



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1169870  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx)      (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

County: \_\_\_\_\_

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

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

1169870

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
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:				

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:  Yes  No

Date of First, Resumed Production, SWD or ENHR: \_\_\_\_\_ Producing Method:  
 Flowing    Pumping    Gas Lift    Other *(Explain)* \_\_\_\_\_

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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Shari Feist Albrecht, Chair  
Jay Scott Emler, Commissioner  
Pat Apple, Commissioner

Sam Brownback, Governor

June 16, 2014

RD WOOD  
S&W Oil & Gas LLC  
3540 W DOUGLAS, STE 3  
WICHITA, KS 67203

Re: ACO-1  
API 15-057-20665-00-00  
SHELOR 23-2  
NE/4 Sec.23-29S-25W  
Ford County, Kansas

Dear RD WOOD:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 02/24/2010 and the ACO-1 was received on June 16, 2014 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department



KCC WICHITA

JUN 20 2014

TREATMENT REPORT

Customer: <i>SPW O, LP, LLC</i>	Lease No. <b>RECEIVED</b>	Date
Lease: <i>Shelar</i>	Well # <i>23-2</i>	<i>2-26-10</i>
Field Order # <i>171702555</i>	Station <i>Liberal</i>	Casing
Type Job <i>242 1" Tieout</i>	Formation	Depth <i>50'</i>
		County <i>Ford</i>
		State <i>Ks</i>
		Legal Description <i>23-29-25</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
Depth	Depth	From	To	Pre Pad	Max		5 Min.	
Volume	Volume	From	To	Pad	Min		10 Min.	
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative *Bob* Station Manager *Jerry Bennett* Treater *Jaron Arrington*

Service Units	<i>14615</i>	<i>14500</i>	<i>1435</i>	<i>19575</i>	<i>19820</i>				
Driver Names	<i>T. Gibson</i>	<i>R. Martinez</i>	<i>J. Arrington</i>						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped.	Rate	Service Log
<i>10:50</i>					<i>On Loc.</i>
<i>10:05</i>					<i>Safety Meeting</i>
<i>10:10</i>					<i>Round</i>
<i>10:27</i>	<i>0</i>	<i>0</i>	<i>23</i>	<i>1</i>	<i>Pump 100stk Premium @ 14.2#</i>
<i>11:59</i>					<i>Circ. Cement to pit, Shut down</i>
<i>12:00</i>					<i>watch for cement to fall back</i>
<i>12:30</i>					<i>Rig down</i>
<i>1:00</i>					<i>Leave for</i>

# BASIC

energy services, L.P.

## TREATMENT REPORT

Customer: <b>SW Oil + Gas LLC</b>	Lease No.:	Date: <b>2-25-10</b>
Lease: <b>Sholor</b>	Well #: <b>23-2</b>	
Field Order #: <b>00-119</b>	Station: <b>Liberal, KS-1717</b>	Casing #: <b>8-8 20</b>
		Depth: <b>1206'</b>
Type Job: <b>242-Surface Pipe</b>	Formation:	County: <b>Ford</b>
		State: <b>KS</b>
		Legal Description: <b>23-29-25</b>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size: <b>8-8 20</b>	Tubing Size:	Shots/Ft:		Pre Pack: <b>200 sks - Alum.</b>	3200 RATE	PRESS: <b>2200</b>	ISIP: <b>2200</b>
Depth: <b>1206'</b>	Depth:	From:	To:	Pre Pack: <b>19.76</b>	Max: <b>2200/sk @ 1.2 ppz</b>		5 Min.
Volume:	Volume:	From:	To:	Pre Pack: <b>19.76</b>	Max: <b>2200/sk @ 1.2 ppz</b>		10 Min.
Max. Press: <b>2200</b>	Max. Press:	From:	To:	Pre Pack: <b>19.76</b>	Max: <b>2200/sk @ 1.2 ppz</b>		15 Min.
Well Connection:	Annulus Vol.:	From:	To:	Pre Pack: <b>19.76</b>	Avg: <b>2200/sk @ 1.2 ppz</b>		Annulus Pressure
Plug Depth: <b>1175</b>	Packer Depth:	From:	To:	Flush: <b>fresh</b>	Gas Volume:		Total Load

Customer Representative:	Station Manager: <b>J. Bennett</b>	Treater: <b>A. Olvera</b>
Service Units: <b>2741102</b>	<b>19828</b>	<b>19883</b>
Driver Names: <b>R. Cox</b>	<b>J. Martinez</b>	<b>V. Vasquez</b>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
11:00					on loc. site assessment (100' till T.D.)
11:30					spot trucks rig up
8:30					start csq + start equip.
10:00					csq on bpm break pipe
10:30					switch over to cnt line - pressure test 300'
10:31	150		10	3	start w/ 10 bbls. of H <sub>2</sub> O spacer
10:34	150		147	3	mix lead cnt @ 11.2#
11:20	100		36	3	switch over to tail cnt @ 11.8#
11:35	0		0	3.5	drop plug, disp csq
12:10	250		64	2	slow rate last 10 bbls of disp
12:20	750		74	0	land plug float hold
					airc cnt to surface
					job complete

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JUN 20 2014  
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**COPY**



**DRILL STEM TEST REPORT**

Prepared For: **S&W Oil & Gas LLC**

3540 W. Douglas  
STE #3  
Wichita, KS 67203

ATTN: Tim Pierce

**23 29S 25W Ford KS**

**SHELOR #23-2**

Start Date: 2010 03.03 @ 14:23:00

End Date: 2010 03 03 @ 23:39:30

Job Ticket #: 36244                      DST #: 1

S&W Oil & Gas LLC

SHELOR #23-2

23 29S 25W Ford KS

DST # 1

MARMATON

2010.03.03

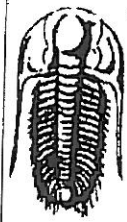
Trilobite Testing, Inc  
PO Box 1733 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed 2010 03.17 @ 14:40:50 Page 1

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**JUN 20 2014**

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**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

S&W Oil & Gas LLC

**SHELOR #23-2**

3540 W. Douglas  
STE #3  
Wichita, KS 67203  
ATTN: Tim Pierce

**23 29S 25W Ford KS**

Job Ticket: 36244      DST#: 1

Test Start: 2010.03.03 @ 14:23:00

**Tool Information**

Drill Pipe:	Length: 4784.00 ft	Diameter: 3.80 inches	Volume: 67.11 bbl	Tool Weight: 3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 270.00 ft	Diameter: 2.25 inches	Volume: 1.33 bbl	Weight to Pul: Loose: 80000.00 lb
			<b>Total Volume: 68.44 bbl</b>	Tool Chased: 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial: 70000.00 lb
Depth to Top Packer:	5052.00 ft			Final: 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	58.00 ft			
Tool Length:	86.00 ft			
Number of Packers:	2	Diameter:	6.75 inches	

Tool Comments:

**Tool Description**

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			5029.00	
Hydraulic tool	5.00			5034.00	
Jars	5.00			5039.00	
Safety Joint	3.00			5042.00	
Packer	5.00			5047.00	28.00      Bottom Of Top Packer
Packer	5.00			5052.00	
Stubb	1.00			5053.00	
Recorder	0.00	8648	inside	5053.00	
Recorder	0.00	6799	Outside	5053.00	
Perforations	18.00			5071.00	
Blank Spacing	34.00			5105.00	
Recorder	0.00	8655	inside	5105.00	
Bullnose	5.00			5110.00	58.00      Bottom Packers & Anchor

**Total Tool Length: 86.00**

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**JUN 20 2014**

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DST Test Number: 1

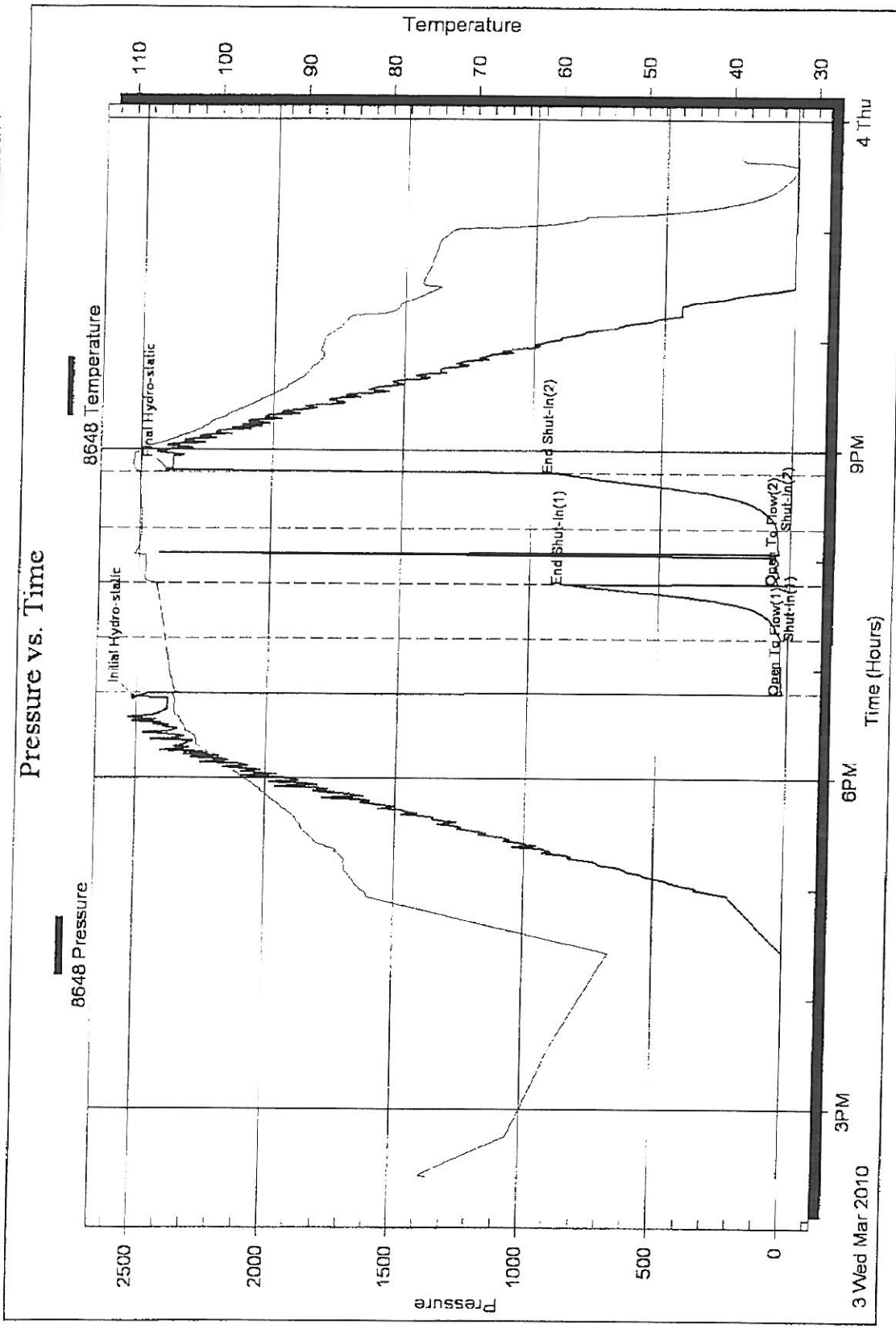
23-29S-25W Ford KS

S&W Oil & Gas LLC

Inside

Serial #: 8648

### Pressure vs. Time



Ref No: 36244

Trilobite Testing, Inc

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JUN 20 2014  
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### DRILL STEM TEST REPORT

Prepared For: **S&W Oil & Gas LLC**

3540 W. Douglas  
STE #3  
Wichita, KS 67203

ATTN: Tim Pierce

**23 29S 25W Ford KS**

**SHELOR #23-2**

Start Date: 2010.03.04 @ 00:05:00

End Date: 2010.03.04 @ 09:45:49

Job Ticket #: 36245                      DST #: 2

Trilobite Testing, Inc  
PO Box 1733 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

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SW OIL & GAS LLC


SHELOR #23-2

23 29S 25W FORD KS

JOB # 2

MURKOW DANN

2010.03.17

 <p style="font-size: 2em; font-weight: bold; margin: 0;">TRILOBITE TESTING, INC</p>	DRILL STEM TEST REPORT		TOOL DIAGRAM
	S&W Oil & Gas LLC  3540 W. Douglas STE #3 Wichita, KS 67203 ATTN: Tim Pierce	SHELOR #23-2  23 29S 25W Ford KS  Job Ticket: 36245      DST#: 2  Test Start: 2010.03.04 @ 00:05:00	

**Tool Information**

Drill Pipe:	Length: 5002.00 ft	Diameter: 3.80 inches	Volume: 70.16 bbl	Tool Weight: 3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 85000.00 lb
			Total Volume: 71.34 bbl	Tool Chased: 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 71000.00 lb
Depth to Top Packer:	5256.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	37.00 ft			
Tool Length:	65.00 ft			
Number of Packers:	2	Diameter: 5.75 inches		

Tool Comments:

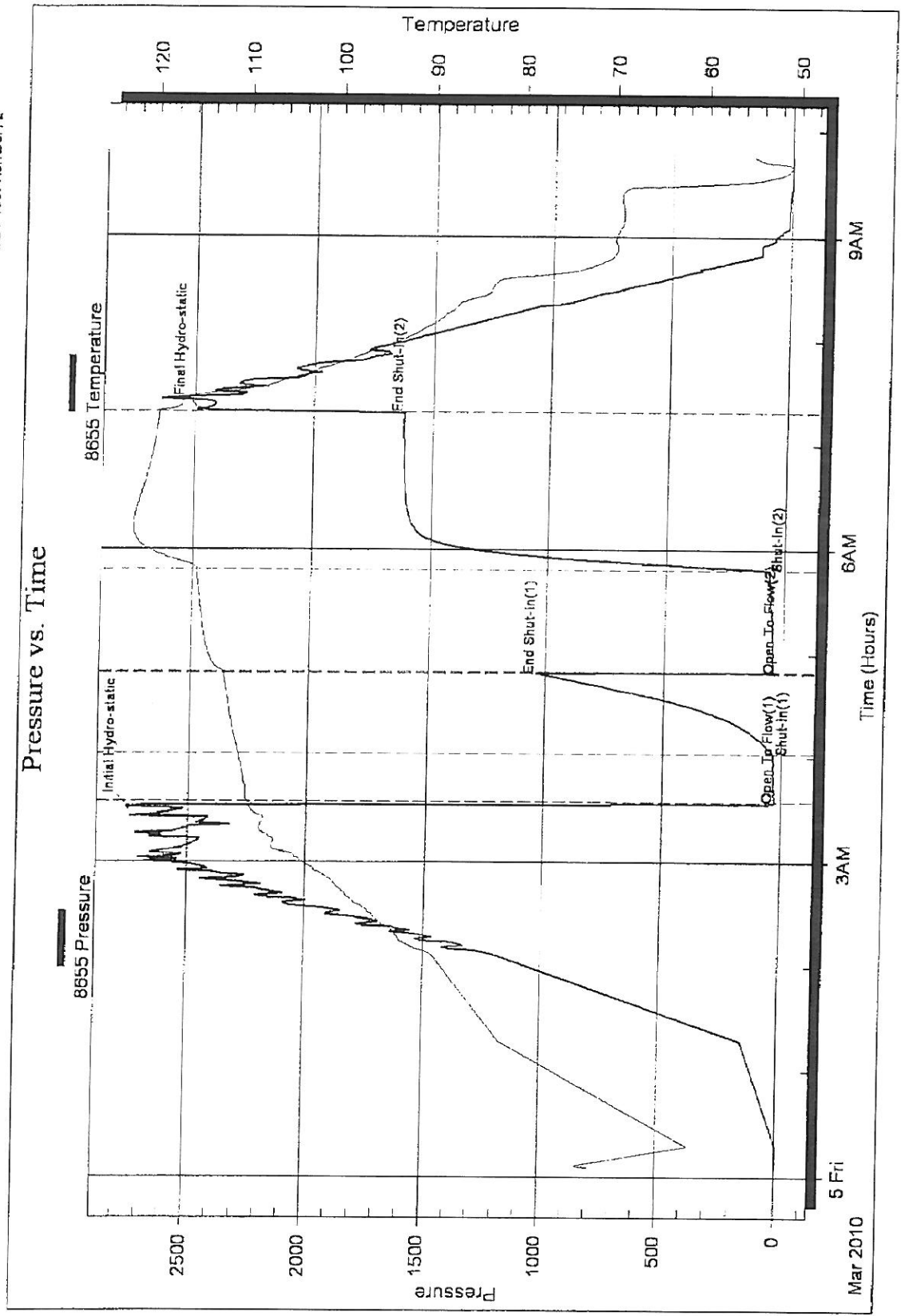
Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			5233.00	
Hydraulic tool	5.00			5238.00	
Jars	5.00			5243.00	
Safety Joint	3.00			5246.00	
Packer	5.00			5251.00	28.00      Bottom Of Top Packer
Packer	5.00			5256.00	
Stubb	1.00			5257.00	
Recorder	0.00	8648	Inside	5257.00	
Recorder	0.00	8655	Outside	5257.00	
Perforations	31.00			5288.00	
Bullnose	5.00			5293.00	37.00      Bottom Packers & Anchor

**Total Tool Length: 65.00**

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Serial #: 8655      Outside      S&W Oil & Gas LLC      23 29S 25W Ford KS      DST Test Number: 2

### Pressure vs. Time



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JUN 20 2014  
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Trilobite Testing, Inc      Ref. No: 36245



### DRILL STEM TEST REPORT

Prepared For: **S&W Oil & Gas LLC**

3540 W. Douglas  
STE #3  
Wichita, KS 67203

ATTN: Tim Pierce

**23 29S 25W Ford KS**

**SHELOR #23-2**

Start Date: 2010.03.06 @ 15:21:00

End Date: 2010.03.07 @ 00:10:40

Job Ticket #: 36246                      DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

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S&W OIL & GAS LLC  
SHELOR #23-2  
23 29S 25W FORD KS  
JOB # 36246  
DST # 3  
TRILLOBITE TESTING, INC  
PO BOX 1733 HAYS, KS 67601  
785-625-4778



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

S&W Oil & Gas LLC

**SHELOR #23-2**

3540 W Douglas  
STE #3  
Wichita, KS 67203  
ATTN: Tim Perce

**23 29S 25W Ford KS**

Job Ticket: 36246      DST#: 3  
Test Start: 2010.03.05 @ 15:21:00

**Tool Information**

Drill Pipe:	Length: 5096.00 ft	Diameter: 3.80 inches	Volume: 71.48 bbl	Tool Weight: 3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 100000.0 lb
			<u>Total Volume: 72.66 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 75000.00 lb
Depth to Top Packer:	5350.00 ft			Final 75000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	80.00 ft			
Tool Length:	108.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			5327.00	
Hydraulic tool	5.00			5332.00	
Jars	5.00			5337.00	
Safety Joint	3.00			5340.00	
Packer	5.00			5345.00	28.00      Bottom Of Top Packer
Packer	5.00			5350.00	
Stubb	1.00			5351.00	
Recorder	0.00	8648	Inside	5351.00	
Recorder	0.00	8655	Outside	5351.00	
Perforations	10.00			5361.00	
Recorder	0.00	6799	Inside	5361.00	
Blank Spacing	64.00			5425.00	
Buttnose	5.00			5430.00	80.00      Bottom Packers & Anchor

**Total Tool Length: 108.00**

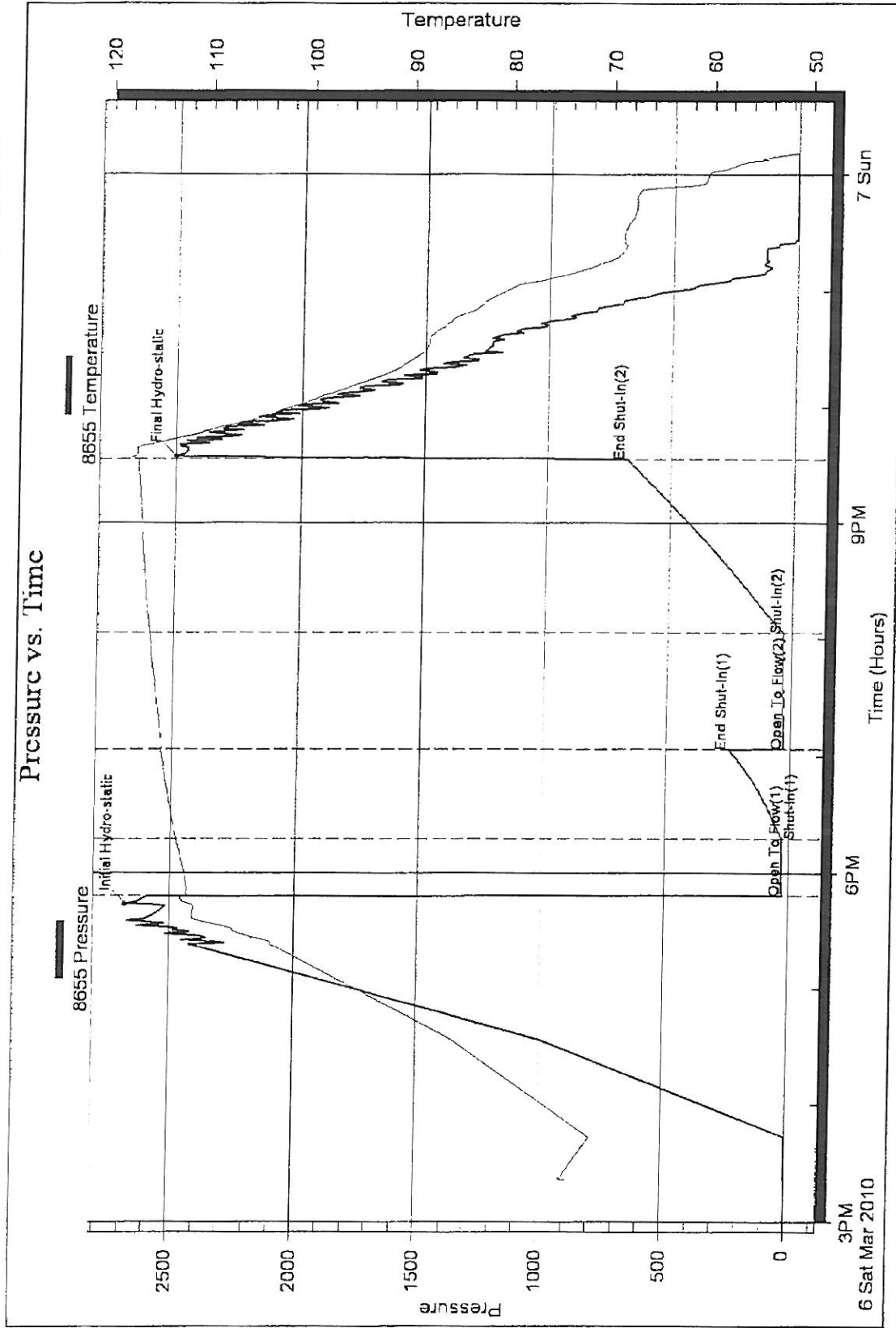
**KCC WICHITA  
JUN 20 2014  
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DST Test Number: 3

23 29S 25W Ford KS

Serial #: 8655 Outside S&W Oil & Gas LLC

### Pressure vs. Time



**KCC WICHITA**  
**JUN 20 2014**  
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13/08

# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED  
MAR 10 2010

## Test Ticket

NO. 36244

BY: \_\_\_\_\_

Well Name & No. SHELOR #23-2 Test No. 1 Date 3. MARCH 2010  
 Company S&W OIL & GAS LLC Elevation 2620 KB 2608 GL  
 Address 3540 W. DOUGLASS #3, WICHITA, KANSAS, 67203  
 Co. Rep / Geo. MIKE ENGELBRECHT 316-641-8008 Rig DUKE DRUG CO., RIG #9  
 Location: Sec. 23 Twp. 29S Rge. 25W Co. FORD State KANSAS

Interval Tested 5052-5110 Zone Tested MARMATON  
 Anchor Length 58 Drill Pipe Run 4784' 4 1/2" X-HOLE Mud Wt. 8.9  
 Top Packer Depth 5047 Drill Collars Run 270' 4 1/2" X-HOLE Vis 48  
 Bottom Packer Depth 5052 Wt. Pipe Run NONE WL 8.6  
 Total Depth 5110 Chlorides 8100 ppm System LCM 4#

Blow Description IF: WEAK SURFACE BLOW, DEAD IN 20 MINUTES.  
ISI: NO BLOW.  
FF: NO BLOW FLUSHED TOOL, SHORT SURGE OF BUBBLES, NO BLOW.  
FSI: NO BLOW.

Rec	Feet of	%gas	%oil	%water	%mud
<u>70</u>	<u>Drly Mud w/trace oil show</u>	<u>TR</u>		<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec Total	<u>70</u>	BHT <u>109°F</u>	Gravity <u>NA</u>	API RW <u>-</u>	@ <u>-</u> °F Chlorides <u>NA</u> ppm

(A) Initial Hydrostatic	<u>2378</u>	<input checked="" type="checkbox"/> Test	<u>1250'</u>	T-On Location	<u>1345</u>
(B) First Initial Flow	<u>20</u>	<input checked="" type="checkbox"/> Jars	<u>250'</u>	T-Started	<u>1423 24:32m</u>
(C) First Final Flow	<u>30</u>	<input checked="" type="checkbox"/> Safety Joint	<u>75</u>	T-Open	<u>1846</u>
(D) Initial Shut-In	<u>864</u>	<input checked="" type="checkbox"/> Circ Sub	<u>NO CHARGE</u>	T-Pulled	<u>2047</u>
(E) Second Initial Flow	<u>41</u>	<input type="checkbox"/> Hourly Standby		T-Out	<u>2330</u>
(F) Second Final Flow	<u>49</u>	<input checked="" type="checkbox"/> Mileage	<u>164 R.T. PRATT</u>	Comments	
(G) Final Shut-In	<u>908</u>	<input type="checkbox"/> Sampler			
(H) Final Hydrostatic	<u>2378</u>	<input type="checkbox"/> Straddle			
Initial Open	<u>30</u>	<input type="checkbox"/> Shale Packer		<input type="checkbox"/> Ruined Shale Packer	
Initial Shut-In	<u>30</u>	<input type="checkbox"/> Extra Packer		<input type="checkbox"/> Ruined Packer	
Final Flow	<u>30</u>	<input type="checkbox"/> Extra Recorder		<input type="checkbox"/> Extra Copies	
Final Shut-In	<u>30</u>	<input type="checkbox"/> Day Standby		Sub Total	<u>0</u>
		<input type="checkbox"/> Accessibility		Total	<u>1739</u>
		Sub Total	<u>1739'</u>		

Approved By Mike Engelbrecht Our Representative Paul Schubert

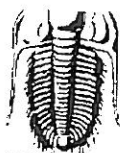
Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Home #: 620-672-2040 CELL#: 785-650-7709

KCC WICHITA

JUN 20 2014

RECEIVED



TRILOBITE TESTING INC.

JUN 20 2014

RECEIVED MAR 10 2010

Test Ticket

P.O. Box 1733 • Hays, Kansas 67601

NO. 36245

Well Name & No. SHELOR #23-2 Test No. 2 Date 5, MARCH 2010  
 Company S&W OIL & GAS, LLC Elevation 2620 KB 2608 GL  
 Address 3540 W. DOUGLAS, #3, WICHITA, KANSAS 67203  
 Co. Rep / Geo. MIKE ENGELBRECHT Rig. DUKE DRUG CO., REG #9  
 Location: Sec. 23 Twp. 29s Rge. 25W Co. FORD State KANSAS

Interval Tested 5256-5293 Zone Tested MORROW SAND  
 Anchor Length 37 Drill Pipe Run 5002' 1 1/2" X 0 Mud Wt. 8.9  
 Top Packer Depth 5251 Drill Collars Run 240' 1 1/2" X 0 Vis 57  
 Bottom Packer Depth 5256 Wt. Pipe Run NONE WL 7.2  
 Total Depth 5293 Chlorides 7000 ppm System LCM 3#

Blow Description IF: FAIR SURGING BLOW, BUILT TO BOB IN 14 1/2 MINUTES.  
ISI: BLEED OFF, NO BLOWBACK.  
FF: FAIRLY STRONG BLOW, BUILT TO BOB IN 10 SECONDS.  
FSI: BLEED OFF, GTS WHILE BLEEDING OFF, NO BLOWBACK.

Rec	Feet of	%gas	%oil	%water	%mud
<u>145</u>	<u>DRILLING MUD</u>			<u>100</u>	
<u>—</u>	<u>GAS IN ALL FLUID FREE PIPE</u>				

Rec Total 145 BHT 119.6°F Gravity NA API RW — @ — °F Chlorides NA ppm

(A) Initial Hydrostatic 2425  Test 1250' T-On Location 2330  
 (B) First Initial Flow 27  Jars 250' T-Started 0005 2x2x  
 (C) First Final Flow 37  Safety Joint 75' T-Open 0334  
 (D) Initial Shut-In 1042  Circ Sub NO CHANGE T-Pulled 0718  
 (E) Second Initial Flow 29  Hourly Standby \_\_\_\_\_ T-Out 0930  
 (F) Second Final Flow 69  Mileage 164 R.T. PRATT Comments \_\_\_\_\_  
 (G) Final Shut-In 1619  Sampler \_\_\_\_\_ ISW: 71,000  
 (H) Final Hydrostatic 2415  Straddle \_\_\_\_\_ FSW: 72,000  
WPL: 85,000

Initial Open 30  Shale Packer KCC WICHITA  Ruined Shale Packer \_\_\_\_\_  
 Initial Shut-In 45  Extra Packer JUN 20 2014  Ruined Packer \_\_\_\_\_  
 Final Flow 60  Extra Recorder RECEIVED  Extra Copies \_\_\_\_\_  
 Final Shut-In 90  Day Standby \_\_\_\_\_ Sub Total 0  
 Sub Total 1739' Total 1739'

Approved By Mike Engelbrecht Our Representative Scott E. Schenck  
 TriLOBite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concern no the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.





# TRIOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

JUN 20 2014 RECEIVED  
MAR 10 2010

## Test Ticket

NO. 36246

Well Name & No. SHELOR #23-2 Test No. 3 Date 6. MARCH 2010  
 Company SW OIL & GAS, LLC Elevation 2620 KB 2608 GL  
 Address 3540 W. DOUGLAS, #3, WICHITA, KANSAS 67203  
 Co. Rep / Geo. TIM PIERCE Rig DUKE DRILG CO, RIG #9  
 Location: Sec. 23 Twp. 29S Rge. 25W Co. FORD State KANSAS

Interval Tested 5350 - 5430 Zone Tested MISSISSIPPIAN  
 Anchor Length 80 Drill Pipe Run 5096' 1/4" X 0 Mud Wt. 8.7  
 Top Packer Depth 5345 Drill Collars Run 240' 1/2" X 0 Vis 71  
 Bottom Packer Depth 5350 Wt. Pipe Run NONE WL 6.8  
 Total Depth 5430 Chlorides 2500 ppm System LCM TR

Blow Description IF: WEAK BLOW, BUILT TO 1".  
ISI: NO BLOWBACK.  
FF: FAIRLY WEAK BLOW, 3" IMMEDIATELY, INCREASED TO BOB IN 42 MIN.  
FST: BLEED OFF.

Rec	Feet of	%gas	%oil	%water	%mud
<u>45</u>	<u>DRILG MUD W/OIL SCUM</u>	<u>&gt;1</u>		<u>100</u>	
<u>—</u>	<u>GOOD SHOW OF OIL IN TOOL</u>				
<u>—</u>	<u>150% GAS IN PIPE</u>				
<u>—</u>					
<u>—</u>					

Rec Total 45 BHT 117°F Gravity NA API RW — @ — °F Chlorides NA ppm

(A) Initial Hydrostatic	<u>2515</u>	<input checked="" type="checkbox"/> Test	<u>1250'</u>	T-On Location	<u>1430</u>
(B) First Initial Flow	<u>24</u>	<input checked="" type="checkbox"/> Jars	<u>250'</u>	T-Started	<u>1524</u>
(C) First Final Flow	<u>28</u>	<input checked="" type="checkbox"/> Safety Joint	<u>75'</u>	T-Open	<u>1748</u>
(D) Initial Shut-In	<u>251</u>	<input checked="" type="checkbox"/> Circ Sub	<u>NO CHARGE</u>	T-Pulled	<u>2133</u>
(E) Second Initial Flow	<u>24</u>	<input type="checkbox"/> Hourly Standby		T-Out	<u>2400</u>
(F) Second Final Flow	<u>32</u>	<input checked="" type="checkbox"/> Mileage	<u>328 RT. TRAT</u>	Comments	<u>2x on mileage due to driving out to load tools, then driving back out to run DST.</u>
(G) Final Shut-In	<u>679</u>	<input type="checkbox"/> Sampler			
(H) Final Hydrostatic	<u>2494</u>	<input type="checkbox"/> Straddle			

Initial Open 30 Initial Shut-In 45 Final Flow 60 Final Shut-In 90

Sub Total 1903'

Approved By Tim Pierce Our Representative [Signature]  
 Triobite Testing Inc. shall not be liable for damaged or lost property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.