



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Becker Oil Corporation
 Po Box 1150
 Ponca City OK, 74602
 ATTN: Clyde Becker

36-23s-22w Hodgeman KS
Winter Land Cattle 1
 Job Ticket: 55372 **DST#: 2**
 Test Start: 2013.12.19 @ 12:29:00

GENERAL INFORMATION:

Formation: **Mar-Cherokee**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:30:30
 Time Test Ended: 20:35:30
 Interval: **4460.00 ft (KB) To 4520.00 ft (KB) (TVD)**
 Total Depth: 4520.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Cody Bloedorn
 Unit No: 73
 Reference Elevations: 2304.00 ft (KB)
 2294.00 ft (CF)
 KB to GR/CF: 10.00 ft

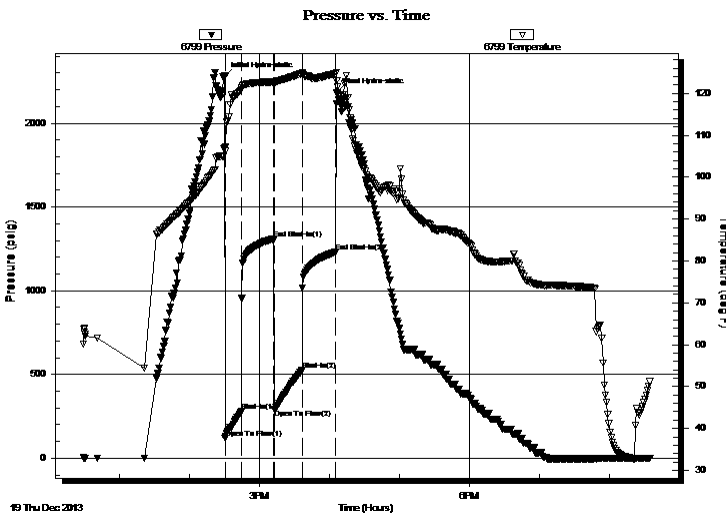
Serial #: 6799

Inside

Press @ Run Depth: 525.53 psig @ 4496.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.12.19 End Date: 2013.12.19 Last Calib.: 2013.12.19
 Start Time: 12:29:05 End Time: 20:35:29 Time On Btm: 2013.12.19 @ 14:30:15
 Time Off Btm: 2013.12.19 @ 16:06:15

TEST COMMENT: 15 - IF- B.O.B. in 1 minute
 25 - IS- B.O.B. in 1 minute
 FF- B.O.B. in 1 minute
 FS- G.T.S. at bled off

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2278.43	106.98	Initial Hydro-static
1	120.61	106.14	Open To Flow (1)
14	277.87	120.86	Shut-In(1)
42	1307.34	122.67	End Shut-In(1)
43	292.15	122.21	Open To Flow (2)
67	525.53	124.77	Shut-In(2)
95	1230.61	124.61	End Shut-In(2)
96	2185.31	123.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
186.00	GO, 40%O, 60%G	1.52
310.00	G.I.P.	4.35
496.00	GO, 30%O, 70%G	6.96
186.00	GOCM, 20%O, 40%G, 40%M	2.61

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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36-23s-22w Hodgeman KS

Po Box 1150
Ponca City OK, 74602

Winter Land Cattle 1

Job Ticket: 55372

DST#: 2

ATTN: Clyde Becker

Test Start: 2013.12.19 @ 12:29:00

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: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
186.00	GO, 40%O, 60%G	1.516
310.00	G.I.P.	4.348
496.00	GO, 30%O, 70%G	6.958
186.00	GOCM, 20%O, 40%G, 40%M	2.609

Total Length: 1178.00 ft Total Volume: 15.431 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gas to surface on bleed off of last shut in.

THE 310' of G.I.P. was after the oil unloaded, we had 3 stands with just gas in it.

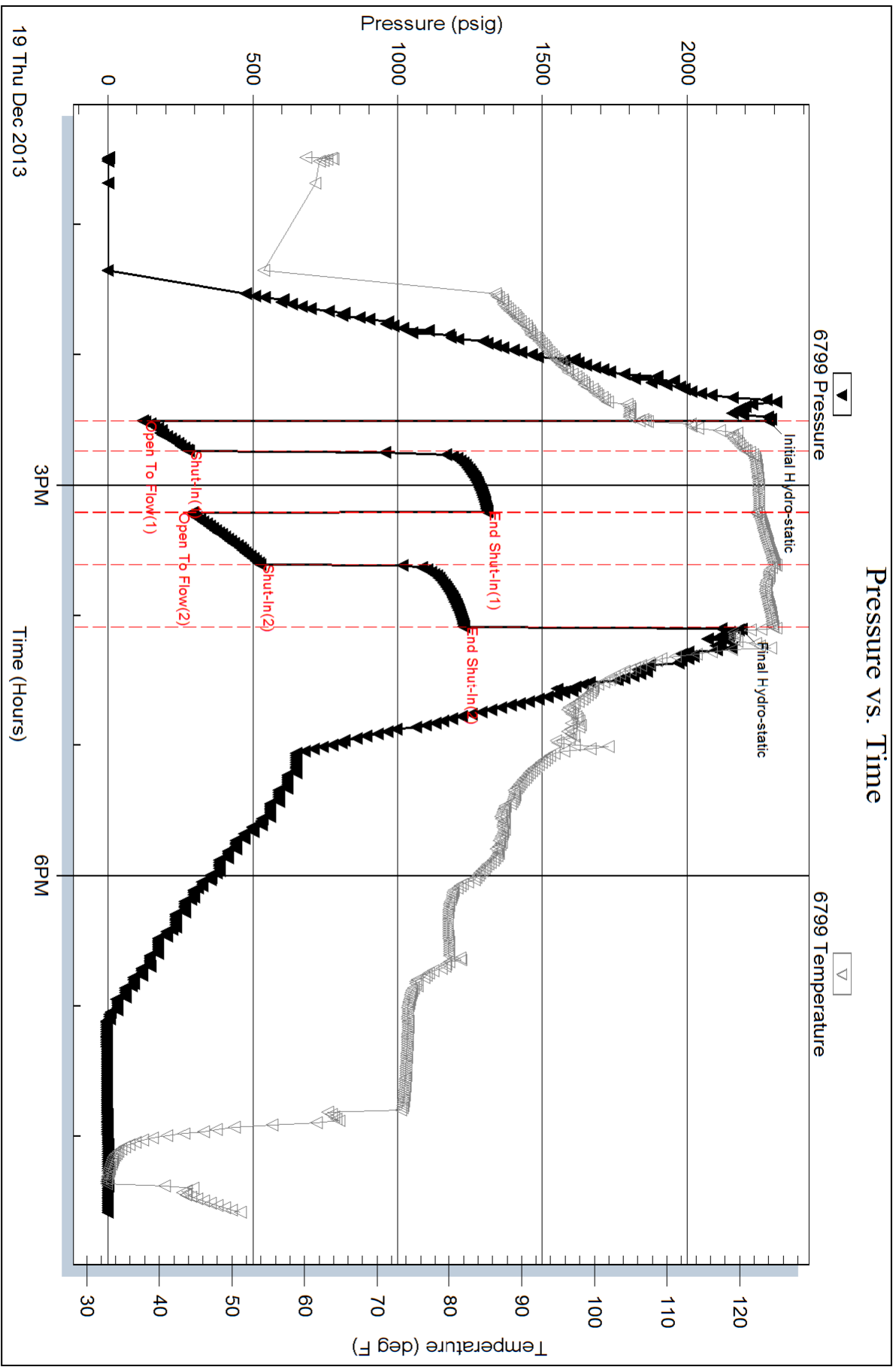
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Inside

Becker Oil Corporation

Winter Land Cattle 1

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 55372

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