



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

SGA
1515 Wykoop
STE 700
Denver Co. 80202
ATTN: Chris Mitchel

6-2S-36W Rawlins KS

Krueger Trust #2-6

Job Ticket: 62317 **DST#: 2**
Test Start: 2015.03.30 @ 23:40:00

GENERAL INFORMATION:

Formation: **LKC " D "**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 02:41:10 Tester: Ryan Nichols
Time Test Ended: 08:42:10 Unit No: 78
Interval: 4332.00 ft (KB) To 4360.00 ft (KB) (TVD) Reference Elevations: 3332.00 ft (KB)
Total Depth: 4360.00 ft (KB) (TVD) 3327.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

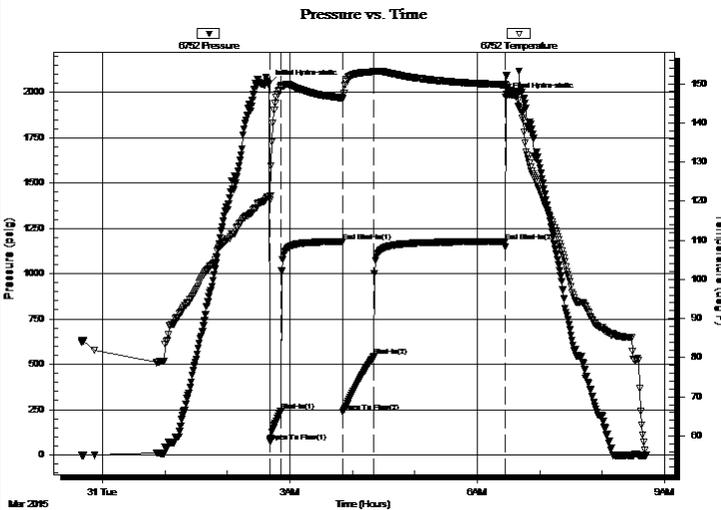
Serial #: 6752

Inside

Press@RunDepth: 542.39 psig @ 4337.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.03.30 End Date: 2015.03.31 Last Calib.: 2015.03.31
Start Time: 23:40:01 End Time: 08:42:10 Time On Btm: 2015.03.31 @ 02:40:00
Time Off Btm: 2015.03.31 @ 06:27:20

TEST COMMENT: 10 IF - 1" blow built to BoB @ 3 mins
60 ISI - Surface blow started @ 6 mins built to 1/2"
30 FF - 1/2" blow built to BoB @ 4mins
120 FSI - Surface blow started @ 11 mins died @ 73 mins

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2045.75	121.18	Initial Hydro-static
2	73.70	121.24	Open To Flow (1)
12	242.76	149.32	Shut-In(1)
71	1177.72	146.40	End Shut-In(1)
71	237.77	146.04	Open To Flow (2)
101	542.39	153.07	Shut-In(2)
227	1177.02	149.77	End Shut-In(2)
228	1972.64	149.56	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	MCW - 30%M - 70%W	0.31
753.00	MCW - 3%M - 97%W	9.44
252.00	OSMCW - Oil spots - 25%M - 75%W	3.53
126.00	OWCM - 2%o - 38%W - 60%M	1.77
45.00	OWCM - 5%o - 40%W - 55%M	0.63

* 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

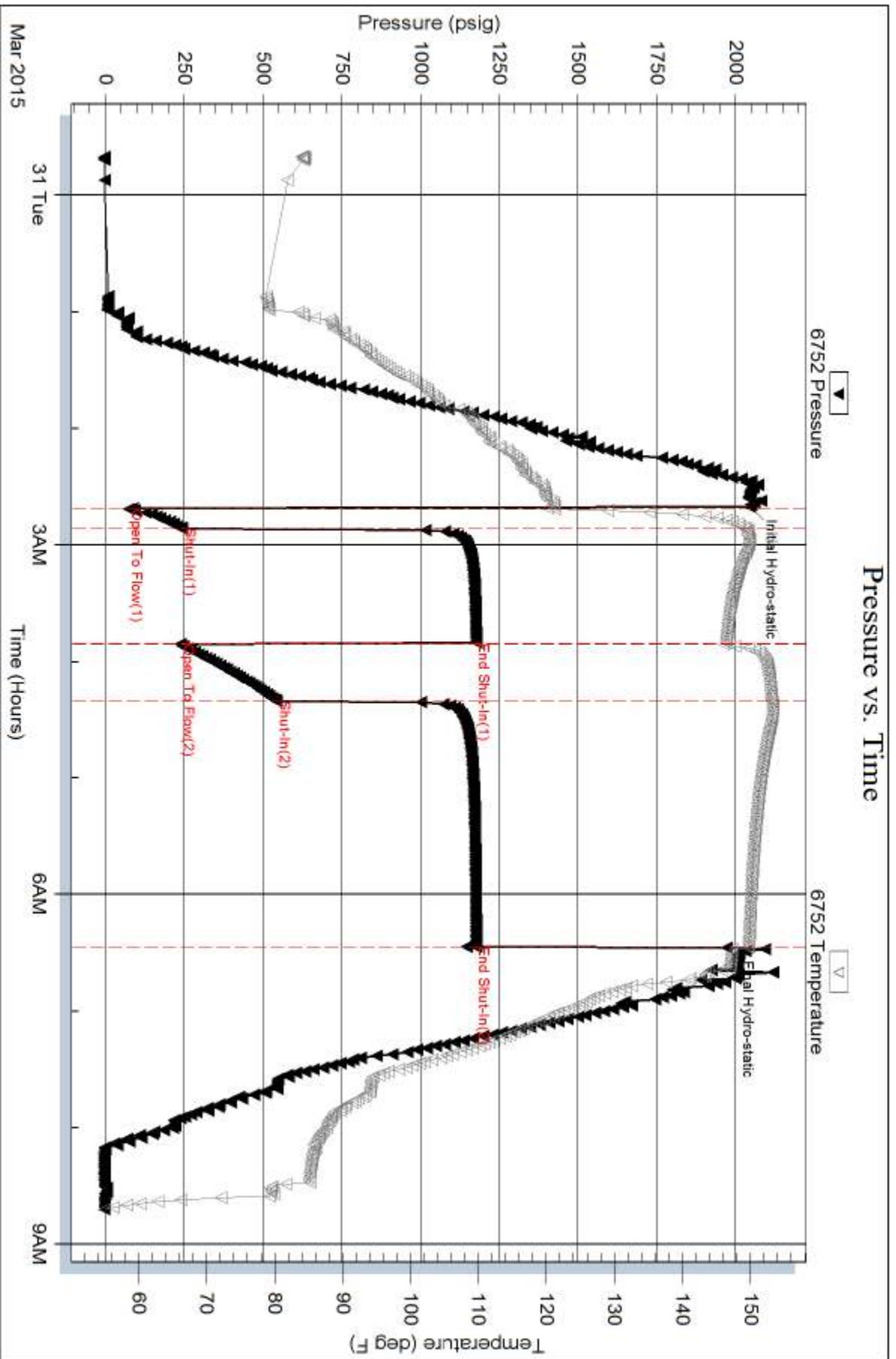
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	19000 ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.40 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 800.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
63.00	MCW - 30%M - 70%W	0.310
753.00	MCW - 3%M - 97%W	9.442
252.00	OSMCW - Oil spots - 25%M - 75%W	3.535
126.00	OWCM - 2%o - 38%W - 60%M	1.767
45.00	OWCM - 5%o - 40%W - 55%M	0.631

Total Length: 1239.00 ft Total Volume: 15.685 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: RW = .565 @ 44 DEG F



Serial #: 8017

Fluid

SGA

Krueger Trust #2-6

DST Test Number: 2

