



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Hess Oil Co.
 225 N Market
 STE 300
 Wichita Ks. 67202
 ATTN: Jamie Hess

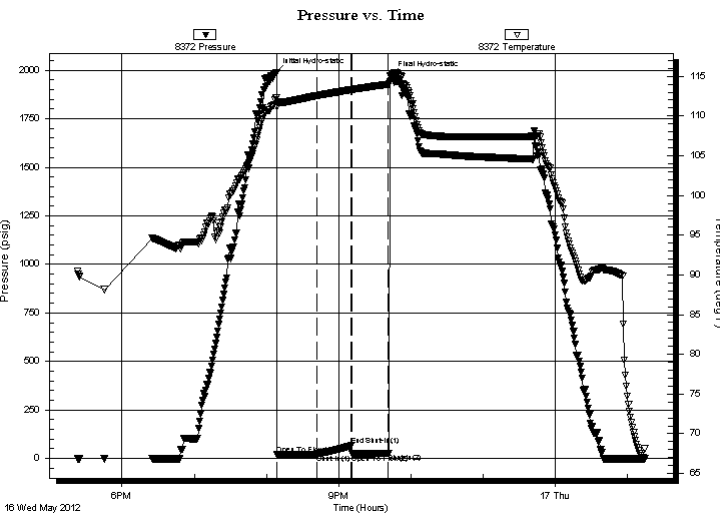
18-14s-22w Trego
Reis #1-18
 Job Ticket: 47326 **DST#: 3**
 Test Start: 2012.05.16 @ 17:23:05

GENERAL INFORMATION:

Formation: **Ft Scott/ Cherokee**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:08:50
 Time Test Ended: 01:14:29
 Interval: **4020.00 ft (KB) To 4110.00 ft (KB) (TVD)**
 Total Depth: 4110.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Andy Carreira
 Unit No: 39
 Reference Elevations: 2210.00 ft (KB)
 2205.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8372 Outside
 Press @ Run Depth: 23.10 psig @ 4027.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.05.16 End Date: 2012.05.17 Last Calib.: 2012.05.17
 Start Time: 17:23:05 End Time: 01:14:29 Time On Btm: 2012.05.16 @ 20:07:50
 Time Off Btm: 2012.05.16 @ 21:43:29

TEST COMMENT: IF:(30min) Blow died in 5 min.
 IS:(30min) No Return
 FF:(30min) No Blow . Pulled Tool.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1987.89	112.30	Initial Hydro-static
1	20.55	111.17	Open To Flow (1)
34	23.10	112.55	Shut-In(1)
63	66.12	113.30	End Shut-In(1)
63	23.80	113.29	Open To Flow (2)
94	25.49	113.99	Shut-In(2)
96	1972.36	114.82	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	SOSM	0.05

* 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	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.40 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1300.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	SOSM	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Serial #: 8372

Outside Hess Oil Co.

Reis #1-18

DST Test Number: 3

Pressure vs. Time

