



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Robert F Hembree
 P. O. Box 542
 Ness City KS 67560-0542
 ATTN: Wyatt Urban

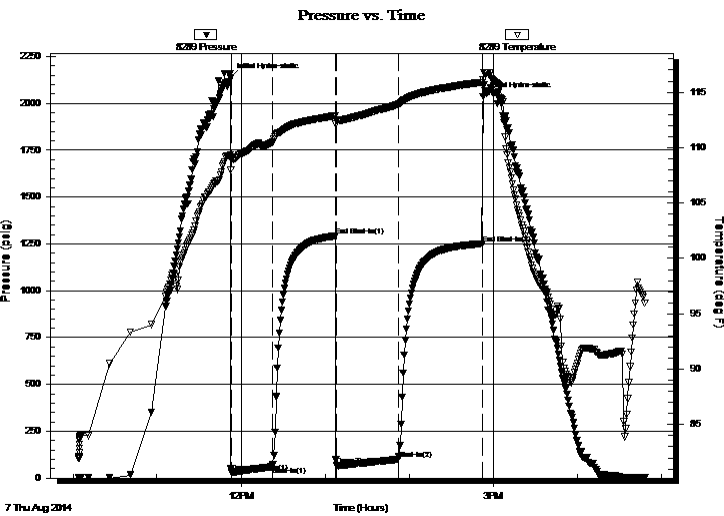
34 18s 24w Ness
Schwartzkopf A # 2
 Job Ticket: 56129 **DST#: 1**
 Test Start: 2014.08.07 @ 10:04:00

GENERAL INFORMATION:

Formation: **Miss**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:53:00
 Time Test Ended: 16:48:00
 Interval: **4288.00 ft (KB) To 4340.00 ft (KB) (TVD)**
 Total Depth: 4340.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jim Svaty
 Unit No: 76
 Reference Elevations: 2308.00 ft (KB)
 2301.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 8289 Outside
 Press @ Run Depth: 100.11 psig @ 4300.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.08.07 End Date: 2014.08.07 Last Calib.: 2014.08.07
 Start Time: 10:04:02 End Time: 16:48:15 Time On Btm: 2014.08.07 @ 11:52:30
 Time Off Btm: 2014.08.07 @ 14:52:45

TEST COMMENT: 30-IFP- Surface Blow Building to 6 3/4in.
 45-ISIP- No Blow
 45-FFP- Surface Blow Building to 9 1/2in.
 60-FSIP- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2135.07	109.36	Initial Hydro-static
1	31.20	108.92	Open To Flow (1)
30	60.54	110.46	Shut-In(1)
75	1292.78	112.88	End Shut-In(1)
76	68.06	112.51	Open To Flow (2)
120	100.11	113.89	Shut-In(2)
180	1251.29	115.90	End Shut-In(2)
181	2035.70	116.16	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
193.00	WMCO 3%w 30%m 67%o	2.71
0.00	117 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Robert F Hembree
P. O. Box 542
Ness City KS 67560-0542
ATTN: Wyatt Urban

34 18s 24w Ness
Schwartzkopf A # 2
Job Ticket: 56129 **DST#: 1**
Test Start: 2014.08.07 @ 10:04:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 32 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 46.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.97 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 3000.00 ppm		
Filter Cake: 0.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
193.00	WMCO 3%w 30%m 67%o	2.707
0.00	117 GIP	0.000

Total Length: 193.00 ft Total Volume: 2.707 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

