



DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc**

P.O. Box 47
Great Bend KS 67530-0047

ATTN: Derek Patterson

Ney Unit # 7

32 15s 12w Russell

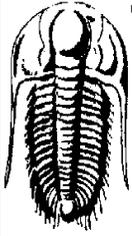
Start Date: 2012.08.27 @ 20:00:00

End Date: 2012.08.28 @ 02:30:00

Job Ticket #: 47649 DST #: 1

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

Printed: 2012.08.28 @ 02:57:09



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

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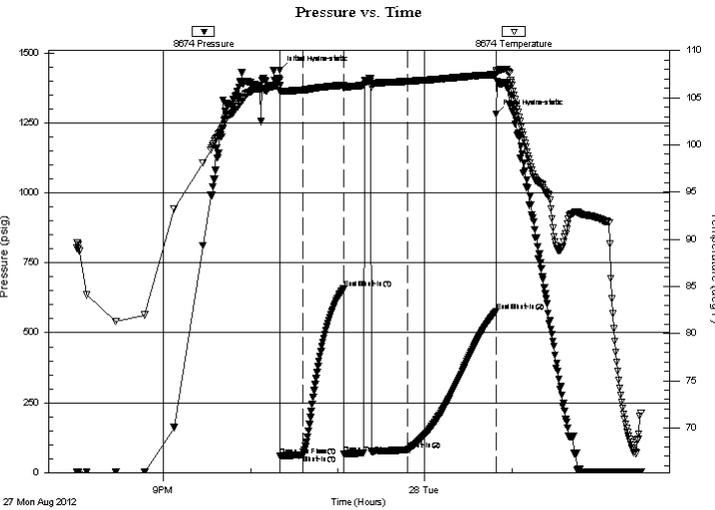
32 15s 12w Russell
Ney Unit # 7
Job Ticket: 47649 **DST#: 1**
Test Start: 2012.08.27 @ 20:00:00

GENERAL INFORMATION:

Formation: **Douglas Sand & LKC "**
Deviated: No Whipstock: 1859.00 ft (KB) Test Type: Conventional Bottom Hole (Initial)
Time Tool Opened: 22:20:20 Tester: Jim Svaty
Time Test Ended: 02:30:00 Unit No: 58
Interval: 2968.00 ft (KB) To 3072.00 ft (KB) (TVD) Reference Elevations: 1859.00 ft (KB)
Total Depth: 3072.00 ft (KB) (TVD) 1854.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 8674 Outside
Press@RunDepth: 81.13 psig @ 2974.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.08.27 End Date: 2012.08.28 Last Calib.: 2012.08.28
Start Time: 20:00:05 End Time: 02:29:20 Time On Btm: 2012.08.27 @ 22:20:00
Time Off Btm: 2012.08.28 @ 00:49:20

TEST COMMENT: 15-IFP- Surface Blow Building to 3in
30-ISIP- No Blow
45-FFP- No Blow in 12min Flushed Surface Blow Died in 38min
60-FSIP- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1440.14	106.24	Initial Hydro-static
1	59.60	105.63	Open To Flow (1)
16	62.89	105.81	Shut-In(1)
44	658.17	106.32	End Shut-In(1)
45	66.48	105.99	Open To Flow (2)
89	81.13	106.73	Shut-In(2)
150	577.56	107.47	End Shut-In(2)
150	1283.52	107.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
122.00	Oil Speck Mud	0.60

Gas Rates

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



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TOOL DIAGRAM

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Tool Information

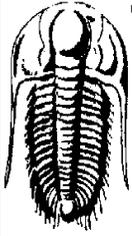
Drill Pipe:	Length: 2727.00 ft	Diameter: 3.80 inches	Volume: 38.25 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 242.00 ft	Diameter: 2.25 inches	Volume: 1.19 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 39.44 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	2968.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	104.00 ft			
Tool Length:	132.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			2941.00	
Shut In Tool	5.00		Fluid	2946.00	
Hydraulic tool	5.00			2951.00	
Jars	5.00			2956.00	
Safety Joint	3.00			2959.00	
Packer	5.00		Inside	2964.00	28.00 Bottom Of Top Packer
Packer	4.00			2968.00	
Stubb	1.00			2969.00	
Perforations	4.00			2973.00	
Change Over Sub	1.00			2974.00	
Recorder	0.00	8355	Inside	2974.00	
Recorder	0.00	8674	Outside	2974.00	
Blank Spacing	94.00			3068.00	
Change Over Sub	1.00			3069.00	
Bullnose	3.00			3072.00	104.00 Bottom Packers & Anchor

Total Tool Length: 132.00



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FLUID SUMMARY

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Ney Unit # 7
Job Ticket: 47649 **DST#: 1**
Test Start: 2012.08.27 @ 20:00:00

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: 42.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.18 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3800.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

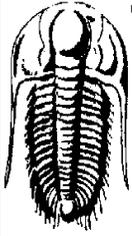
Length ft	Description	Volume bbl
122.00	Oil Speck Mud	0.600

Total Length: 122.00 ft Total Volume: 0.600 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:



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GAS RATES

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Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

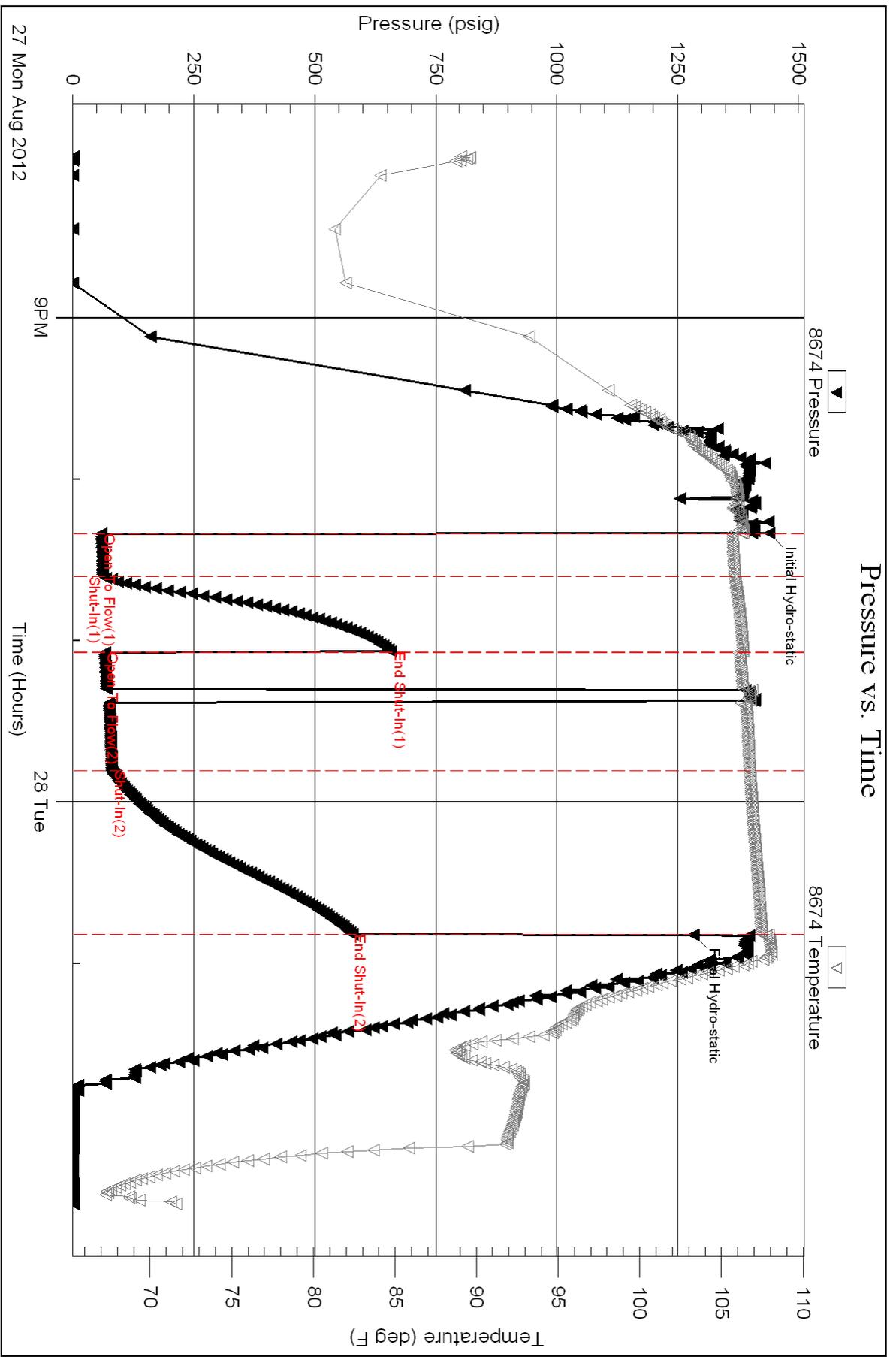
Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
		0.00	0.00	0.00

Serial #: 8674

Outside Carmen Schmitt Inc

Ney Unit # 7

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 47649

Printed: 2012.08.28 @ 02:57:11

Serial #: 8355

Inside

Carmen Schmitt Inc

Ney Unit # 7

DST Test Number: 1

