



KCC WICHITA

JUN 20 2014

TREATMENT REPORT

Customer: <i>SPW O, LP, LLC</i>	Lease No. RECEIVED	Date
Lease: <i>Shelton</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>Break</i>
<i>11:27</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>



TREATMENT REPORT

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

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size 8-8 20	Tubing Size	Shots/Ft		Acid 200 sks - Alum.	3200 RATE	PRESS	ISIP
Depth 1206'	Depth	From	To	Pre Pad 200 sks @ 19.76	Max 200/sk @ 11.2 ppz		5 Min.
Volume	Volume	From	To	Post 200 sks - Prem TMS	Avg 276 ppz		10 Min.
Max. Press 500	Max Press	From	To	Fract 1.3503/sk @ 16.38	Avg 200/sk @ 11.8 ppz		15 Min.
Well Connection	Annulus Vol.	From	To		YHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush fresh	Gas Volume		Total Load

Customer Representative	Station Manager J. Bennett	Treater A. Olvera
Service Units	19828	19883
Driver Names	R. Cov	J. Martinez
	V. Vasquez	R. Nunez

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 ₂ 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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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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**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
			Total Volume: 68.44 bbl	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

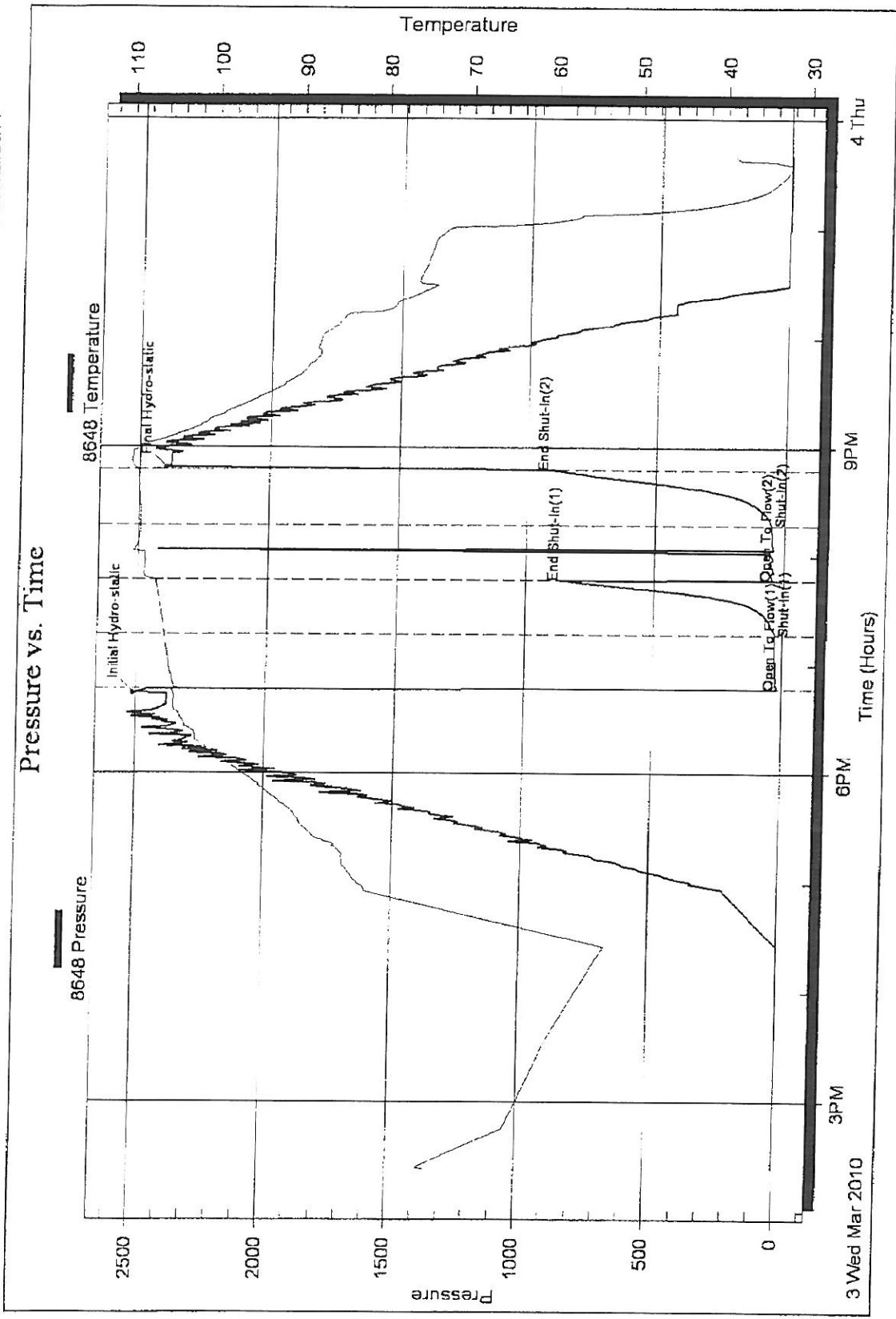
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Serial #: 8648 Inside S&W Oil & Gas LLC 23 29S 25W Ford KS DST Test Number: 1

Pressure vs. Time



Ref No: 36244

Triobite Testing, Inc

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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>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 Test Start: 2010.03.04 @ 00:05:00	DST#: 2

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:

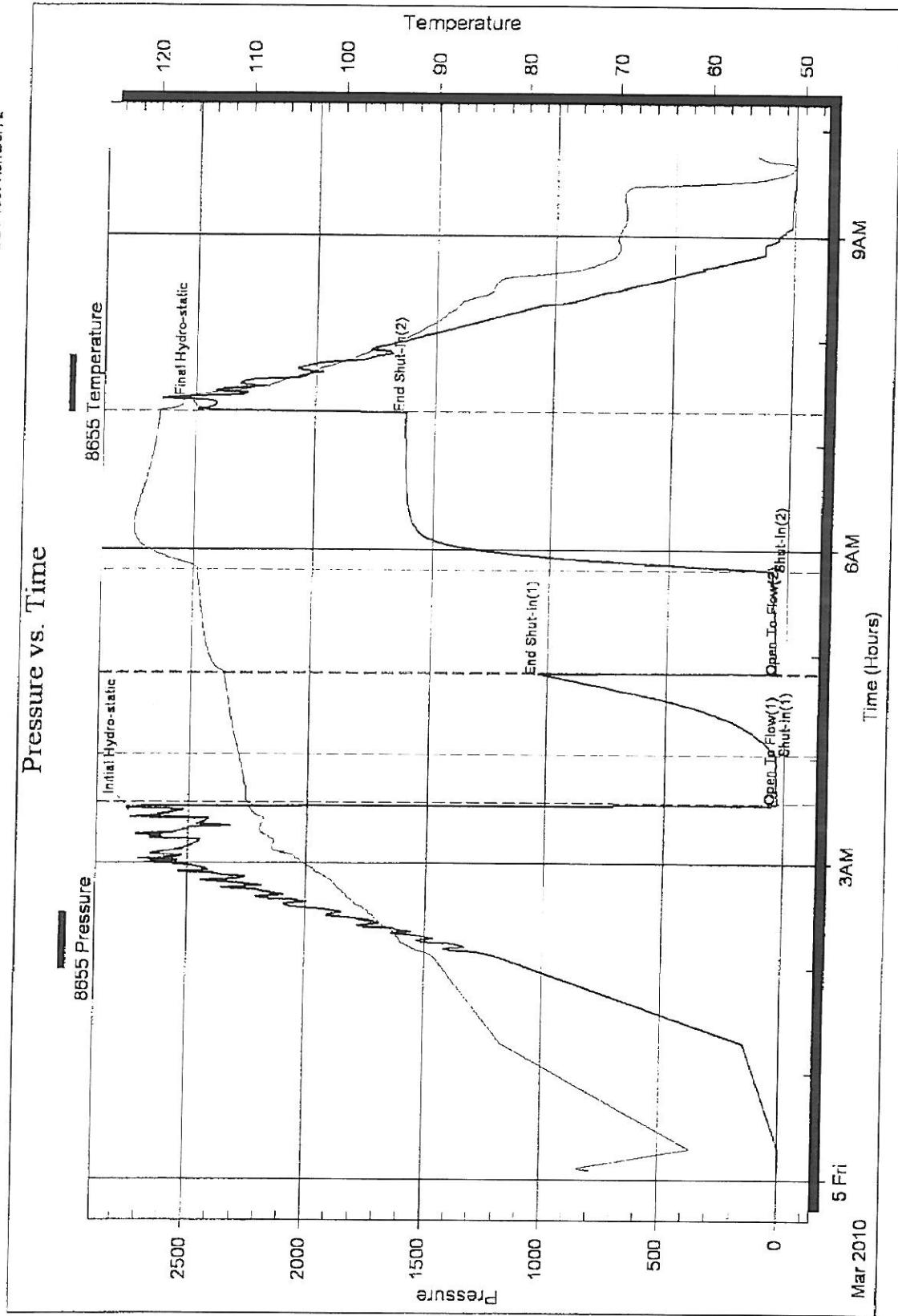
Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			5233.00	
Hydraulic tool	5.00			5238.00	
Jars	5.00			5243.00	
Safety Joint	3.00			5246.00	
Packer	5.00			5251.00	28.00 Bottom Of Top Packer
Packer	5.00			5256.00	
Stubb	1.00			5257.00	
Recorder	0.00	8648	Inside	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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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

KCC WICHITA
JUN 20 2014
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S&W OIL & GAS LLC
SHELOR #23-2
23 29S 25W FORD KS
JOB # 36246
DST # 3
TRILOBITE TESTING, INC
PO BOX 1733 HAYS, KS 67601
PH: 785-625-4778 FAX: 785-625-5620



**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

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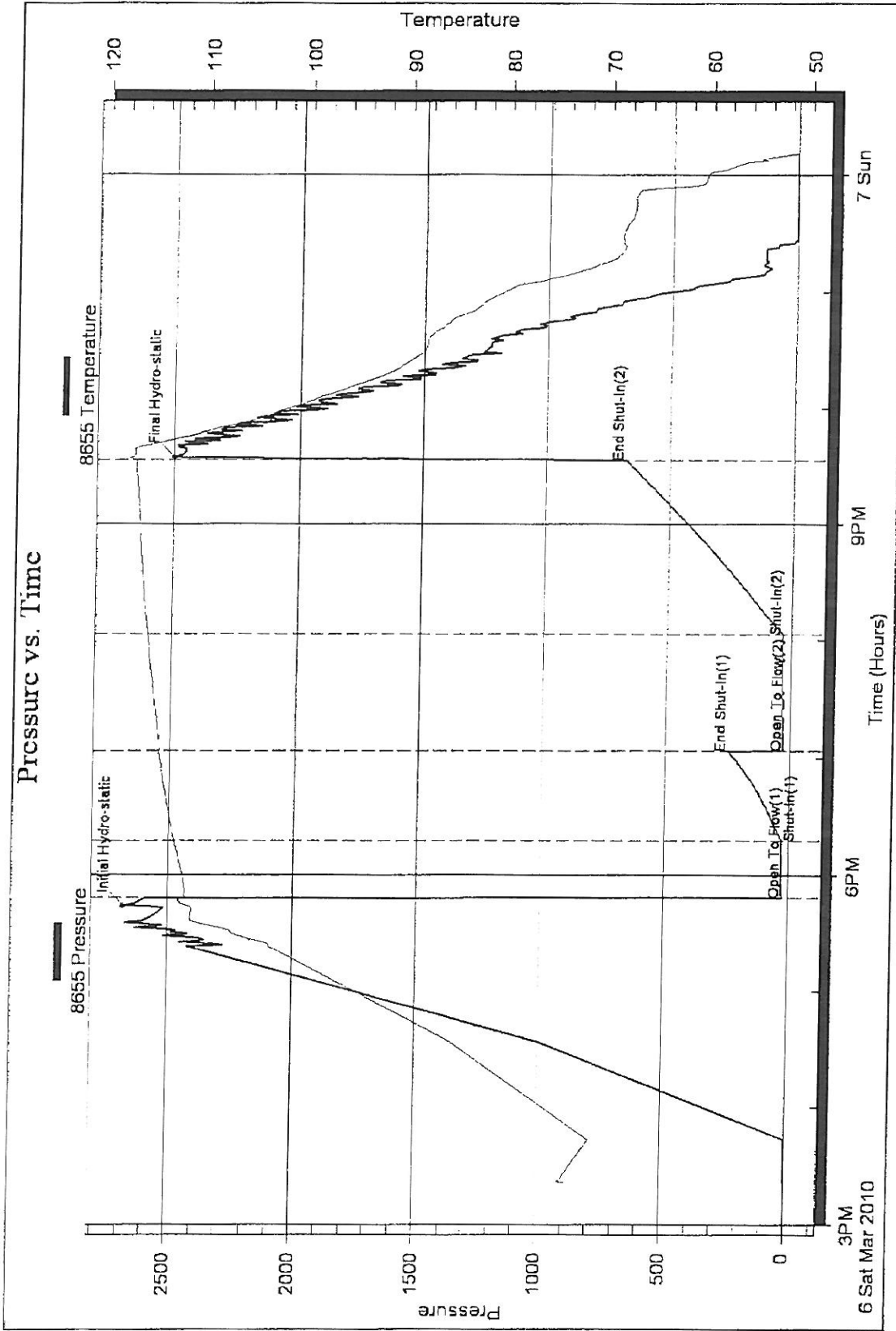
DST Test Number: 3

23 29S 25W Ford KS

Outside S&W Oil & Gas LLC

Serial #: 8655

Pressure vs. Time

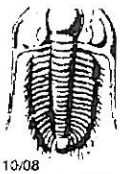


Trilobite Testing, Inc

Ref. No: 36246

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13/08

TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

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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>		

KCC WICHITA

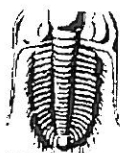
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Approved By Mike Engelbrecht Our Representative [Signature]

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



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" X0 Mud Wt. 8.9
 Top Packer Depth 5251 Drill Collars Run 240' 1 1/2" X0 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: BLED OFF, NO BLOWBACK.
FF: FAIRLY STRONG BLOW, BUILT TO BOB IN 10 SECONDS.
FSI: BLED 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 DRIG 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>DRIG MUD W/OIL SCUM</u>	<u>>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.