



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Pickrell Drilling Co. Inc

100 S Main STE 505
Wichita KS. 67202

ATTN: Jerry Smith

15-15s-26w Gove Co. KS

#1 Miller " L "

Job Ticket: 45896

DST#: 1

Test Start: 2012.06.07 @ 17:52:05

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:11:00

Time Test Ended: 01:03:59

Test Type: Conventional Bottom Hole (Initial)

Tester: Will MacLean

Unit No: 40

Interval: 4235.00 ft (KB) To 4307.00 ft (KB) (TVD)

Total Depth: 4307.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2409.00 ft (KB)

2402.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8652 Inside

Press@RunDepth: 49.11 psig @ 4236.00 ft (KB)

Start Date: 2012.06.07

End Date:

2012.06.08

Start Time: 17:52:05

End Time:

01:03:59

Capacity: 8000.00 psig

Last Calib.: 2012.06.08

Time On Btm: 2012.06.07 @ 20:06:45

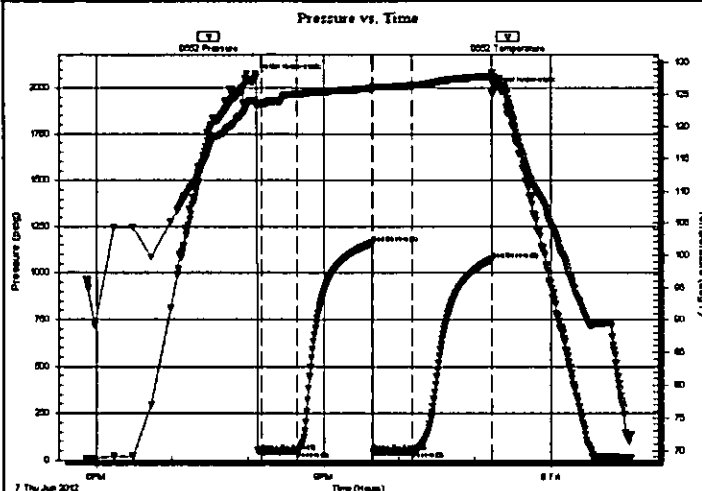
Time Off Btm: 2012.06.07 @ 23:13:59

TEST COMMENT: IF- Weak Surface Blow Built to 1"

IS- No Blow

FF- Weak Surface Blow

FS- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2055.70	123.36	Initial Hydro-static
5	47.35	123.59	Open To Flow (1)
33	50.00	125.10	Shut-In(1)
92	1158.33	126.01	End Shut-In(1)
93	45.73	126.15	Open To Flow (2)
124	49.11	126.43	Shut-In(2)
187	1070.98	127.88	End Shut-In(2)
188	1986.28	128.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
28.00	GOCM 4%g 7%oil 89%rn	0.39
2.00	GO 6%g 94%oil	0.03

Gas Rates

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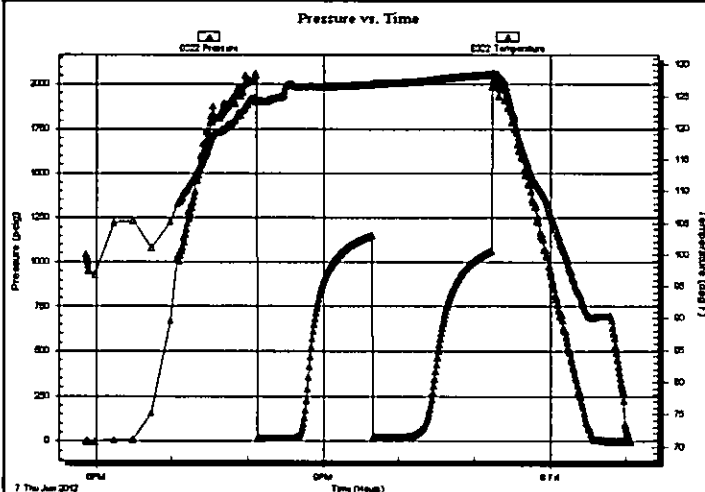


ATTN: Jerry Smith

KB to GR/CF: 7.00 ft

Time Off Struck

FSL- No Blow



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Length (ft)	Description	Volume (bbl)
28.00	GOCM 4%g 7%oil 89%rn	0.39
2.00	GO 6%g 94%oil	0.03

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

FLUID SUMMARY

Pickrell Drilling Co. Inc

15-15s-26w Gove Co. KS

100 S Main STE 505
Wichita KS. 67202

#1 Miller " L "

Job Ticket: 45896

DST#: 1

ATTN: Jerry Smith

Test Start: 2012.06.07 @ 17:52:05

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: 75.00 sec/qt

Cushion Volume:

bbl

Water Loss: 13.16 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2100.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
28.00	GOCM 4%g 7%oil 89%m	0.393
2.00	GO 6%g 94%oil	0.028

Total Length: 30.00 ft

Total Volume: 0.421 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

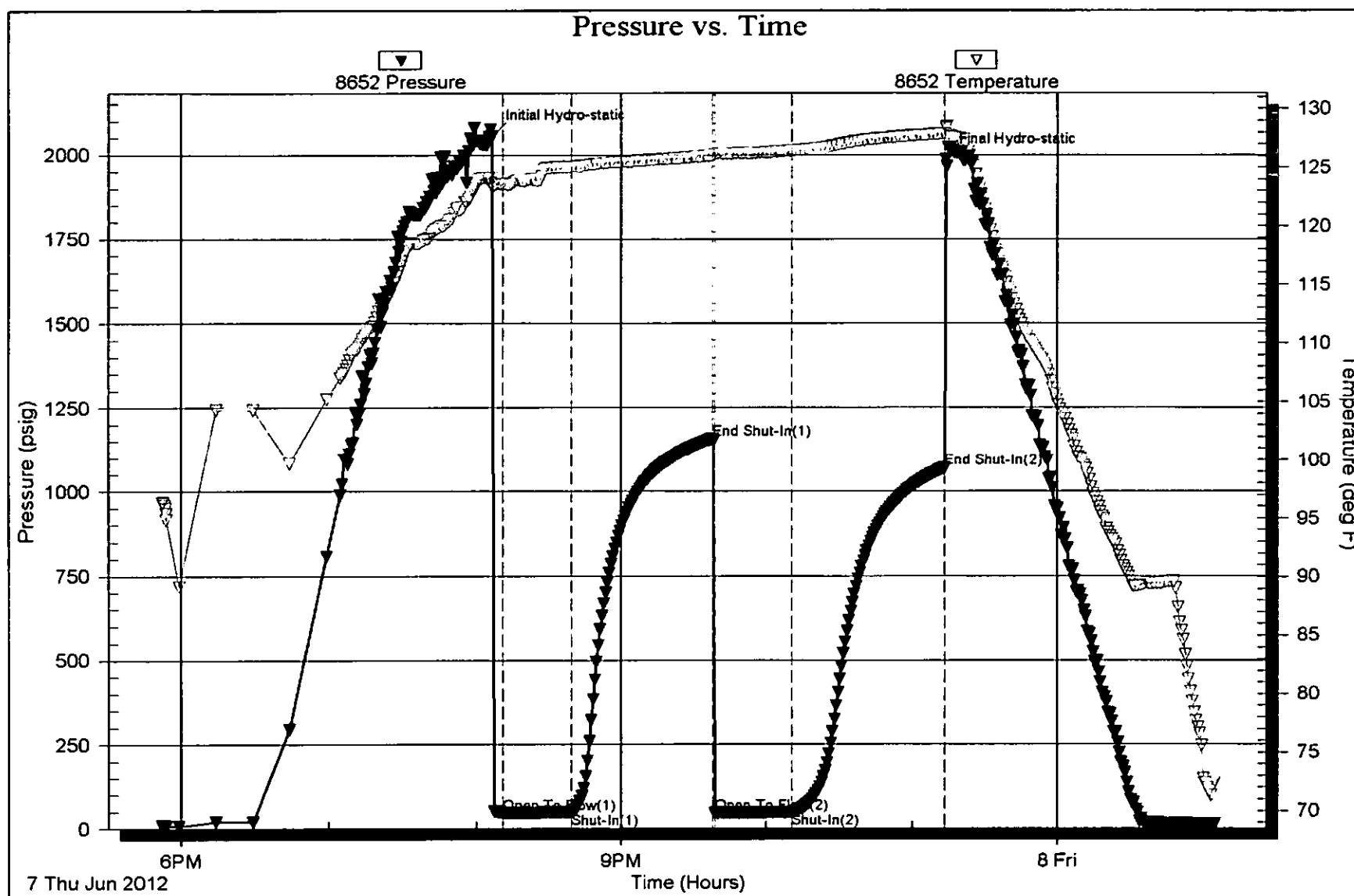
Recovery Comments: Not enough oil to get API

Serial #: 8652

Inside Pickrel Drilling Co. Inc

#1 Miller "L"

DST Test Number: 1



Serial #: 8322

Outside Pickrell Drilling Co. Inc

#1 Miller "L"

DST Test Number: 1

