



Weatherford[®] Completion Systems

DRILL STEM TEST REPORT

Carmen Schmitt, Inc
POB 47
Great Bend, KS 67530
ATTN: Vernon Schrag

S25 20s 29w Lane, KS
Church and Shaffer1
Job Ticket: 46666 **DST#: 3**
Test Start: 2012.06.18 @ 17:15:00

GENERAL INFORMATION:

Formation: **LKC 'I'**
Deviated: No Whipstock: 0.00 ft (KB)
Time Tool Opened: 20:08:10
Time Test Ended: 00:45:30
Test Type: Conventional Bottom Hole (Reset)
Tester: Chuck Smith
Unit No: 62
Interval: **4253.00 ft (KB) To 4277.00 ft (KB) (TVD)**
Reference Elevations: 2846.00 ft (KB)
Total Depth: 4277.00 ft (KB) (TVD) 2838.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

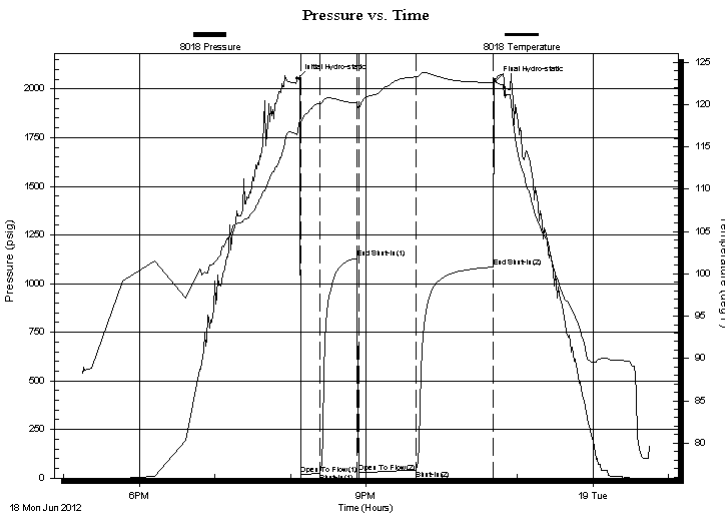
Serial #: 8018

Inside

Press@RunDepth: 41.35 psig @ 4254.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.06.18 End Date: 2012.06.19 Last Calib.: 2012.06.19
Start Time: 17:15:02 End Time: 00:45:30 Time On Btm: 2012.06.18 @ 20:05:40
Time Off Btm: 2012.06.18 @ 22:42:50

TEST COMMENT: 2" Blow.
No return.
5" Blow.
No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2053.16	116.71	Initial Hydro-static
3	18.99	117.51	Open To Flow (1)
18	25.04	120.10	Shut-In(1)
48	1131.03	120.17	End Shut-In(1)
49	27.46	119.48	Open To Flow (2)
94	41.35	123.27	Shut-In(2)
156	1085.41	122.64	End Shut-In(2)
158	2041.19	123.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	MCO 35m 65o	0.91

* Recovery from multiple tests

Gas Rates

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

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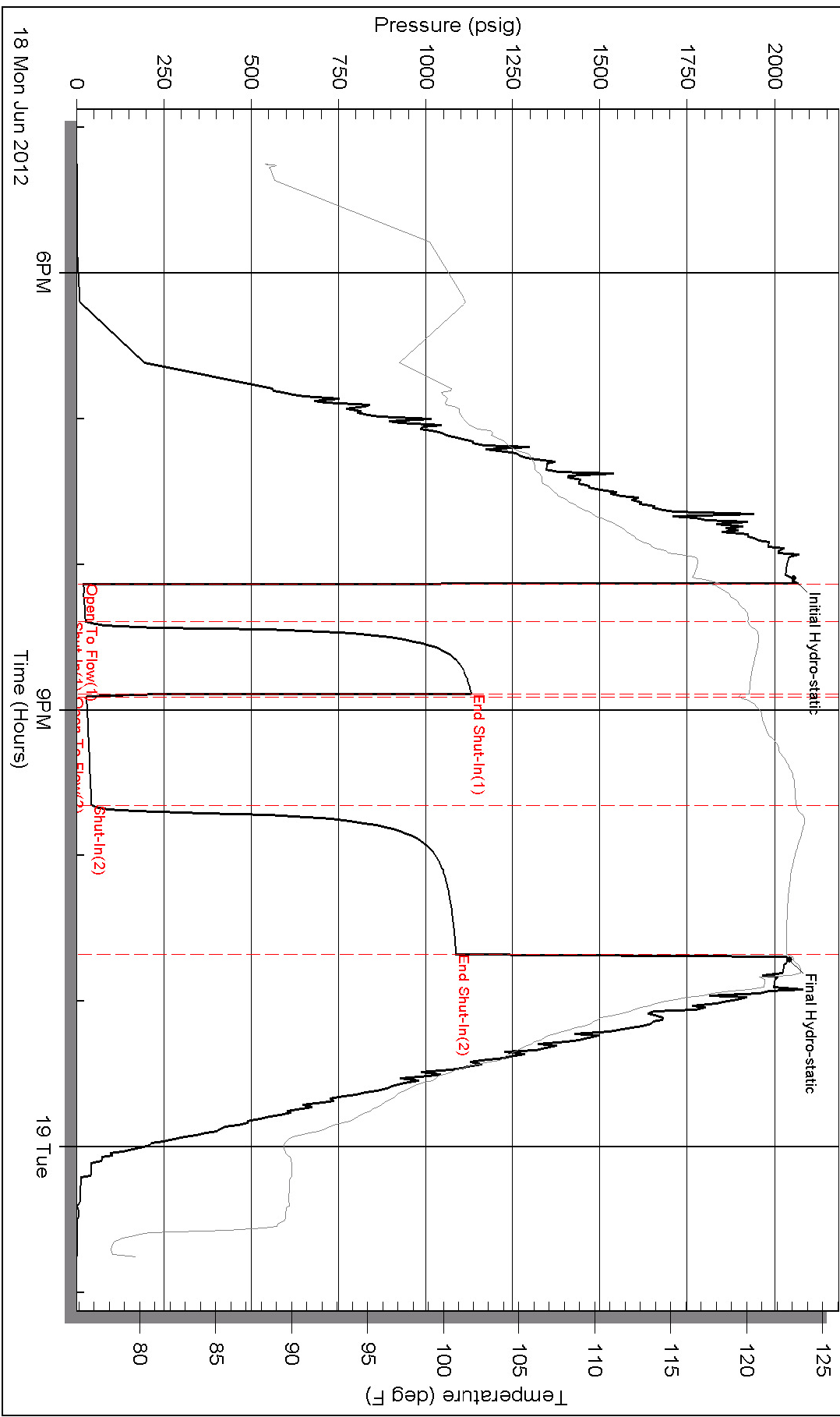
Inside

Carmen Schmitt, Inc

Church and Shaffer 1

DST Test Number: 3

Pressure vs. Time



ALPINE OIL SERVICES CORPORATION

Ref. No: 46666

Printed: 2012.06.19 @ 01:04:36