</b> Eric Parsons			<b>EMPLOYEE NAME</b> Louis Arney		

Louis Arney	Eric Parsons		
Marcos Quintana			
Danny Tewell			
David Settlemier			

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

Packer Type \_\_\_\_\_ Set At 3,592'

Bottom Hole Temp. 140 Pressure \_\_\_\_\_

Retainer Depth \_\_\_\_\_ Total Depth 5,489'

Date	Called Out	On Location	Job Started	Job Completed
		12/2/2013	12/2/2013	12/2/2013
Time		5:00pm	6:20pm	8:15pm

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

New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	26#	7"		Surface	5,489	5,000
Liner						
Tubing		0				
Drill Pipe						
Open Hole		8 1/2"		Surface	5,509'	Shots/Ft.
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	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	
12/2	4.0	12/2	2.0	Intermediate
Total	4.0	Total	2.0	

Pressures			
MAX	5,000 PSI	AVG.	300
Average Rates in BPM			
MAX	8 BPM	AVG	5
Cement Left in Pipe			
Feet	88	Reason	SHOE JOINT

Cement Data						
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	220	50/50 POZ PREMIUM	4% Gel - 0.2% FL-17 - 0.1% C-51 - 0.3% C-20 - 0.4% C-41P	6.93	1.43	13.60
2	100	Premium	0.2% FL-17 - 0.1% C-51 - 0.1% C-20 - 0.4% C-41P	5.19	1.19	15.60
3	0	0		0	0.00	0.00

Summary					
Preflush Breakdown	Type: _____	MAXIMUM _____	5,000 PSI	Preflush: BBI _____	30.00
	Lost Returns-N _____	NO/FULL _____		Load & Bkdn: Gal - BBI _____	N/A
	Actual TOC _____			Excess /Return BBI _____	N/A
Average	Bump Plug PSI: _____	1,280		Calc. TOC: _____	2,008
ISIP _____	5 Min _____	10 Min _____	15 Min _____	Final Circ. PSI: _____	760
				Cement Slurry: BBI _____	78.0
				Total Volume BBI _____	315.00

CUSTOMER REPRESENTATIVE Steve M. SIGNATURE