



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Deutsch Oil Co
8100 E 22nd Street North
Building 800
Wichita, Kansas 67226
ATTN: Aaron Young

18-26S-11W Pratt
Triple M 1-18
Job Ticket: 63987 **DST#: 2**
Test Start: 2018.07.15 @ 16:34:04

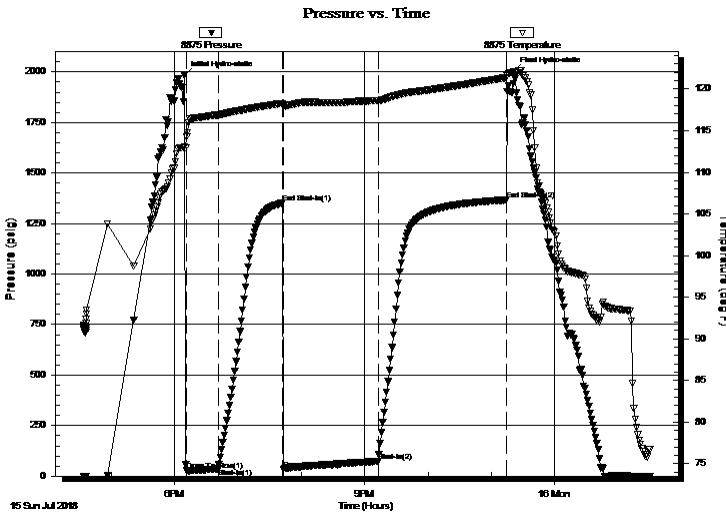
GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 18:11:51
Time Test Ended: 01:29:51
Interval: **4038.00 ft (KB) To 4097.00 ft (KB) (TVD)**
Total Depth: 4097.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Leal Cason
Unit No: 74
Reference Elevations: 1865.00 ft (KB)
1858.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8875 Inside
Press@RunDepth: 74.02 psig @ 4039.00 ft (KB) Capacity: psig
Start Date: 2018.07.15 End Date: 2018.07.16 Last Calib.: 2018.07.16
Start Time: 16:34:05 End Time: 01:29:51 Time On Btm: 2018.07.15 @ 18:09:36
Time Off Btm: 2018.07.15 @ 23:20:36

TEST COMMENT: IF: Strong Blow , BOB in 2 minutes, Built to 120 inches
IS: No Blow Back
FF: Strong Blow , BOB immediate, Built to 334 inches
FS: No Blow Back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1983.18	113.12	Initial Hydro-static
3	27.89	114.31	Open To Flow (1)
32	36.62	116.88	Shut-In(1)
93	1350.75	118.25	End Shut-In(1)
94	34.35	117.89	Open To Flow (2)
183	74.02	118.60	Shut-In(2)
305	1366.70	121.41	End Shut-In(2)
311	2002.66	121.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	3296 GIP	0.00
120.00	GOCM 20%G 20%O 60%M	1.68

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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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: 43.00 sec/qt	Cushion Volume: bbl		
Water Loss: 12.39 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 11000.00 ppm			
Filter Cake: 0.02 inches			

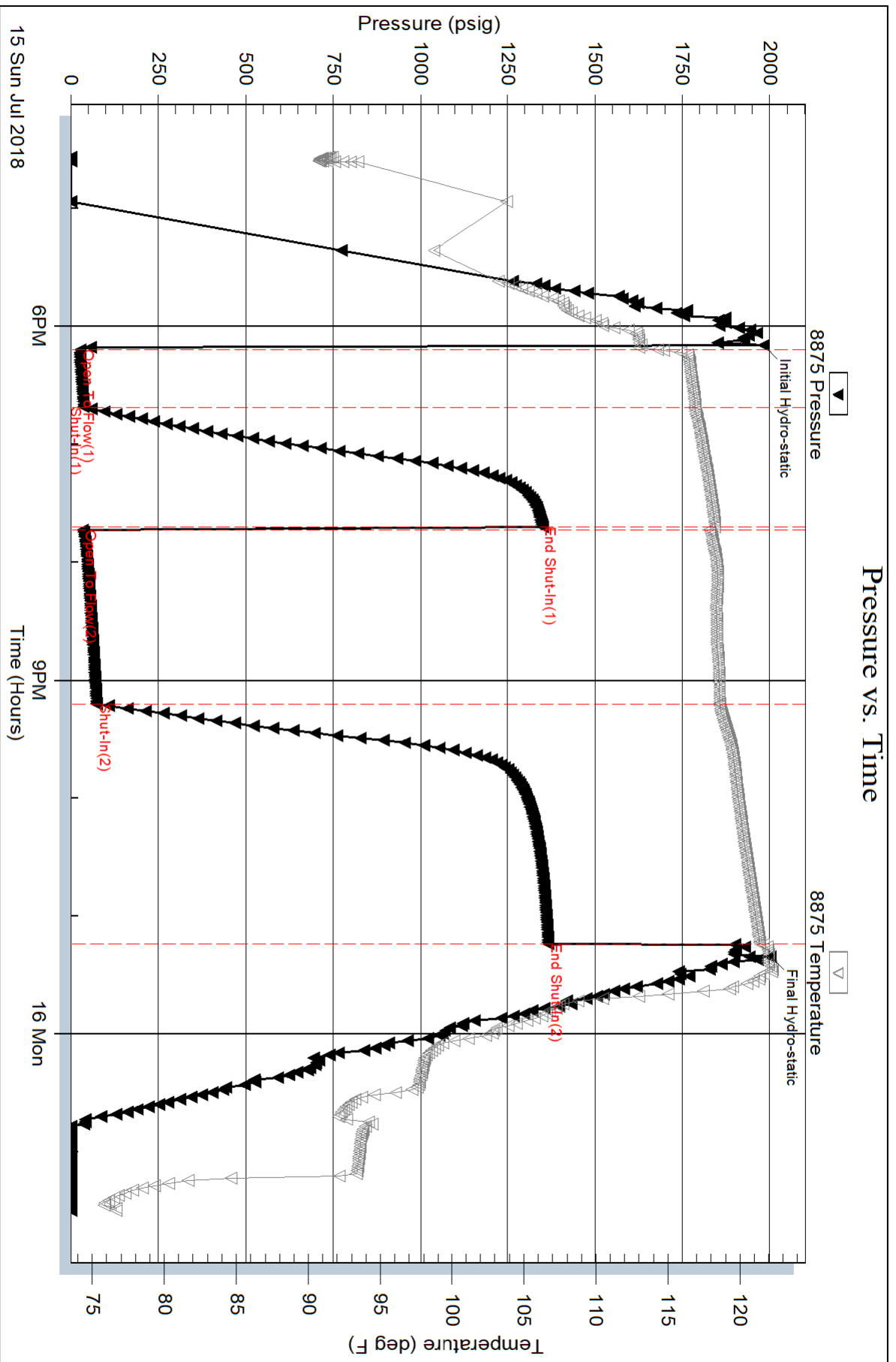
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	3296 GIP	0.000
120.00	GOCM 20%G 20%O 60%M	1.683

Total Length: 120.00 ft Total Volume: 1.683 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time



Serial #: 6749

Outside Deutsch Oil Co

Triple M1-18

DST Test Number: 2

