



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Pickrell Drilling Co

24-28S-6W Kingman

100 S Main Ste 505
Wichita, KS 67202

Thissen D 1

Job Ticket: 63976

DST#: 1

ATTN: Aaron Young

Test Start: 2018.06.12 @ 20:32:25

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:09:27

Time Test Ended: 04:36:27

Test Type: Conventional Bottom Hole (Initial)

Tester: Leal Cason

Unit No: 74

Interval: 3880.00 ft (KB) To 3910.00 ft (KB) (TVD)

Reference Elevations: 1444.00 ft (KB)

Total Depth: 3910.00 ft (KB) (TVD)

1437.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 7.00 ft

Serial #: 8875

Inside

Press@RunDepth: 71.12 psig @ 3881.00 ft (KB)

Capacity: psig

Start Date: 2018.06.12

End Date:

2018.06.13

Last Calib.:

2018.06.13

Start Time: 20:32:26

End Time:

04:36:27

Time On Btm:

2018.06.12 @ 22:08:27

Time Off Btm:

2018.06.13 @ 02:12:27

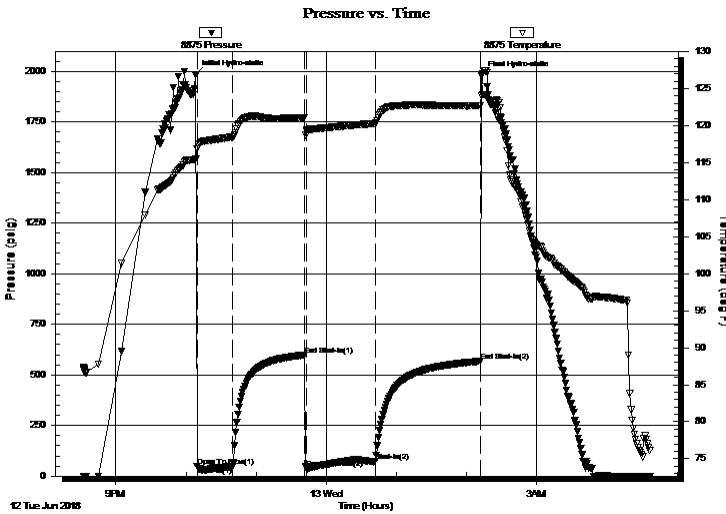
TEST COMMENT: IF: Strong Blow , BOB in 30 seconds, Built to 325 inches

IS: No Blow Back

FF: Strong Blow , BOB immediate, GTS in 3 minutes, Gauged & Caught Sample

FS: No Blow Back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1984.88	115.50	Initial Hydro-static
1	48.83	116.88	Open To Flow (1)
32	47.69	118.48	Shut-In(1)
94	598.17	121.07	End Shut-In(1)
95	38.96	119.29	Open To Flow (2)
154	71.12	120.30	Shut-In(2)
244	567.90	122.69	End Shut-In(2)
244	1978.99	124.09	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	GTS	0.00
95.00	SGCM 5%G 95%M	1.33

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	24.00	14.37
Last Gas Rate	0.25	25.00	62.50
Max. Gas Rate	0.13	31.00	16.99



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FLUID SUMMARY

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Job Ticket: 63976

DST#: 1

ATTN: Aaron Young

Test Start: 2018.06.12 @ 20:32:25

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	GTS	0.000
95.00	SGCM 5%G 95%M	1.333

Total Length: 95.00 ft Total Volume: 1.333 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



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DRILL STEM TEST REPORT

GAS RATES

Pickrell Drilling Co

24-28S-6W Kingman

100 S Main Ste 505
Wichita, KS 67202

Thissen D 1

Job Ticket: 63976

DST#: 1

ATTN: Aaron Young

Test Start: 2018.06.12 @ 20:32:25

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)
2	20	0.13	24.00	14.37
2	20	0.13	24.00	14.37
2	30	0.13	27.00	15.50
2	40	0.13	31.00	16.99
2	50	0.25	25.00	62.50

Serial #: 8875

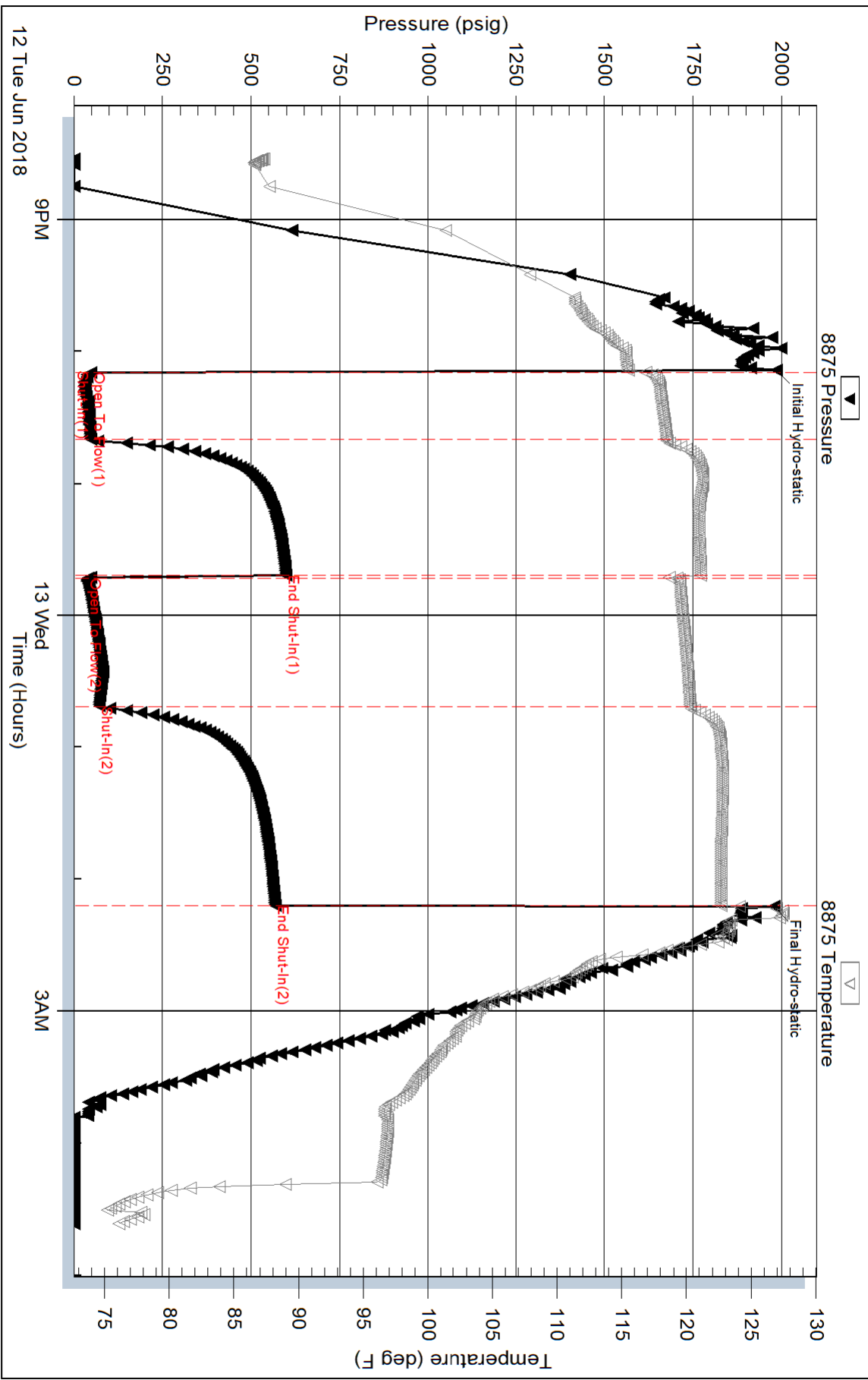
Inside

Pickrell Drilling Co

Thissen D 1

DST Test Number: 1

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 63976

Printed: 2018.06.13 @ 08:05:55

Serial #: 6749

Outside Pckrell Drilling Co

Thissen D 1

DST Test Number: 1

