



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Herman L Loeb LLC
 PO Box 838
 Lawrenceville, IL 62439
 ATTN: Doug Davis

2-31S-3W Sumner

Clark 6

Job Ticket: 58989

DST#: 1

Test Start: 2014.05.17 @ 23:26:09

GENERAL INFORMATION:

Formation: **Swope**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:13:39

Time Test Ended: 06:50:09

Test Type: Conventional Bottom Hole (Initial)

Tester: Leal Cason

Unit No: 74

Interval: **3296.00 ft (KB) To 3320.00 ft (KB) (TVD)**

Total Depth: 3320.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1306.00 ft (KB)

1297.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6798

Inside

Press@RunDepth: 30.68 psig @ 3297.00 ft (KB)

Start Date: 2014.05.17

End Date:

2014.05.18

Start Time: 23:26:10

End Time:

06:50:09

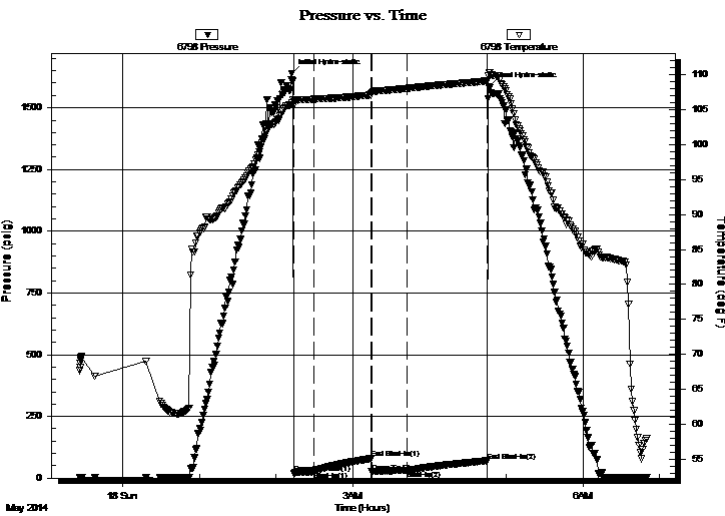
Capacity: 8000.00 psig

Last Calib.: 2014.05.18

Time On Btm: 2014.05.18 @ 02:12:24

Time Off Btm: 2014.05.18 @ 04:46:39

TEST COMMENT: IF: Weak 2 1/2 inch Blow
 IS: No Blow Back
 FF: Weak 2 inch Blow
 FS: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1639.61	106.00	Initial Hydro-static
2	17.41	105.63	Open To Flow (1)
17	27.60	106.50	Shut-In(1)
62	78.53	107.11	End Shut-In(1)
63	25.01	107.36	Open To Flow (2)
90	30.68	108.06	Shut-In(2)
153	70.21	109.13	End Shut-In(2)
155	1586.88	110.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	SOGCM 1% G 1%O 98%M	0.10

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: 63.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1500.00 ppm			
Filter Cake: 0.02 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	SOGCM 1% G 1%O 98%M	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time

