



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Daystar Petroleum, Inc

36-8s-19w Rooks

522 N. Main St.
PO Box 560
Eureka, Ks 67045-0506
ATTN: Matt Osborn, Brad Rin

Marston Unit #1-36

Job Ticket: 65455 **DST#: 6**
Test Start: 2016.04.05 @ 09:40:12

GENERAL INFORMATION:

Formation: **LKC H-L**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:32:37
Time Test Ended: 15:23:21
Interval: **3326.00 ft (KB) To 3435.00 ft (KB) (TVD)**
Total Depth: 3435.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair
Reference Elevations: 2007.00 ft (KB)
1999.00 ft (CF)
KB to GR/CF: 8.00 ft
Test Type: Conventional Bottom Hole (Reset)
Tester: Ray Schwager
Unit No: 77

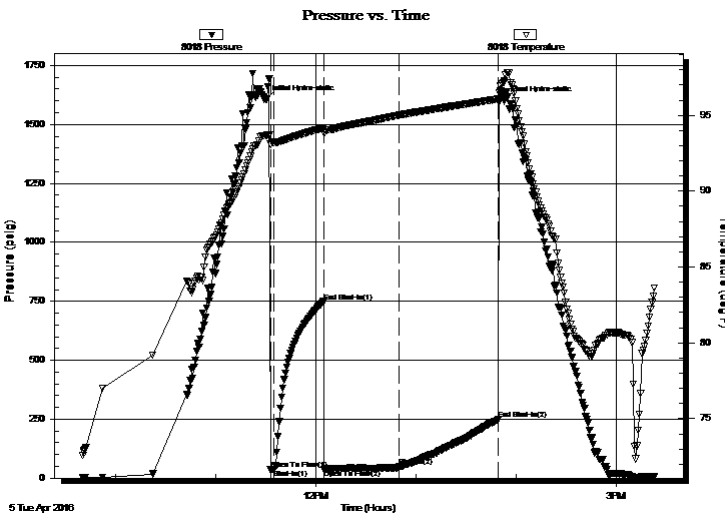
Serial #: 8018

Inside

Press@RunDepth: 48.42 psig @ 3332.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2016.04.05 End Date: 2016.04.05 Last Calib.: 2016.04.05
Start Time: 09:40:12 End Time: 15:23:21 Time On Btm: 2016.04.05 @ 11:29:37
Time Off Btm: 2016.04.05 @ 13:52:37

TEST COMMENT: 2-IFP-w k bl thru-out 3/4"bl
30-ISIP-no bl
45-FFP-no bl 1st 22min, then surface bl for 18 min, died end of 40min
60-FSIP-no bl

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1604.66	93.67	Initial Hydro-static
3	35.57	93.10	Open To Flow (1)
6	38.00	93.18	Shut-In(1)
35	749.36	94.17	End Shut-In(1)
36	38.99	93.83	Open To Flow (2)
81	48.42	95.01	Shut-In(2)
140	248.74	96.08	End Shut-In(2)
143	1599.20	97.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	SOCM 2%O98%M	0.02

* Recovery from multiple tests

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
Mud Weight: 9.00 lb/gal
Viscosity: 51.00 sec/qt
Water Loss: 7.00 in³
Resistivity: ohm.m
Salinity: 4000.00 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: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	SOCM 2% O98%M	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

