



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Robert F. Hembree
 PO Box 542
 Ness City, KS 67560
 ATTN: Kurt Talbott

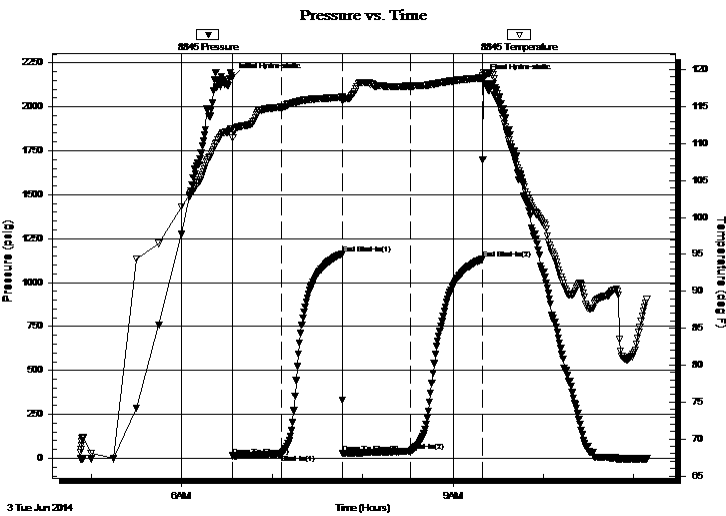
12-20s-24w Ness co.
Petersilie #5
 Job Ticket: 57330 **DST#: 2**
 Test Start: 2014.06.03 @ 04:53:00

GENERAL INFORMATION:

Formation: **Miss**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 06:34:00
 Time Test Ended: 11:08:45
 Interval: **4366.00 ft (KB) To 4425.00 ft (KB) (TVD)**
 Total Depth: 4425.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Samuel Esparza
 Unit No: 71
 Reference Elevations: 2329.00 ft (KB)
 2322.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 8845 Inside
 Press @ Run Depth: 40.55 psig @ 4367.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.06.03 End Date: 2014.06.03 Last Calib.: 2014.06.03
 Start Time: 04:53:05 End Time: 11:08:44 Time On Btm: 2014.06.03 @ 06:33:45
 Time Off Btm: 2014.06.03 @ 09:20:30

TEST COMMENT: IF: 2 1/2" Blow .
 IS: No Return.
 FF: 4" Blow .
 FS: No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2168.37	112.03	Initial Hydro-static
1	13.73	110.76	Open To Flow (1)
33	25.58	114.91	Shut-In(1)
73	1163.92	116.26	End Shut-In(1)
74	28.20	115.84	Open To Flow (2)
118	40.55	117.76	Shut-In(2)
166	1134.16	118.88	End Shut-In(2)
167	2160.63	119.60	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	OCM 20o 80m	0.84
15.00	Clean Oil 100o	0.21

* 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: 36 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.19 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 4000.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	OCM 20o 80m	0.842
15.00	Clean Oil 100o	0.210

Total Length: 75.00 ft Total Volume: 1.052 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: Oil API: 38 @ 80 degrees= 36 deg API

Pressure vs. Time

