



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Mikol Oil LLC
1407 Washington Cir
Hays Ks 67601
ATTN: Jason Alm

8-8s-16w Rooks
Townley 2-8
Job Ticket: 65475 **DST#: 1**
Test Start: 2016.07.20 @ 11:05:58

GENERAL INFORMATION:

Formation: **LKC A-D**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 13:03:08
Time Test Ended: 16:23:07
Test Type: Conventional Bottom Hole (Initial)
Tester: Ray Schwager
Unit No: 77
Interval: **3052.00 ft (KB) To 3145.00 ft (KB) (TVD)**
Reference Elevations: 1917.00 ft (KB)
Total Depth: 3145.00 ft (KB) (TVD) 1909.00 ft (CF)
Hole Diameter: 7.85 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

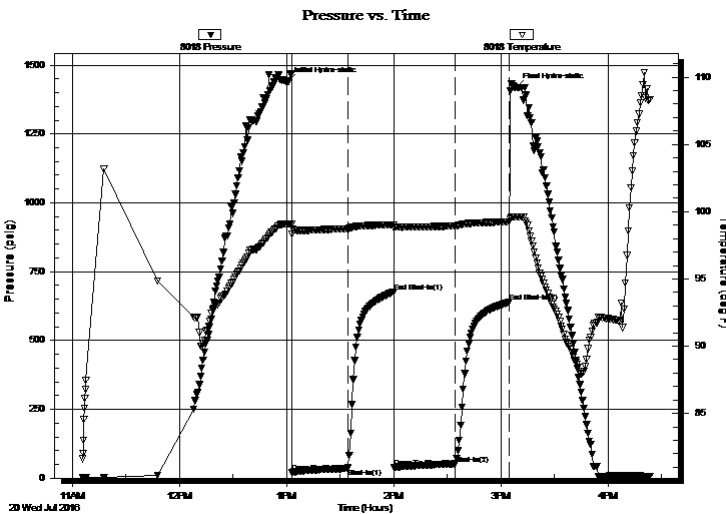
Serial #: 8018

Inside

Press@RunDepth: 51.64 psig @ 3057.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2016.07.20 End Date: 2016.07.20 Last Calib.: 2016.07.20
Start Time: 11:05:58 End Time: 16:23:07 Time On Btm: 2016.07.20 @ 13:00:38
Time Off Btm: 2016.07.20 @ 15:08:23

TEST COMMENT: 30-IFP-w k bl thru-out 1/4"bl
30-ISIP-no bl
30-FFP-surface bl thru-out
30-FSIP-no bl

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1441.41	99.08	Initial Hydro-static
3	21.00	98.36	Open To Flow (1)
34	35.69	98.74	Shut-In(1)
60	677.40	99.04	End Shut-In(1)
60	38.90	98.75	Open To Flow (2)
94	51.64	98.94	Shut-In(2)
124	639.07	99.24	End Shut-In(2)
128	1419.10	99.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Mud w/ show of oil	0.42

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: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.20 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	Mud w / show of oil	0.425

Total Length: 60.00 ft Total Volume: 0.425 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Serial #: 8018

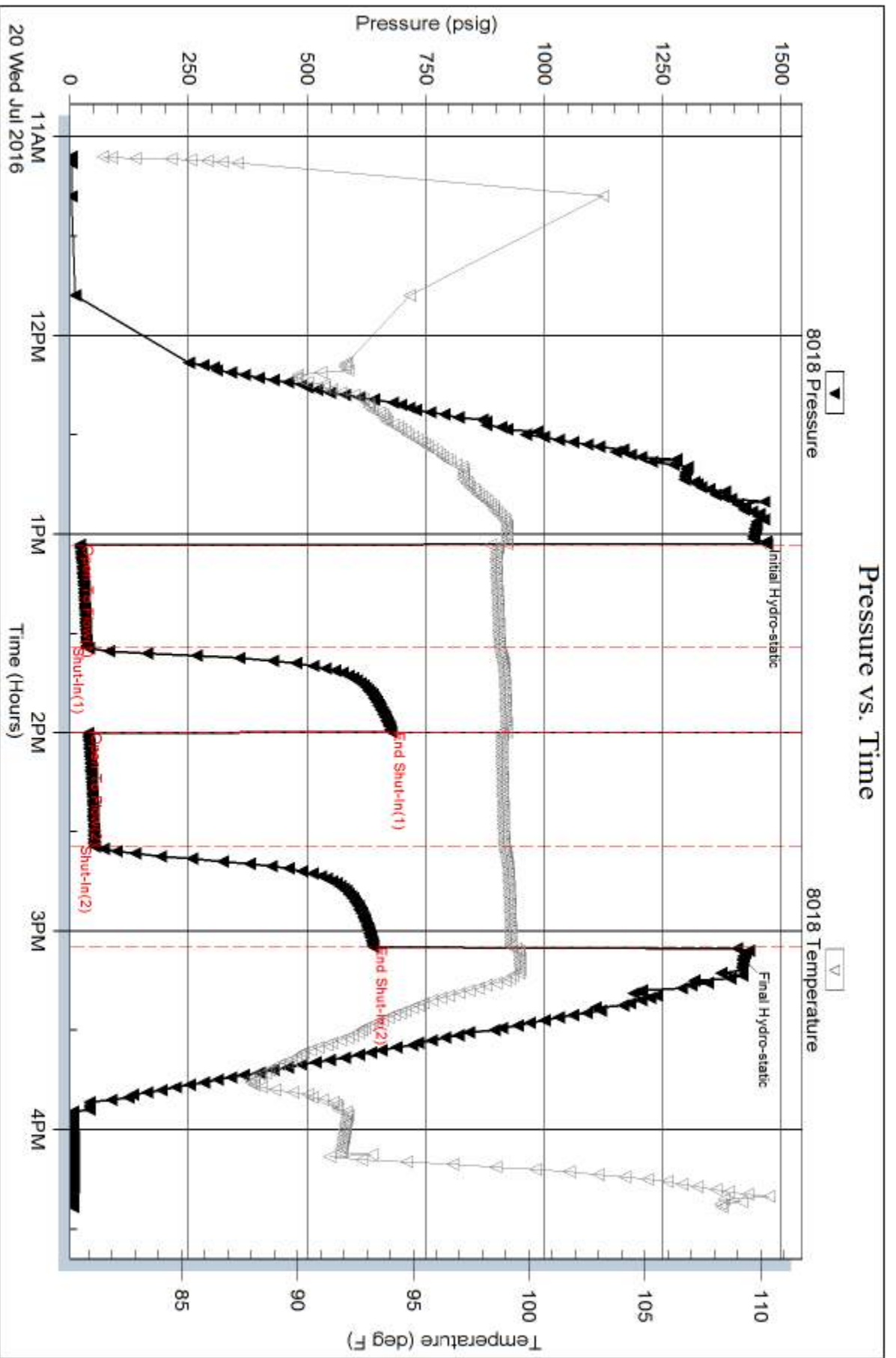
Inside

Mkol Oil LLC

Tow rley 2-8

DST Test Number: 1

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 65475

Printed: 2016.07.20 @ 16:40:25