



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Culbreath Oil&Gas Oil Co Inc

3-12s-32w Logan

3501 S. Yale Ave
Tulsa Ok 74135--8014

Boyd 3-3

Job Ticket: 63056

DST#: 1

ATTN: Keven Howard, Larry

Test Start: 2016.07.28 @ 19:50:09

GENERAL INFORMATION:

Formation: **LKC "E"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:44:49

Time Test Ended: 03:08:33

Test Type: Conventional Bottom Hole (Initial)

Tester: Ray Schwager

Unit No: 77

Interval: 4143.00 ft (KB) To 4157.00 ft (KB) (TVD)

Reference Elevations: 3059.00 ft (KB)

Total Depth: 4157.00 ft (KB) (TVD)

3049.00 ft (CF)

Hole Diameter: 7.85 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

Serial #: 8018

Inside

Press@RunDepth: 24.51 psig @ 4144.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.07.28

End Date:

2016.07.29

Last Calib.:

2016.07.29

Start Time: 19:50:09

End Time:

03:08:33

Time On Btm:

2016.07.28 @ 21:42:49

Time Off Btm:

2016.07.29 @ 01:19:18

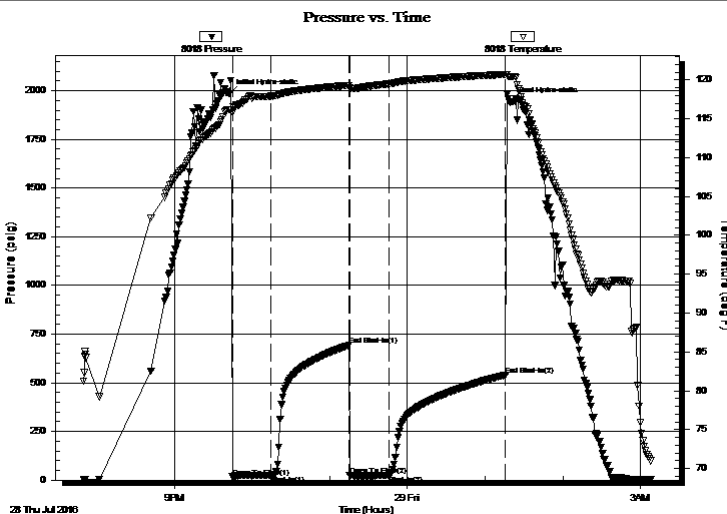
TEST COMMENT: 30-IFP-w k bl thru-out 1"to 1/2"bl

60-ISIP-no bl

30-FFP-no bl

90-FSIP-no bl

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1985.60	116.17	Initial Hydro-static
2	17.11	115.83	Open To Flow (1)
32	24.88	117.91	Shut-In(1)
93	692.90	119.31	End Shut-In(1)
93	25.28	118.95	Open To Flow (2)
124	24.51	119.52	Shut-In(2)
213	537.56	120.71	End Shut-In(2)
217	1942.62	120.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	SOCM 1%O99%M	0.07

Gas Rates

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

Serial #: 8018

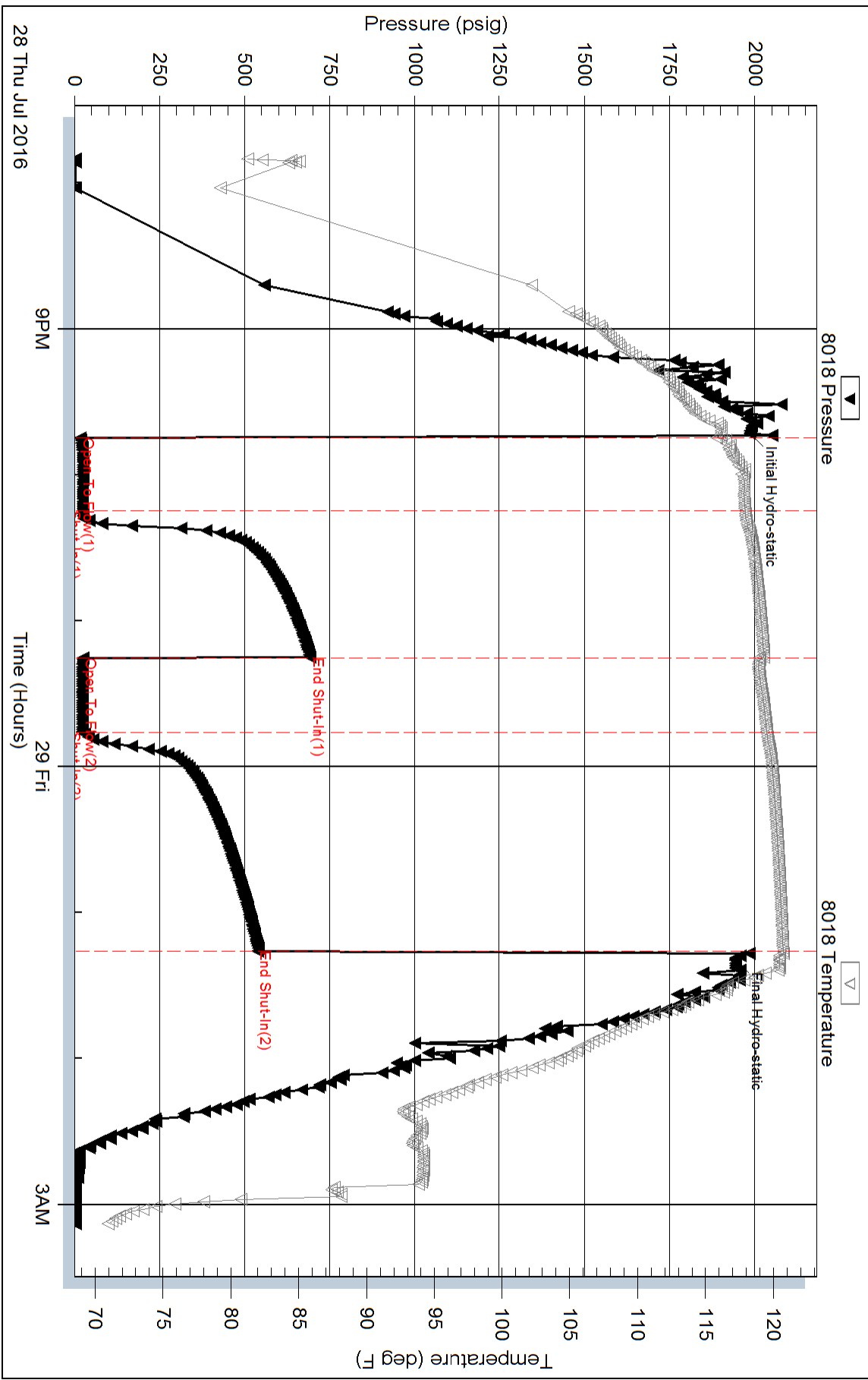
Inside

Culbreath Oil&Gas Oil Co Inc

Boyd 3-3

DST Test Number: 1

Pressure vs. Time



Serial #: 8700

Outside Culbreath Oil&Gas Oil Co Inc

Boyd 3-3

DST Test Number: 1

