



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Sam Gary
1515 Whyntoop St.
Ste. 700
Denver Co.80202
ATTN: Jeff

7 10s 22w Graham Ks.
Stites #1-7
Job Ticket: 53597 **DST#: 2**
Test Start: 2014.11.18 @ 22:55:00

GENERAL INFORMATION:

Formation: **LKC-EF**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:42:30
Time Test Ended: 06:40:30
Interval: **3748.00 ft (KB) To 3808.00 ft (KB) (TVD)**
Total Depth: 3808.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Chuck Kreuzer Jr.
Unit No: 61
Reference Elevations: 2396.00 ft (KB)
2388.00 ft (CF)
KB to GR/CF: 8.00 ft

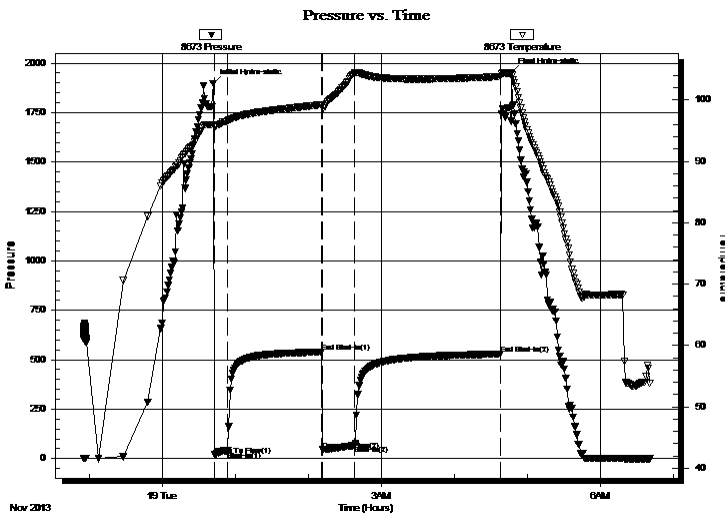
Serial #: 8673

Inside

Press @ Run Depth: 66.74 psig @ 3749.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2013.11.18 End Date: 2013.11.18 Last Calib.: 2013.11.19
Start Time: 22:55:01 End Time: 22:55:01 Time On Btm: 2013.11.19 @ 00:41:30
Time Off Btm: 2013.11.19 @ 04:47:00

TEST COMMENT: IF: Weak blow surface over 10 mins.
IS: No blow back over 75 mins.
FF: Weak surface for 10 mins. then died
FS: No blow back over 120 mins.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1896.95	96.02	Initial Hydro-static
1	18.93	95.68	Open To Flow (1)
12	39.65	96.60	Shut-In(1)
89	539.42	99.24	End Shut-In(1)
90	44.07	99.14	Open To Flow (2)
117	66.74	104.43	Shut-In(2)
236	528.45	103.83	End Shut-In(2)
246	1953.30	104.34	Final Hydro-static

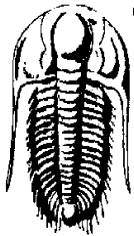
Recovery

Length (ft)	Description	Volume (bbl)
95.00	w cm-30%w 70%m	1.06
1.00	oil	0.01

* 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

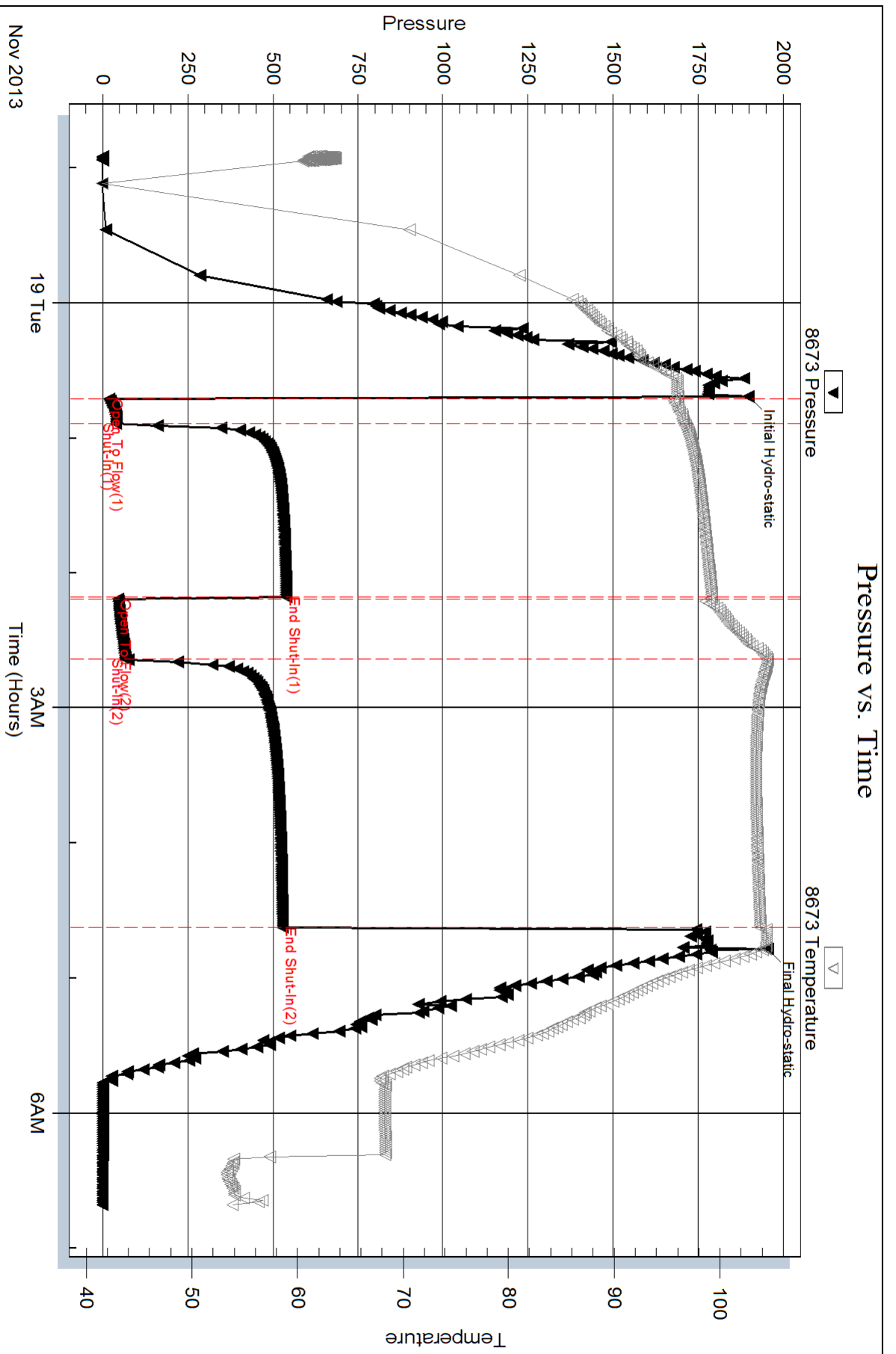
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 59.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3250.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
95.00	w cm-30%w 70%m	1.059
1.00	oil	0.014

Total Length: 96.00 ft Total Volume: 1.073 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:



Serial #: 8791

Fluid

Sam Gary

Sites #1-7

DST Test Number: 2

