



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Mikol Oil LLC
1407 Washington Cir.
Hays, KS 67601
ATTN: Marc Downing

17-8S-16W Rooks, KS
Townley #1-17
Job Ticket: 34536 **DST#: 4**
Test Start: 2015.08.03 @ 19:11:36

GENERAL INFORMATION:

Formation: **LKC "K"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 20:50:36
Time Test Ended: 00:09:36
Interval: **3264.00 ft (KB) To 3303.00 ft (KB) (TVD)**
Total Depth: 3303.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Reference Elevations: 1932.00 ft (KB)
1924.00 ft (CF)
KB to GR/CF: 8.00 ft
Test Type: Conventional Bottom Hole (Reset)
Tester: Brannan Lonsdale
Unit No: 62

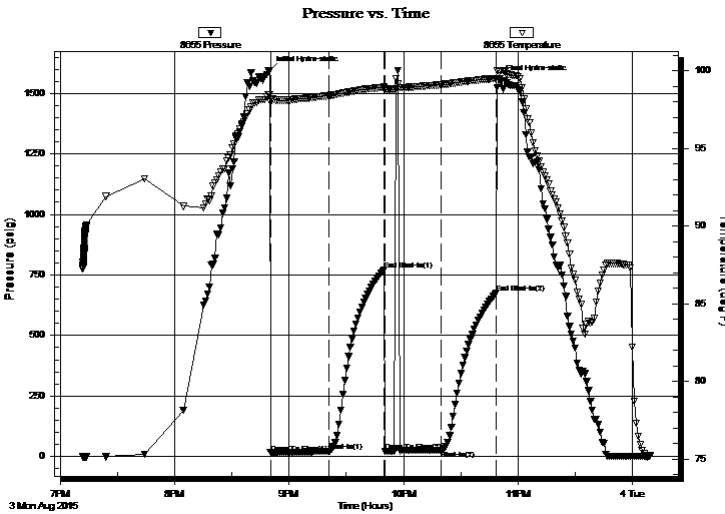
Serial #: 8655

Outside

Press@RunDepth: 27.00 psig @ 3268.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.08.03 End Date: 2015.08.04 Last Calib.: 2015.08.04
Start Time: 19:11:37 End Time: 00:09:36 Time On Btm: 2015.08.03 @ 20:49:36
Time Off Btm: 2015.08.03 @ 22:50:06

TEST COMMENT: 30- IF- Surface blow died in 5mins
30- IS- No blow
30- FF- No blow Flushed tool No blow
30- FSI- No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1594.61	98.48	Initial Hydro-static
1	15.83	98.21	Open To Flow (1)
31	21.14	98.40	Shut-In(1)
60	771.56	98.95	End Shut-In(1)
61	22.33	98.78	Open To Flow (2)
90	27.00	99.11	Shut-In(2)
119	675.66	99.51	End Shut-In(2)
121	1558.55	99.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	M	0.07

* 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: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	M	0.074

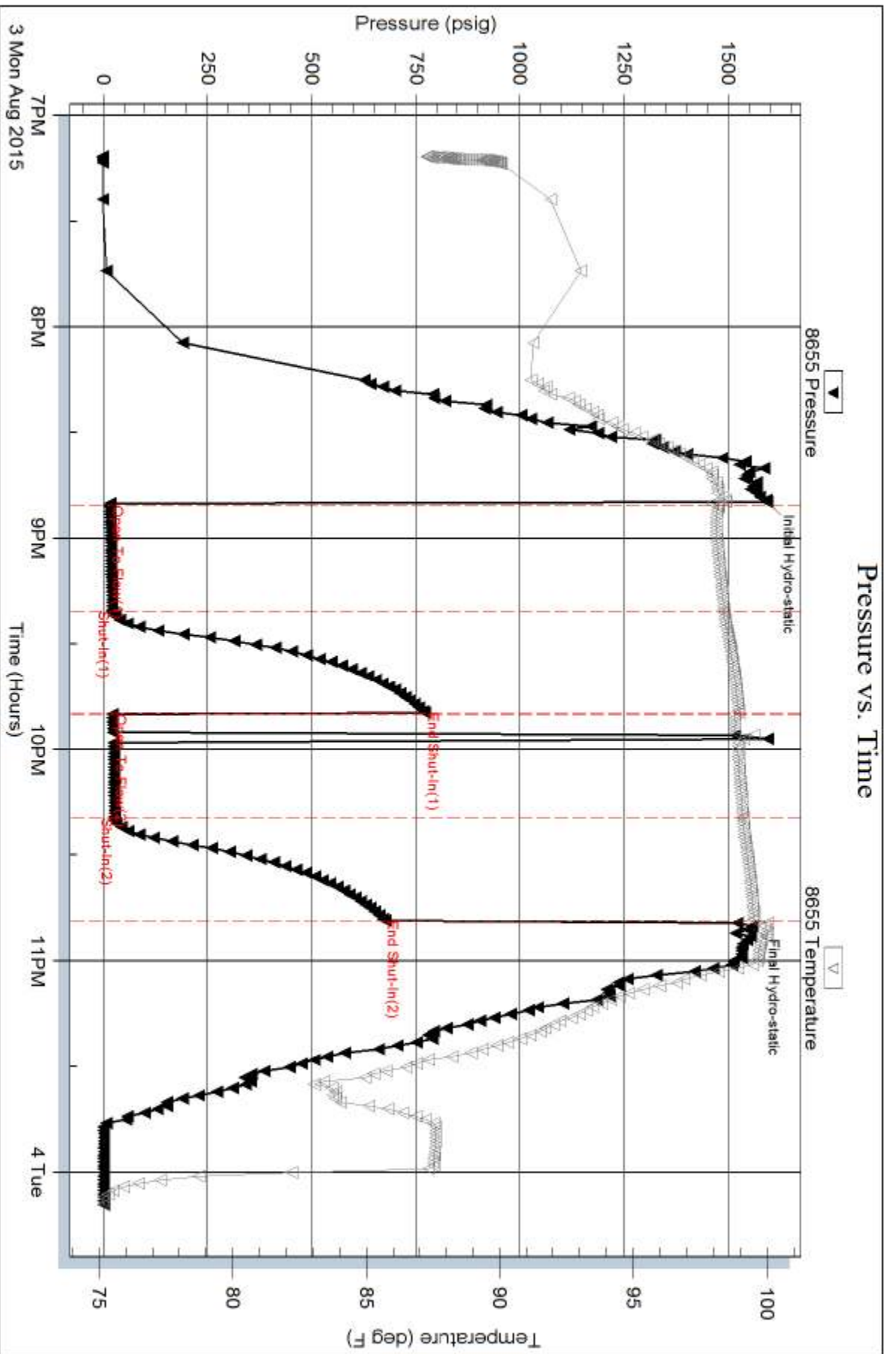
Total Length: 15.00 ft Total Volume: 0.074 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 8655

Outside Mkol Oil LLC

Tow nley #1-17

DST Test Number: 4



Tribble Testing, Inc

Ref. No: 34536

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