

<b>JOB SUMMARY</b>			PROJECT NUMBER <b>SOK 3585</b>	TICKET DATE <b>04/03/14</b>
COUNTY <b>Sumner</b>	State <b>Kansas</b>	COMPANY <b>Dridge Exploration &amp; Produc</b>	CUSTOMER REP <b>0</b>	
LEASE NAME <b>Ritter SWD 3404</b>	Well No. <b>1-22</b>	JOB TYPE <b>Surface</b>	EMPLOYEE NAME <b>Arthur Setzer</b>	

EMP NAME							
Arthur Setzer							
Jared Green							
David Settlemier							
0.00							

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_  
 Packer Type \_\_\_\_\_ Set At 0  
 Bottom Hole Temp. 80 Pressure \_\_\_\_\_  
 Retainer Depth \_\_\_\_\_ Total Depth 517

	Called Out	On Location	Job Started	Job Completed
Date	<u>4/2/2014</u>	<u>4/3/2014</u>	<u>4/3/2014</u>	<u>4/3/2014</u>
Time	<u>2200</u>	<u>0600</u>	<u>1035</u>	<u>1200</u>

Tools and Accessories		
Type and Size	Qty	Make
Auto Fill Tube	0	IR
Insert Float Va	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		24#	8 1/2"		Surface	520
Liner						
Liner						
Tubing			0			
Drill Pipe						
Open Hole			12 1/4"		Surface	517
Perforations						
Perforations						
Perforations						

Materials			
Mud Type	WBM	Density	Lb/Gal
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	

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

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
4/3	6.0	4/3	2.0	Surface
Total	6.0	Total	2.0	

MAX 1,500 PSI		AVG 135	
Average Rates in BPM			
MAX 6 BPM		AVG 5	
Cement Left in Pipe			
Feet 46		Reason SHOE JOINT	

Cement Data				W/Rq.	Yield	Lbs/Gal
Stage	Sacks	Cement	Additives			
1	165	TEX Lite Premium Plus 65	(6% Gel) 2% Calcium Chloride - 1/4pps Cello-Flake - .4% C-41P	11.11	2.01	12.40
2	200	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	_____	Type: _____	Preflush: BBI	<u>10.00</u>	Type: Fresh Water
Breakdown	_____	MAXIMUM _____	Load & Bkdn: Gal - BBI	<u>N/A</u>	Pad: Bbl - Gal <u>N/A</u>
	_____	Lost Returns- <u>N</u>	Excess /Return BBI	<u>50</u>	Calc. Disp Bbl <u>30</u>
	_____	Actual TOC _____	Calc. TOC: _____	<u>SURFACE</u>	Actual Disp. <u>30.00</u>
Average	_____	Bump Plug PSI: <u>900</u>	Final Circ. PSI: _____	<u>135</u>	Disp: Bbl <u>30.00</u>
ISIP _____	5 Min. _____	10 Min _____	Cement Slurry BBI	<u>106.0</u>	
		15 Min _____	Total Volume BBI	<u>146.00</u>	

CUSTOMER REPRESENTATIVE Bill Tomlinson SIGNATURE

# JOB SUMMARY

PROJECT NUMBER **SOK 3604** TICKET DATE **04/09/14**

COUNTY **Sumner** State **Kansas** COMPANY **Sandridge Exploration & Production**

CUSTOMER REP **Bill Tomlinson**

LEASE NAME **Ritter SWD 3404** Well No **1-22** JOB TYPE **Intermediate**

EMPLOYEE NAME **Eric Parsons**

EMP NAME	0				
Eric Parsons					
Bryan Douglas					
Flo Helkena					
Paul Thomas					

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_  
 Packer Type \_\_\_\_\_ Set At **0**  
 Bottom Hole Temp. **155** Pressure \_\_\_\_\_  
 Retainer Depth \_\_\_\_\_ Total Depth **5155**

Date	Called Out	On Location	Job Started	Job Completed
		<b>4/9/2014</b>	<b>4/9/2014</b>	<b>4/9/2014</b>
Time		<b>1:00am</b>	<b>6:00am</b>	<b>8:00am</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

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing		<b>17#</b>	<b>5 1/2"</b>		Surface	<b>5,156</b>	<b>6,000</b>
Liner							
Liner							
Tubing			<b>0</b>				
Drill Pipe							
Open Hole			<b>7 7/8"</b>		Surface	<b>5,155</b>	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials			
Mud Type	WBM	Density	Lb/Gal
Disp. Fluid	Fresh Water	Density <b>8.33</b>	Lb/Gal
Spacer type	resh Water BBL.	<b>20</b>	<b>8.33</b>
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	
<b>4/9</b>	<b>7.0</b>	<b>4/9</b>	<b>2.0</b>	<b>Intermediate</b>
Total	<b>7.0</b>	Total	<b>2.0</b>	

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

Pressures	
MAX <b>4,000 PSI</b>	AVG. <b>300</b>
Average Rates in BPM	
MAX <b>8 BPM</b>	AVG <b>3</b>
Cement Left in Pipe	
Feet <b>84</b>	Reason <b>SHOE JOINT</b>

Cement Data			Additives	W/Rq.	Yield	Lbs/Gal
Stage <b>1</b>	Sacks <b>400</b>	Cement <b>O-Tex Lite Premium 65/35</b>	(Class H) - 6% Gel - 0.2% FL-17 - 0.1% C-20 - 0.4% C-41P - 1/4 pps Celloflak	<b>11.04</b>	<b>2.01</b>	<b>12.40</b>
Stage <b>2</b>	Sacks <b>190</b>	Cement <b>Premium Plus (Class C)</b>	(Class C) - 0.2% FL-17 - 0.2% C-20 - 0.4% C-41P - 1/4 pps Celloflake	<b>6.32</b>	<b>1.33</b>	<b>14.80</b>
Stage <b>3</b>	Sacks <b>0</b>	Cement <b>0</b>		<b>0</b>	<b>0.00</b>	<b>0.00</b>

Summary			
Preflush Breakdown	Type: _____	Preflush: BBI	<b>30.00</b>
	MAXIMUM _____	Load & Bkdn: Gal - BBI	<b>N/A</b>
	Lost Returns-N _____	Excess /Return BBI	<b>N/A</b>
	Actual TOC _____	Calc. TOC:	
Average	Bump Plug PSI: <b>1,500</b>	Final Circ. PSI:	<b>850</b>
isIP _____	5 Min. _____	Cement Slurry: BBI	<b>188.0</b>
	10 Min. _____	Total Volume BBI	<b>335.00</b>
	15 Min. _____		

CUSTOMER REPRESENTATIVE Bill Tomlinson SIGNATURE

