



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Staab Oil Company**

1607 Hopewell Rd
Hays KS 67601

ATTN: Frank Staab

30 12 17W Ellis KS

Toulon-Staab #1

Start Date: 2007.09.26 @ 07:32:25

End Date: 2007.09.26 @ 15:42:25

Job Ticket #: 30034 DST #: 1

*15-051-25671-00-00
NE SE NE
1660 FNL 330 FEL*

RECEIVED
KANSAS CORPORATION COMMISSION

NOV 13 2007

CONSERVATION DIVISION
WICHITA, KS

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Staab Oil Company
Toulon-Staab #1
30 12 17W Ellis KS
US1 #1
Arbuckle
2007.09.26



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Staab Oil Company

1607 Hopewell Rd
Hays KS 67601

ATTN: Frank Staab

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30 12 17W Ellis KS

Job Ticket: 30034

DST#: 1

Test Start: 2007.09.26 @ 07:32:25

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:00:25
Time Test Ended: 15:42:25

Test Type: Conventional Straddle
Tester: Ray Schwager
Unit No: 42

Interval: **3628.00 ft (KB) To 3703.00 ft (KB) (TVD)**
Total Depth: 3760.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 2129.00 ft (KB)
2124.00 ft (CF)
KB to GR/CF: 5.00 ft

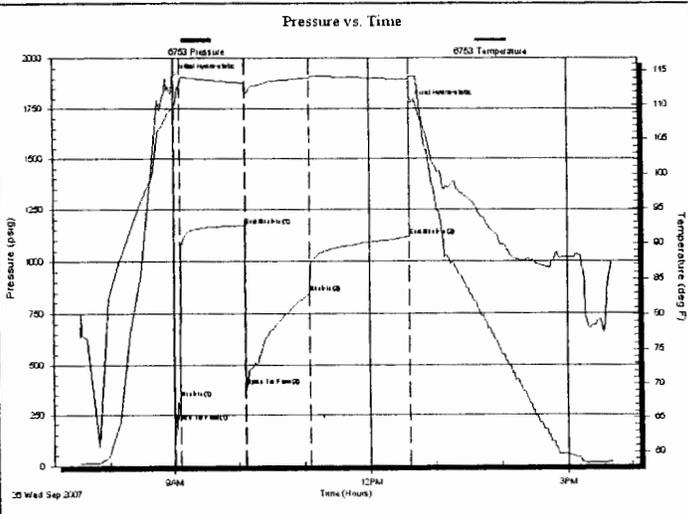
Serial #: 6753

Inside

Press@RunDepth: 848.36 psig @ 3631.01 ft (KB)
Start Date: 2007.09.26 End Date: 2007.09.26
Start Time: 07:32:30 End Time: 15:42:24

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2007.09.26 @ 08:59:55
Time Off Btm: 2007.09.26 @ 12:36:55

TEST COMMENT: IFP Strg bl in 1 min
FFP Strg bl in 2 min
Times 5 60 60 90
1/4" bl bk on shut-in



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1909.46	109.43	Initial Hydro-static
1	215.71	108.46	Open To Flow (1)
6	336.71	112.69	Shut-In (1)
67	1172.44	113.25	End Shut-In (1)
67	393.83	112.03	Open To Flow (2)
125	848.36	113.94	Shut-In (2)
217	1119.22	113.76	End Shut-In (2)
217	1775.91	114.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1530.00	CO	19.38
120.00	MGO 25%G 65%O 10%M	1.68
300.00	MGO 30%G 50%O 20%M	4.21

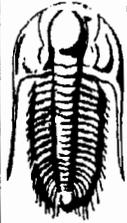
Gas Rates

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

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TOOL DIAGRAM

Staab Oil Company

Toulon-Staab #1

1607 Hopewell Rd
Hays KS 67601

30 12 17W Ellis KS

Job Ticket: 30034

DST#: 1

ATTN: Frank Staab

Test Start: 2007.09.26 @ 07:32:25

Tool Information

Drill Pipe:	Length: 3332.00 ft	Diameter: 3.80 inches	Volume: 46.74 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 300.00 ft	Diameter: 2.70 inches	Volume: 2.12 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 48.86 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3628.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	3703.01 ft			
Interval between Packers:	75.01 ft			
Tool Length:	157.02 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3608.00	
Shut In Tool	5.00			3613.00	
Hydraulic tool	5.00			3618.00	
Packer	5.00			3623.00	21.00 Bottom Of Top Packer
Packer	5.00			3628.00	
Stubb	1.00			3629.00	
Perforations	2.00			3631.00	
Recorder	0.01	6753	Inside	3631.01	
Blank Spacing	63.00			3694.01	
Perforations	5.00			3699.01	
Blank Off Sub	1.00			3700.01	
Blank Spacing	3.00			3703.01	75.01 Tool Interval
Packer	5.00			3708.01	
Stubb	1.00			3709.01	
Perforations	20.00			3729.01	
Recorder	0.01	13534	Below	3729.02	
Blank Spacing	32.00			3761.02	
Bullnose	3.00			3764.02	61.01 Bottom Packers & Anchor

Total Tool Length: 157.02

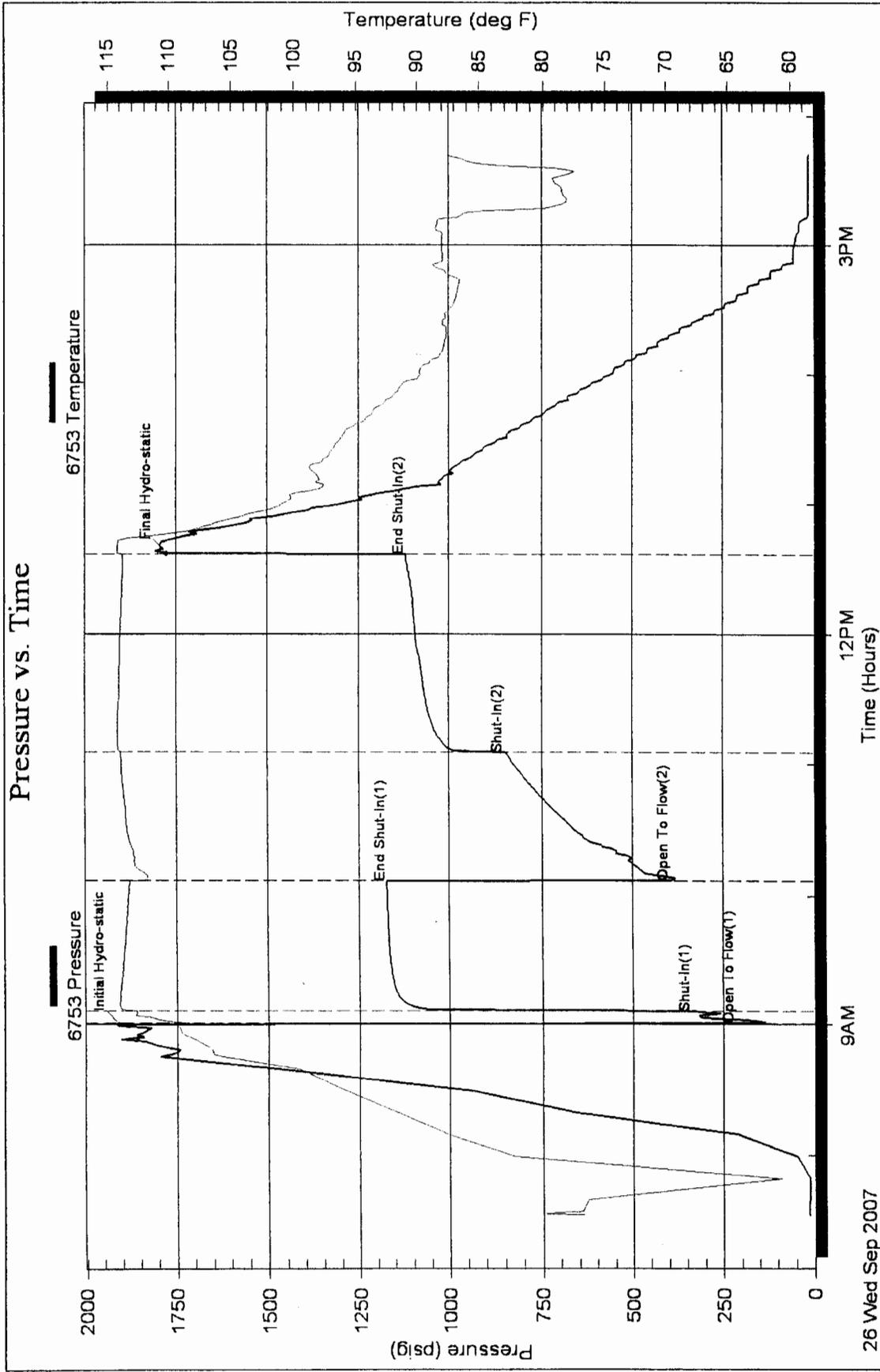
Serial #: 6753

Inside

Staab Oil Company

30 12 17W Ellis KS

DST Test Number: 1





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FLUID SUMMARY

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30 12 17W Ellis KS

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DST#: 1

ATTN: Frank Staab

Test Start: 2007.09.26 @ 07:32:25

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

25 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 43.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.94 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1530.00	CO	19.378
120.00	MGO 25%G 65%O 10%M	1.683
300.00	MGO 30%G 50%O 20%M	4.208

Total Length: 1950.00 ft

Total Volume: 25.269 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: