



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

MTM Petroleum Inc
 2370 South State Rd 14
 PO Box 391
 Kingman Ks 67068-0391
 ATTN: Marvin Miller, Aaro

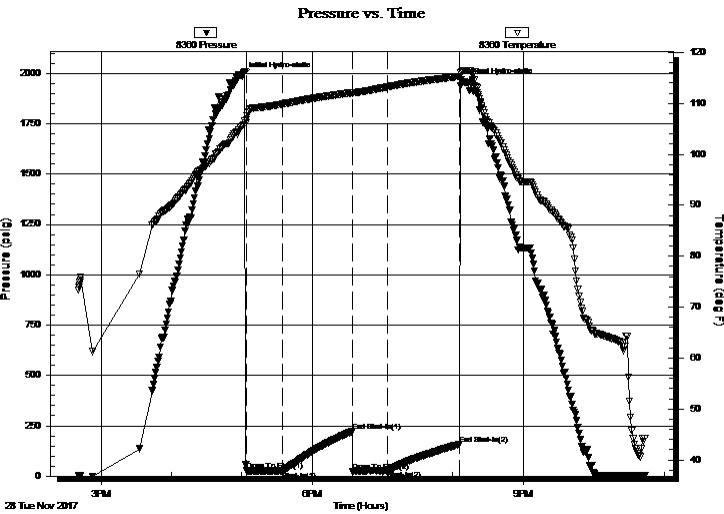
13-30s-8w Kingman
Leslie 1-13
 Job Ticket: 63232 **DST#: 1**
 Test Start: 2017.11.28 @ 14:40:54

GENERAL INFORMATION:

Formation: **Miss**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 17:04:04
 Tester: Ray Schwager
 Time Test Ended: 22:43:33
 Unit No: 77
 Interval: **4225.00 ft (KB) To 4272.00 ft (KB) (TVD)**
 Reference Elevations: 1532.00 ft (KB)
 Total Depth: 4272.00 ft (KB) (TVD) 1524.00 ft (CF)
 Hole Diameter: 7.85 inches Hole Condition: Fair
 KB to GR/CF: 8.00 ft

Serial #: 8360 **Inside**
 Press@RunDepth: 27.29 psig @ 4234.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.11.28 End Date: 2017.11.28 Last Calib.: 2017.11.28
 Start Time: 14:40:54 End Time: 22:43:33 Time On Btm: 2017.11.28 @ 17:00:34
 Time Off Btm: 2017.11.28 @ 20:10:48

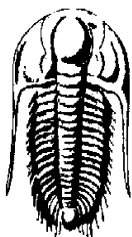
TEST COMMENT: 30-IFP-BOB in 2min
 60-ISIP-no bl bk
 30-FFP-w k to a gd bl 1"to 7 1/2"bl
 60-FSIP-no bl bk



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1985.80	105.56	Initial Hydro-static
4	27.29	106.78	Open To Flow (1)
35	25.38	109.88	Shut-In(1)
94	221.34	112.10	End Shut-In(1)
94	22.56	112.04	Open To Flow (2)
124	27.29	113.24	Shut-In(2)
185	158.48	115.27	End Shut-In(2)
191	1955.19	116.43	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
15.00	Mud w / show of oil	0.21
0.00	480' GIP	0.00

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



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13-30s-8w Kingman

Leslie 1-13

Job Ticket: 63232

DST#: 1

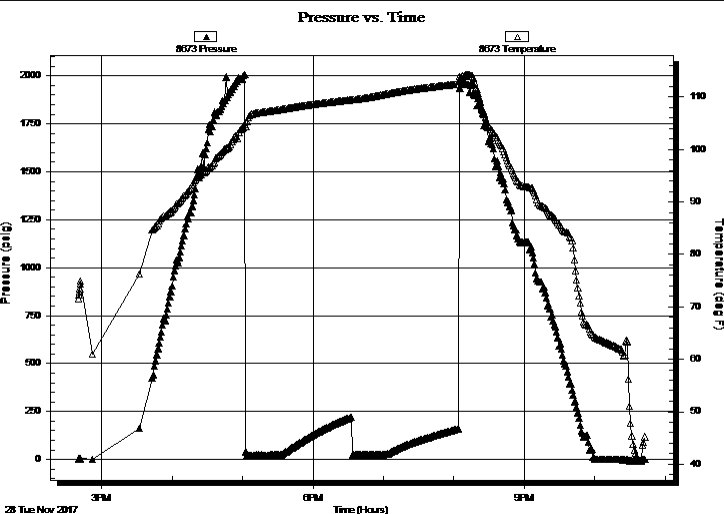
Test Start: 2017.11.28 @ 14:40:54

GENERAL INFORMATION:

Formation: **Miss**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 17:04:04
Time Test Ended: 22:43:33
Interval: **4225.00 ft (KB) To 4272.00 ft (KB) (TVD)**
Total Depth: 4272.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair
Reference Elevations: 1532.00 ft (KB)
1524.00 ft (CF)
KB to GR/CF: 8.00 ft
Test Type: Conventional Bottom Hole (Initial)
Tester: Ray Schwager
Unit No: 77

Serial #: 8673 **Outside**
Press@RunDepth: psig @ 4234.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2017.11.28 End Date: 2017.11.28 Last Calib.: 2017.11.28
Start Time: 14:40:05 End Time: 22:42:44 Time On Btm:
Time Off Btm:

TEST COMMENT: 30-IFP-BOB in 2min
60-ISIP-no bl bk
30-FFP-w k to a gd bl 1"to 7 1/2"bl
60-FSIP-no bl bk



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud w / show of oil	0.21
0.00	480' GIP	0.00

Gas Rates

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



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FLUID SUMMARY

MTM Petroleum Inc
2370 South State Rd 14
PO Box 391
Kingman Ks 67068-0391
ATTN: Marvin Miller , Aaro

13-30s-8w Kingman
Leslie 1-13
Job Ticket: 63232 **DST#: 1**
Test Start: 2017.11.28 @ 14:40:54

Mud and Cushion Information

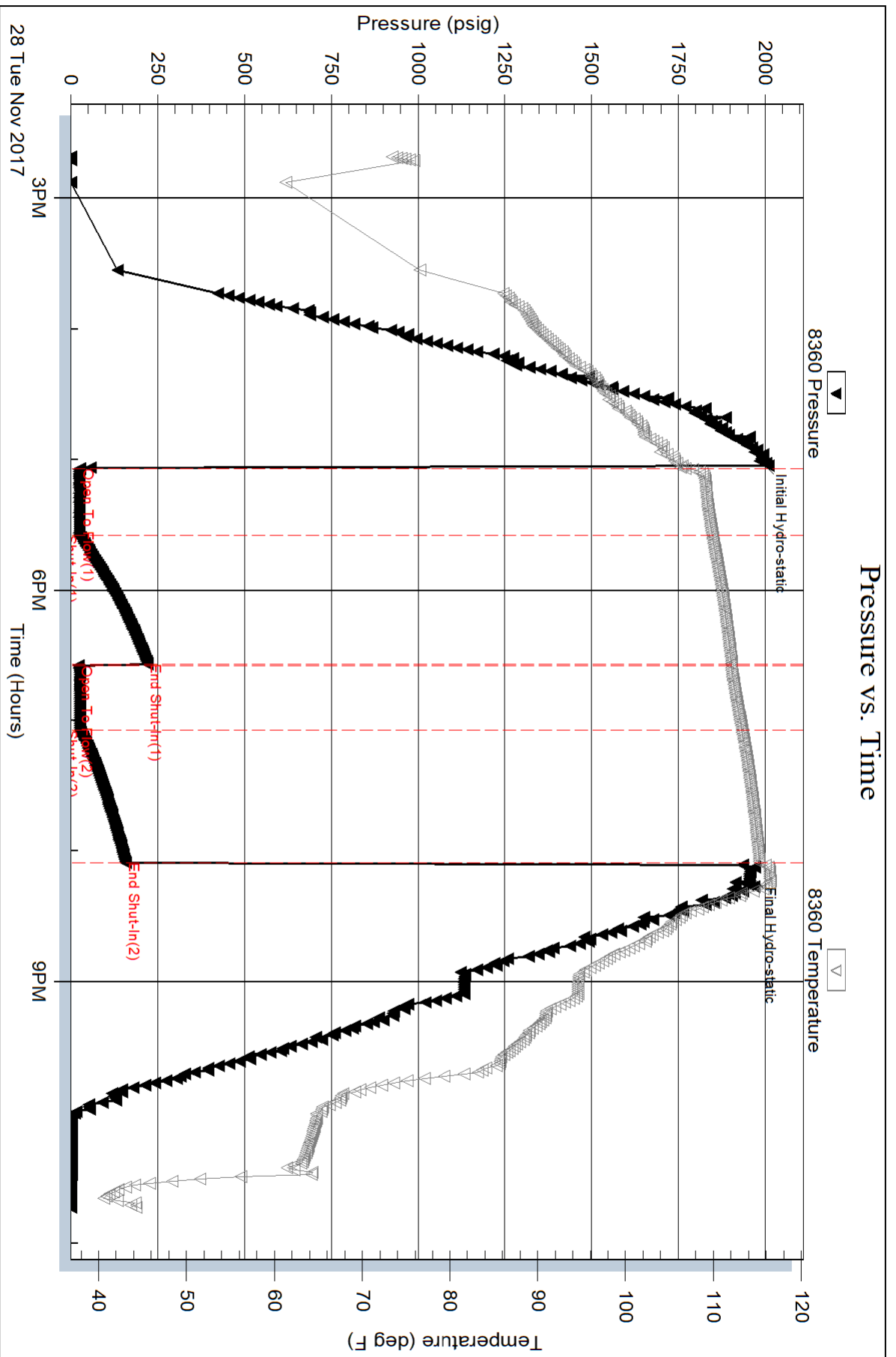
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.76 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Mud w / show of oil	0.210
0.00	480' GIP	0.000

Total Length: 15.00 ft Total Volume: 0.210 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:



Serial #: 8673

Outside MTM Petroleum Inc

Leslie 1-13

DST Test Number: 1

