



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

28/10s/17w Rooks KS
Brumitt #3
 Job Ticket: 65447 **DST#: 1**
 Test Start: 2017.05.12 @ 08:30:00

GENERAL INFORMATION:

Formation: **LKC "D"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 10:14:15
 Time Test Ended: 13:38:30
Interval: 3337.00 ft (KB) To 3360.00 ft (KB) (TVD)
 Total Depth: 3360.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: James Winder
 Unit No: 83
 Reference Elevations: 2073.00 ft (KB)
 2067.00 ft (CF)
 KB to GR/CF: 6.00 ft

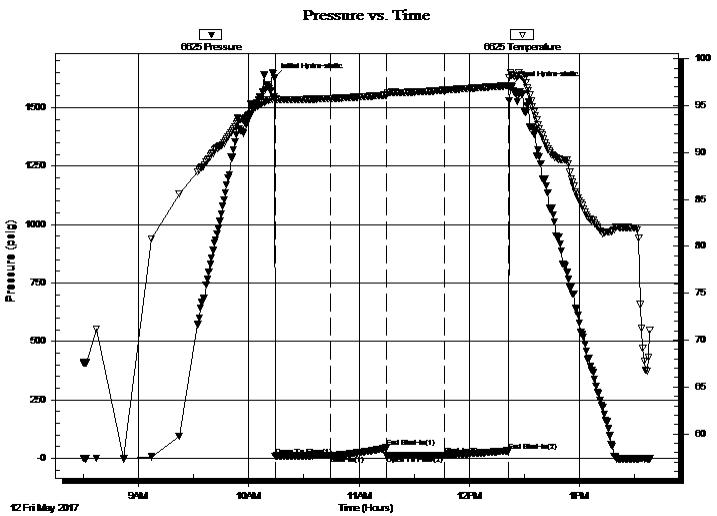
Serial #: 6625

Inside

Press@RunDepth: 13.21 psig @ 3338.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.05.12 End Date: 2017.05.12 Last Calib.: 2017.05.12
 Start Time: 08:30:05 End Time: 13:38:29 Time On Btm: 2017.05.12 @ 10:14:00
 Time Off Btm: 2017.05.12 @ 12:23:00

TEST COMMENT: 30 - IF: Blow built to 1/2", died back to 1/4" at close
 30 - IS: No blow back
 30 - FF: No blow
 30 - FS: No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1625.42	95.95	Initial Hydro-static
1	8.74	95.71	Open To Flow (1)
31	11.38	95.76	Shut-In(1)
61	44.95	96.12	End Shut-In(1)
61	12.37	96.13	Open To Flow (2)
93	13.21	96.64	Shut-In(2)
128	32.15	97.13	End Shut-In(2)
129	1593.54	98.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
4.00	Mud w /Oil spots 96%m, 3%o, 1%g	0.06

Gas Rates

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



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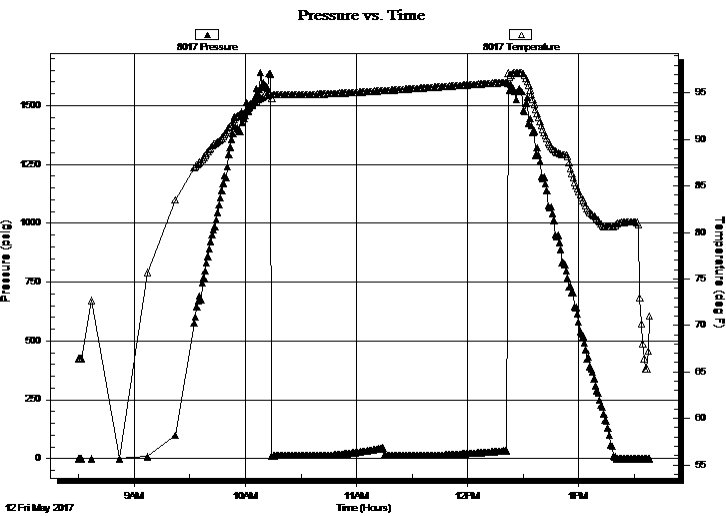
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 Unit No: 83
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 2067.00 ft (CF)
 KB to GR/CF: 6.00 ft

Serial #: 8017 Outside
 Press@RunDepth: psig @ 3338.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.05.12 End Date: 2017.05.12 Last Calib.: 2017.05.12
 Start Time: 08:30:05 End Time: 13:38:14 Time On Btm:
 Time Off Btm:

TEST COMMENT: 30 - IF: Blow built to 1/2", died back to 1/4" at close
 30 - IS: No blow back
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 30 - FS: No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
4.00	Mud w /Oil spots 96% _m , 3% _o , 1% _g	0.06

Gas Rates

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



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TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Mkol Oil LLC
1407 Washington Circle
Hays, KS 67601
ATTN: Marc Downing

28/10s/17w Rooks KS
Brumitt #3
Job Ticket: 65447 **DST#: 1**
Test Start: 2017.05.12 @ 08:30:00

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: 58.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 12000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
4.00	Mud w /Oil spots 96%m, 3%o, 1%g	0.056

Total Length: 4.00 ft Total Volume: 0.056 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

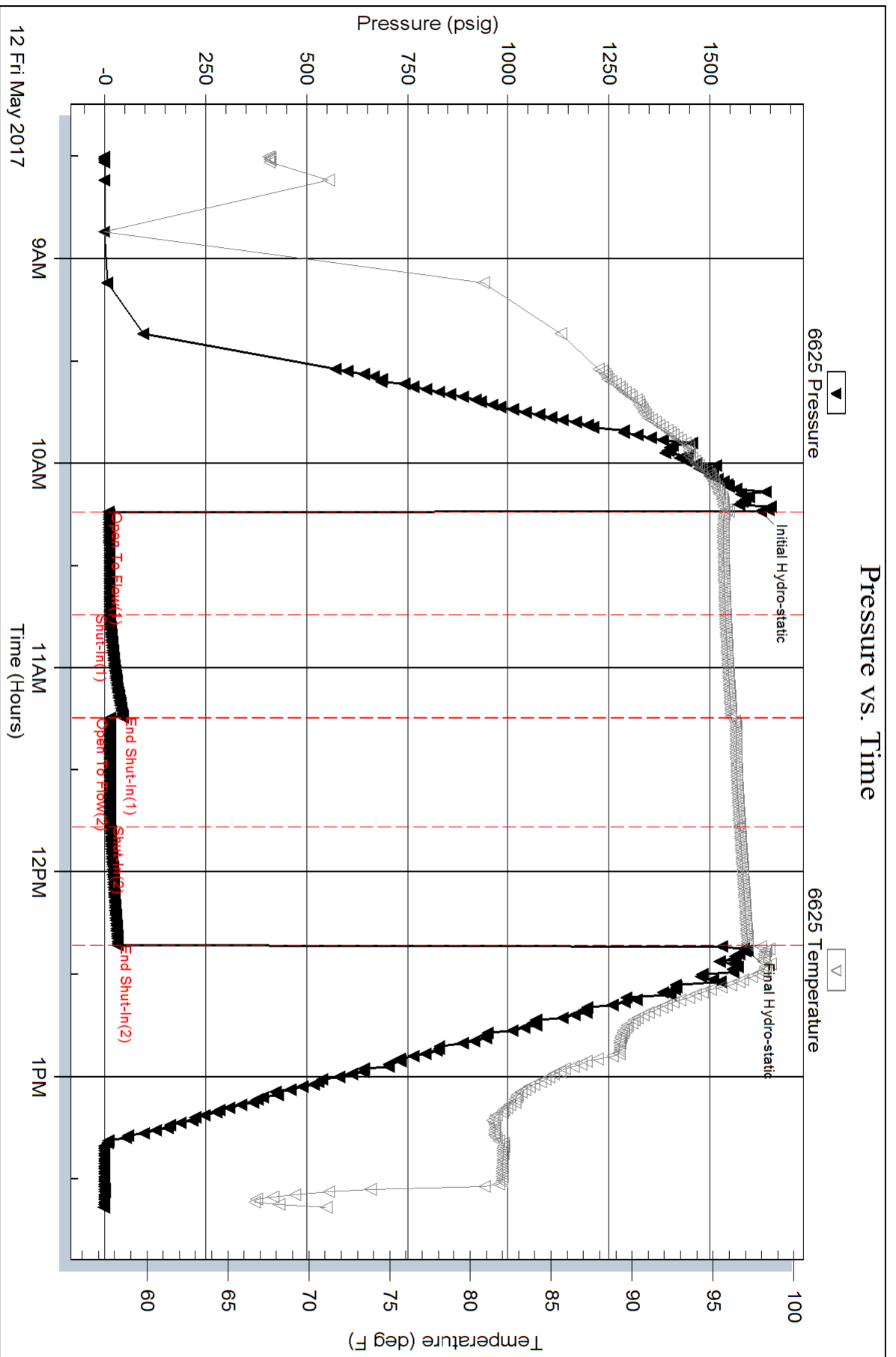
Serial #: 6625

Inside

Mkol Oil LLC

Burnt#3

DST Test Number: 1



Serial #: 8017

Outside

Mkol Oil LLC

Burnt#3

DST Test Number: 1

