

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Marexco, Inc.
 PO Box 21598
 Oklahoma City, OK 73115
 ATTN: Larry Nicholson

2/3s/29w
Overmiller #34-2
 Job Ticket: 62850 **DST#: 1**
 Test Start: 2015.10.05 @ 19:34:00

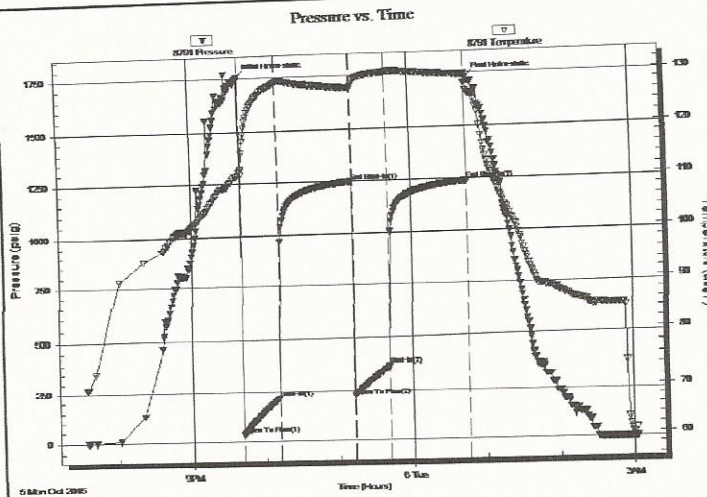
GENERAL INFORMATION:

Formation: **Lans. "A"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 21:41:30
 Time Test Ended: 03:02:15
Interval: 3609.00 ft (KB) To 3626.00 ft (KB) (TVD)
 Total Depth: 3626.00 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: 2600.00 ft (KB)
 2595.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8791 **Inside** Capacity: 8000.00 psig
 Press@RunDepth: 376.64 psig @ 3610.00 ft (KB) Last Calib.: 2015.10.06
 Start Date: 2015.10.05 End Date: 2015.10.06
 Start Time: 19:34:05 End Time: 03:02:14
 Time On Btm: 2015.10.05 @ 21:41:00
 Time Off Btm: 2015.10.06 @ 00:47:15

TEST COMMENT: 30 - IF: Blow built to BOB (11") at 5 1/4 min.
 60 - IS: No blow back
 30 - FF: Blow built to BOB at 6 3/4 min.
 60 - FS: No blow back



PRESSURE SUMMARY

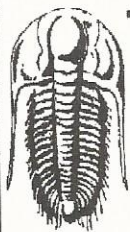
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1755.93	111.72	Initial Hydro-static
1	31.86	112.03	Open To Flow (1)
31	217.82	128.54	Shut-In(1)
91	1248.59	127.31	End Shut-In(1)
92	223.94	126.94	Open To Flow (2)
121	376.64	130.25	Shut-In(2)
185	1240.11	129.38	End Shut-In(2)
187	1729.50	126.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
710.00	SMCW w/trace oil 95%w, 5%m	9.96
62.00	MCW w/Oil spots 72%w, 27%m, 1%o	0.87
5.00	SO/MCW 69%w, 27%m, 4%o	0.07
0.00	a few inches of Free Oil on top	0.00

Gas Rates

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



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FLUID SUMMARY

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2/3s/29w
Overmiller #34-2
Job Ticket: 62850
DST#: 1
Test Start: 2015.10.05 @ 19:34:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 47.00 sec/qt
Water Loss: 7.20 in³
Resistivity: ohm.m
Salinity: 800.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: 15500 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
710.00	SMCW w /trace oil 95%w , 5%m	9.959
62.00	MCW w /Oil spots 72%w , 27%m, 1%o	0.870
5.00	SO/MCW 69%w , 27%m, 4%o	0.070
0.00	a few inches of Free Oil on top	0.000

Total Length: 777.00 ft Total Volume: 10.899 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: RW = .512 ohms @ 58 deg F
Chlorides = 15,500 ppm

Serial #: 8791

Inside

Marexco, Inc.

Overmiller #34-2

DST Test Number: 1

Pressure vs. Time

