



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1210404  
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: \_\_\_\_\_

1210404

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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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TREATMENT REPORT



Customer S W Oil & Gas	Lease No.	Date
Lease TABLE H FARMS	Well # 24-2	5-14-10
Field Order # 00797	Station 1717	Casing 8 5/8
Type Job Z 42 8 5/8 Surface	Depth 1213	County FORD
	Formation	State KS
		Legal Description 24-29-25

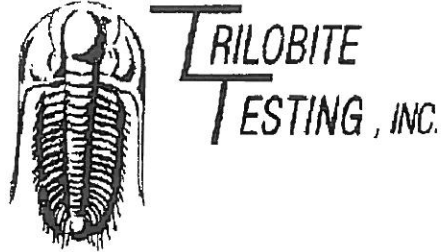
PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size 8 5/8	Tubing Size	Shots/Ft		Acid CMT 295 SKS A CON	3800 RATE	PRESS 1124 CELLIN HRC	ISIP
Depth 1213	Depth	From	To	Perf Pad 2.96 47SK	Max 178.10 gal/SK		5 Min. 11.4 #/gal
Volume 74.5 bbl	Volume	From	To	Perf 150 SKS Prem. Plus	Min 2800 - 4 # completions		10 Min.
Max Press	Max Press	From	To	Free 1.34 #/SK	Aug 16.33 gal/SK		15 Min. 14.8 #/gal
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth 1170	Packer Depth	From	To	Flush FRESH WATER	Gas Volume		Total Load

Customer Representative: \_\_\_\_\_ Station Manager: JERRY BENNETT Treater: Carlos Lopez

Service Units	19816	27462	14354	19578	19805	19808				
Driver Names	C. Lopez	Abel O	Michael S.		Victor V.	Ruben C				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
4:30 pm					Arrived on Location
4:45 pm					Rigged up Equipt.
6:00 pm					Running Casing 1213' csg 8 5/8" 24 #
7:30 am					Hold safety MEETING
7:50 am					Test Lines to 2000psi
7:51 am	75psi		10	3 bpm	H <sub>2</sub> O Spacer
7:55 am	200psi		155.5 bbl	4.5 bpm	Pumped Lead CMT @ 11.4 #/gal
8:45 am	100psi		35.8 bbl	3 bpm	Pumped Tail CMT @ 14.8 #
9:07 am	100psi		74.4 bbl	5 bpm	Dropped Plug & began Disp
9:26 am	300psi		64.4	2 bpm	Shoved down to 2 bpm last 10 bbls
9:30 am	350psi		74.4	2 bpm	Loaded Top Plug & took press. 500 over
9:40 pm					Rigged Down Equipment & filled tickets
10:00 am					Blew truck off & had Post Job Journey Man.
10:30 pm					DEPARTED FROM LOCATION





### DRILL STEM TEST REPORT

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

3540 W Douglas Suite #3 Wichita Ks. 67203

ATTN: Mike Engelbrecht

#2

**24/29/25**

**Double H Farms 24-2**

Start Date: 2010.05.21 @ 00:00:00

End Date:

Job Ticket #: 37632

DST #: 2

S&W Oil&Gas LLC.

Double H Farms 24-2

24/29/25

DST # 2

Marmaton

2010.05.21

Trilobite Testing, Inc  
 PO Box 362 Hays, KS 67601  
 ph: 785-625-4778 fax: 785-625-5620

**KCC WICHITA**

**JUN 20 2014**

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DST Test Number: 2

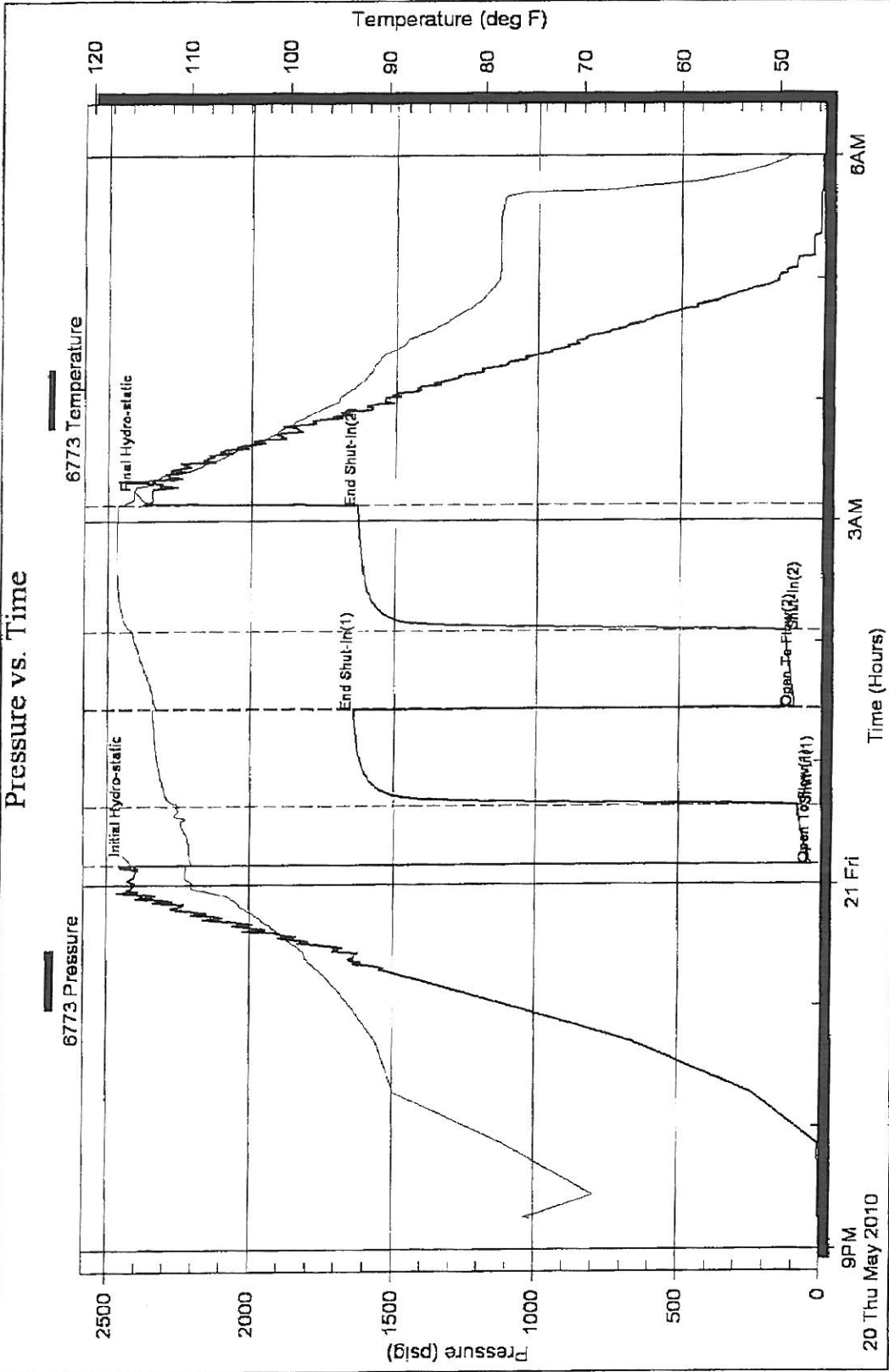
24/29/25

S&W Oil&Gas LLC.

Inside

Serial # 6773

Pressure vs. Time



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Ref. No: 37632

Triobite Testing, Inc



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

S&W Oil & Gas LLC.  
3540 W Douglas Suite #3 Wichita Ks. 67203  
ATTN: Mike Engelbrecht

**Double H Farms 24-2**  
**24/29/25**  
Job Ticket: 37632      **DST#: 2**  
Test Start: 2010.05.21 @ 00:00:00

**Mud and Cushion Information**

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 45.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.98 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
240.00	5% mud 95 % water	2.283

Total Length: 240.00 ft      Total Volume: 2.283 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:

**KCC WICHITA**

**JUN 20 2014**

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#3



### DRILL STEM TEST REPORT

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

3540 W Douglas Suite #3 Wichita Ks. 67203

ATTN: Mike Engelbrecht

**24/29/25**

**Double H Farms 24-2**

Start Date: 2010.05.22 @ 03:15:00

End Date: 2010.05.22 @ 12:04:00

Job Ticket #: 37633                      DST #: 3

TriLOBITE Testing, Inc

PO Box 362 Hays, KS 67601

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

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S&W Oil&Gas LLC.

Double H Farms 24-2

24/29/25

DST # 3

Morrow

2010.05.22



**TRILOBITE TESTING, INC**

**DRILL STEM TEST REPORT**

S&W Oil&Gas LLC.  
 3540 W Douglas Suite #3 Wichita Ks. 67203  
 ATTN: Mike Engelbrecht

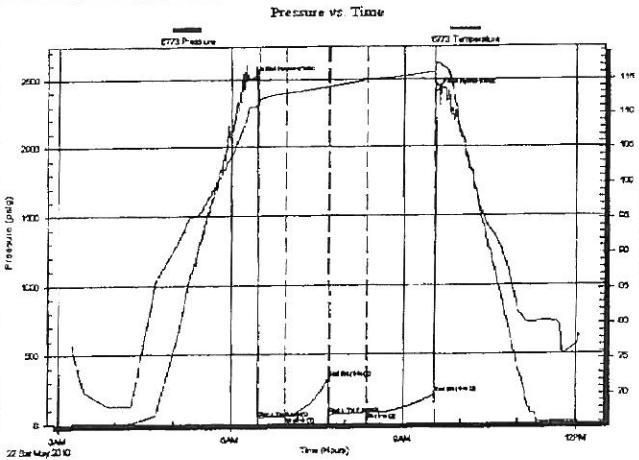
**Double H Farms 24-2**  
**24/29/25**  
 Job Ticket: 37633      **DST#: 3**  
 Test Start: 2010.05.22 @ 03:15:00

**GENERAL INFORMATION:**

Formation: **Morrow**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 06:29:10  
 Time Test Ended: 12:04:00  
 Interval: 5298.00 ft (KB) To 5363.00 ft (KB) (TVD)  
 Total Depth: 5363.00 ft (KB) (TVD)  
 Hole Diameter: 7.78 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole  
 Tester: Harley Davidson  
 Unit No: 33  
 Reference Elevations: 2621.00 ft (KB)  
 2609.00 ft (CF)  
 KB to GR/CF: 12.00 ft

**Serial #: 6773 Inside**  
 Press@RunDepth: 75.36 psig @ 5333.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2010.05.22 End Date: 2010.05.22 Last Calib.: 2010.05.22  
 Start Time: 03:15:00 End Time: 12:04:00 Time On Btm: 2010.05.22 @ 06:22:30  
 Time Off Btm: 2010.05.22 @ 09:33:20

**TEST COMMENT:** IF- Weak building blow 7" in bucket  
 IS- No blow back.  
 FF- Weak building blow 1" in bucket  
 FS- No blow back.



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2507.11	111.03	Initial Hydro-static
7	39.06	111.36	Open To Flow (1)
35	52.33	112.94	Shut-in(1)
80	326.82	113.85	End Shut-in(1)
81	63.23	113.81	Open To Flow (2)
120	75.36	114.84	Shut-in(2)
191	210.17	116.06	End Shut-in(2)
191	2402.93	116.74	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
0.00	300 GIP	0.00
120.00	SWOCM 100% mud.	0.60

Gas Rates			
	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)

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**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

S&W Oil&Gas LLC.

**Double H Farms 24-2**

3540 W Douglas Suite #3 Wichita Ks. 67203

**24/29/25**

Job Ticket: 37633

**DST#: 3**

ATTN: Mike Engelbrecht

Test Start: 2010.05.22 @ 03:15:00

**Mud and Cushion Information**

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.00 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
0.00	300 GIF	0.000
120.00	SWOCM 100% mud.	0.599

Total Length: 120.00 ft      Total Volume: 0.599 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

**KCC WICHITA**

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DST Test Number: 3

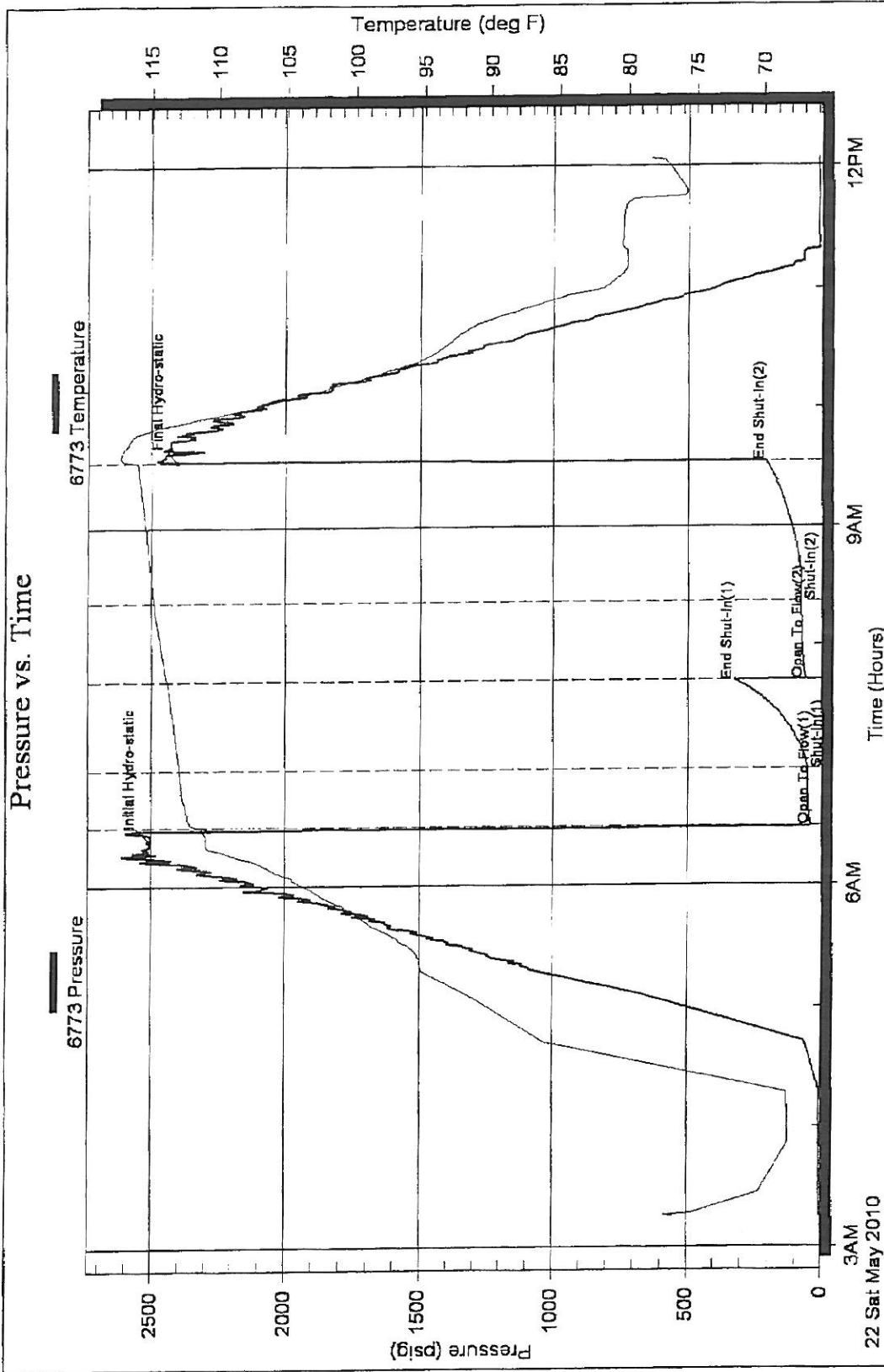
24/29/25

S&W Oil&Gas LLC

Inside

Serial #: 6773

### Pressure vs. Time



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Ref. No: 37633

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#4



### DRILL STEM TEST REPORT

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

3540 W Douglas Suite #3 Wichita Ks. 67203

ATTN: Mike Engelbrecht

**24/29/25**

**Double H Farms 24-2**

Start Date: 2010.05.23 @ 02:00:00

End Date: 2010.05.23 @ 09:46:50

Job Ticket #: 37634                      DST #: 4

S&W Oil&Gas LLC.

Double H Farms 24-2

24/29/25

DST # 4

MISS.

2010.05.23

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

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**TRILOBITE TESTING, INC**

**DRILL STEM TEST REPORT**

S&W Oil&Gas LLC.

**Double H Farms 24-2**

3540 W Douglas Suite #3 Wichita Ks. 67203

**24/29/25**

Job Ticket: 37634

**DST#: 4**

ATTN: Mike Engelbrecht

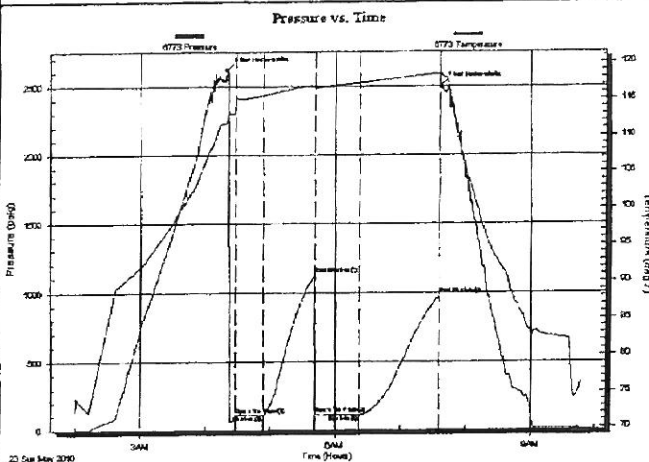
Test Start: 2010.05.23 @ 02:00:00

**GENERAL INFORMATION:**

Formation: **Miss.**  
 Deviated: **No** Whipstock: **ft (KB)**  
 Time Tool Opened: **04:28:20**  
 Time Test Ended: **09:46:50**  
 Interval: **5430.00 ft (KB) To 5466.00 ft (KB) (TVD)**  
 Total Depth: **5466.00 ft (KB) (TVD)**  
 Hole Diameter: **7.78 inches** Hole Condition: **Fair**  
 Test Type: **Conventional Bottom Hole**  
 Tester: **Harley Davidson**  
 Unit No: **33**  
 Reference Elevations: **2621.00 ft (KB)**  
**2609.00 ft (CF)**  
**KB to GR/CF: 12.00 ft**

**Serial #: 6773** **Inside**  
 Press@RunDepth: **111.13 psig @ 5432.00 ft (KB)** Capacity: **8000.00 psig**  
 Start Date: **2010.05.23** End Date: **2010.05.23** Last Calib.: **2010.05.23**  
 Start Time: **02:00:00** End Time: **09:46:50** Time On Btm: **2010.05.23 @ 04:20:00**  
 Time Off Btm: **2010.05.23 @ 07:37:20**

**TEST COMMENT:** If- Weak building blow 3" in the bucket.  
 IS- No blow back.  
 FF- Weak surface blow for 3min. and died.  
 FS- No blow back.



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2621.21	111.72	Initial Hydro-static
9	110.21	114.84	Open To Flow (1)
35	109.71	115.46	Shut-in(1)
82	1126.11	116.88	End Shut-in(1)
82	113.39	116.53	Open To Flow (2)
123	111.13	117.23	Shut-in(2)
196	976.80	118.45	End Shut-in(2)
198	2506.40	118.49	Final Hydro-static

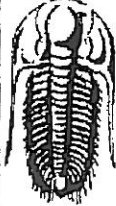
**Recovery**

Length (ft)	Description	Volume (bbl)
185.00	5%gas 95% mud	1.51

**Gas Rates**

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

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 <p style="font-size: 2em; font-weight: bold; margin: 0;">TRILOBITE TESTING, INC</p>	DRILL STEM TEST REPORT		FLUID SUMMARY
	S&W Oil&Gas LLC.	Double H Farms 24-2	
	3540 W Douglas Suite #3 Wichita Ks. 67203	24/29/25	
ATTN: Mike Engelbrecht	Job Ticket: 37634	DST#: 4	
	Test Start: 2010.05.23 @ 02:00:00		
Mud and Cushion Information			
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 62.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.60 in <sup>2</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3800.00 ppm			
Filter Cake: inches			
Recovery Information			
Recovery Table			
Length ft	Description	Volume bbl	
185.00	5%gas 95%mud	1.511	
Total Length:	185.00 ft	Total Volume:	1.511 bbl
Num Fluid Samples:	0	Num Gas Bombs:	0
Laboratory Name:		Serial #:	
Recovery Comments:			

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DST Test Number: 4

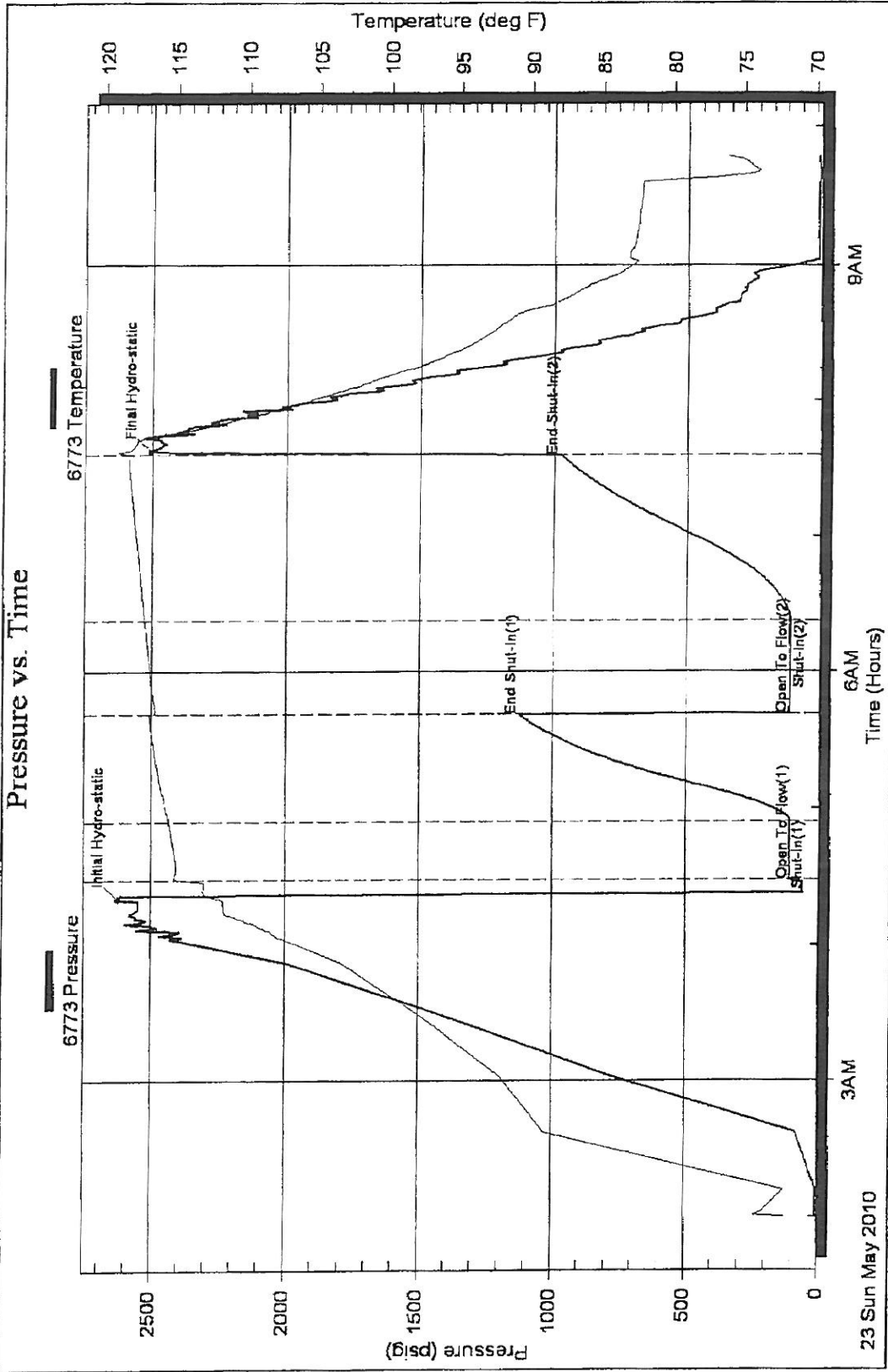
24/29/25

S&W Oil&Gas LLC.

Inside

Serial #: 6773

### Pressure vs. Time



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