



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Bickle Energies, LLC

2052 250th Ave
Hays, KS 67601

ATTN: Eli Felts

35-5S-37W Cheyenne, KS

Beaver Creek #35-1

Job Ticket: 65223

DST#: 2

Test Start: 2015.09.13 @ 05:08:00

GENERAL INFORMATION:

Formation: **LKC "F-G"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:18:30

Time Test Ended: 11:57:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 82

Interval: 4333.00 ft (KB) To 4368.00 ft (KB) (TVD)

Total Depth: 4368.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3385.00 ft (KB)

3372.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 8653 Outside

Press@RunDepth: 132.36 psig @ 4334.00 ft (KB)

Start Date: 2015.09.13

End Date:

2015.09.13

Capacity: 8000.00 psig

Last Calib.: 2015.09.13

Start Time: 05:08:00

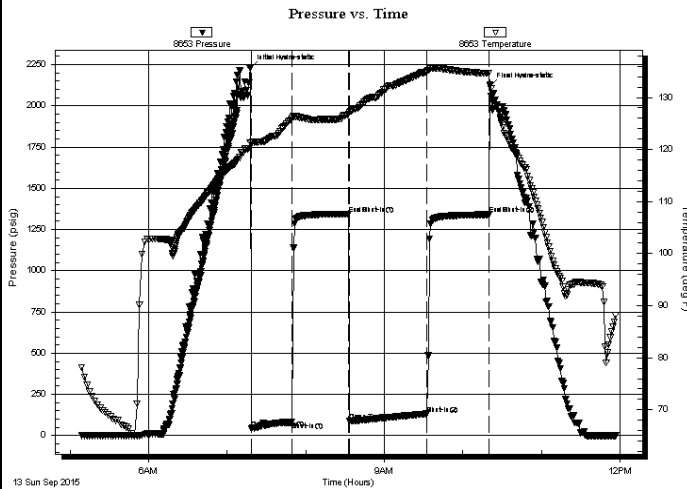
End Time:

11:57:00

Time On Btm: 2015.09.13 @ 07:17:30

Time Off Btm: 2015.09.13 @ 10:20:30

TEST COMMENT: 30 - IF- 1/4" Blow built to 5 1/2"
45 - ISI- No Return
60 - FF- Surface Blow started at 2 min. Built to 7 1/4"
45 - FSI- No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2228.44	121.38	Initial Hydro-static
1	42.50	121.35	Open To Flow(1)
32	85.04	126.01	Shut-In(1)
75	1345.17	126.78	End Shut-In(1)
76	87.52	127.23	Open To Flow(2)
135	132.36	134.94	Shut-In(2)
182	1340.67	134.64	End Shut-In(2)
183	2120.01	132.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	OSMW 30M 70W (oil spots)	0.30
60.00	OSMW 40M 60W (oil spots)	0.30
63.00	OSWM 70M 30W (oil spots)	0.87
63.00	OSMW 50M 50W (oil spots)	0.88
5.00	OCWM 5o 60M 35W	0.07

Gas Rates

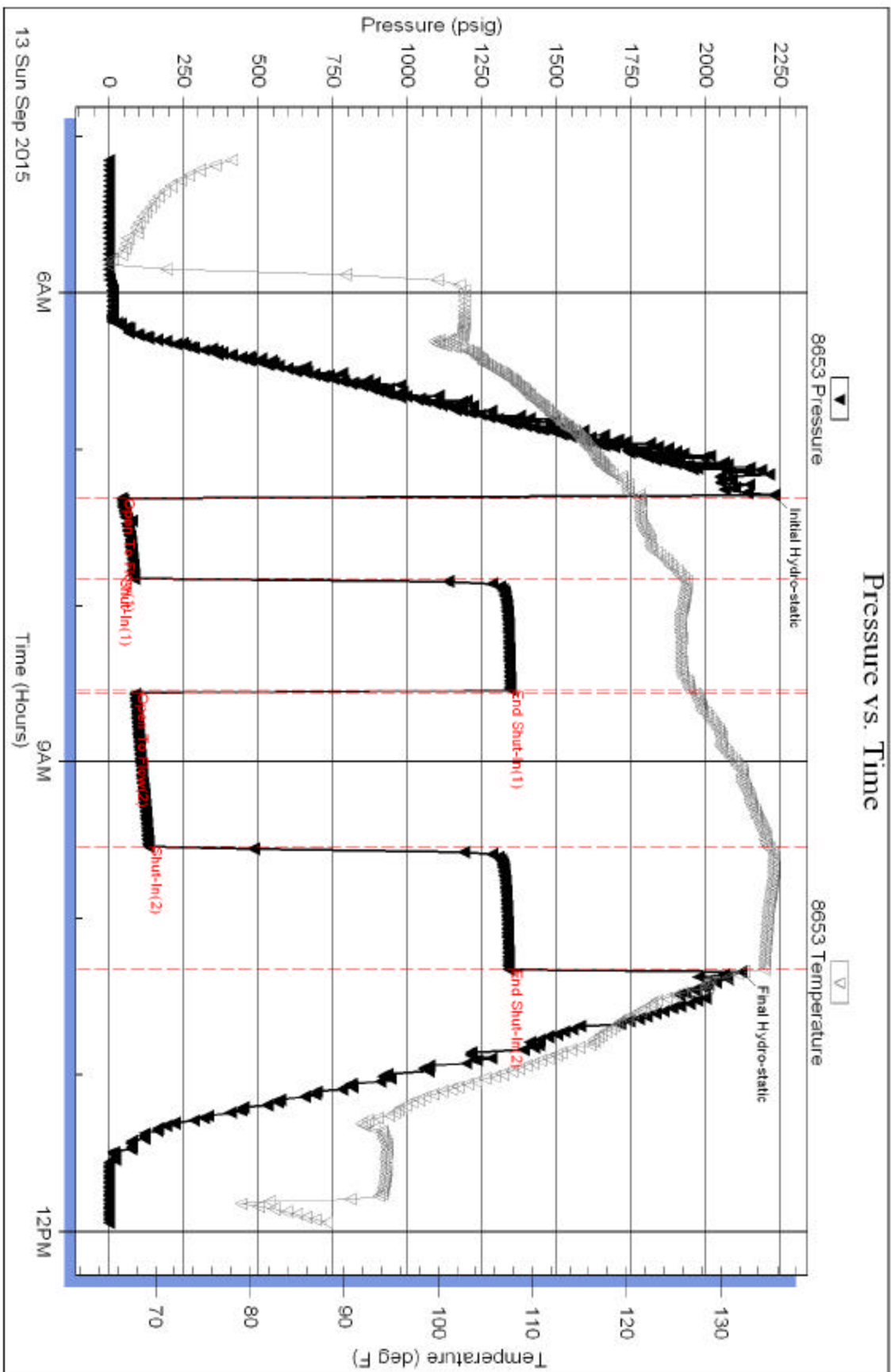
Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Serial #: 8653

Outside Bickle Energies, LLC

Beaver Creek #35-1

DGT Test Number: 2



Tribble Testing, Inc

Ref. No: 65223

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