



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Slawson Exploration Comp, Inc
 204 North Robinson Ave.
 Ste. 2300
 Oklahoma OK
 ATTN: Jeremy Schwartz

31-8s-33w Thomas Co KS

Epard 1-31

Job Ticket: 64244

DST#: 1

Test Start: 2017.11.15 @ 14:51:15

GENERAL INFORMATION:

Formation: **H-J**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 16:29:00
 Time Test Ended: 21:56:00
 Interval: **4300.00 ft (KB) To 4378.00 ft (KB) (TVD)**
 Total Depth: 4378.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Mike Roberts
 Unit No: 81
 Reference Elevations: 3220.00 ft (KB)
 3215.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8672

Inside

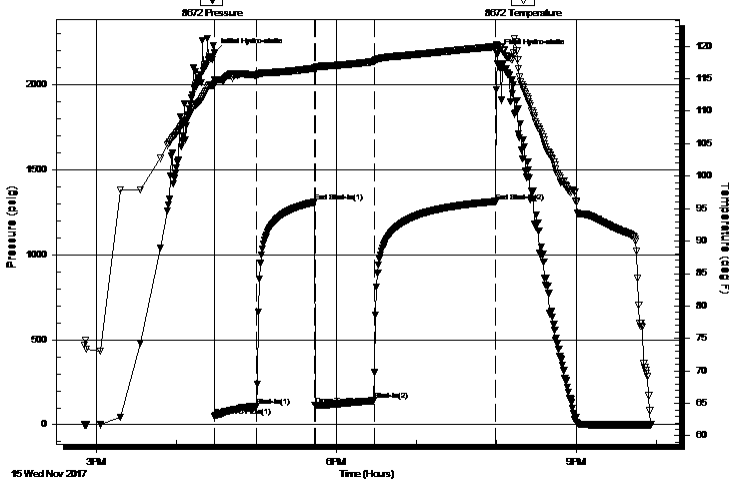
Press@RunDepth: 142.26 psig @ 4373.00 ft (KB)
 Start Date: 2017.11.15 End Date: 2017.11.15
 Start Time: 14:51:15 End Time: 21:56:00
 Capacity: 8000.00 psig
 Last Calib.: 2017.11.15
 Time On Btm: 2017.11.15 @ 16:28:45
 Time Off Btm: 2017.11.15 @ 20:00:30

TEST COMMENT: IF: Built to 4 1/2" blow
 IS: No return blow
 FF: Built to 4 1/2" blow
 FS: No return blow

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2186.89	114.81	Initial Hydro-static
1	52.17	114.20	Open To Flow (1)
32	109.60	115.52	Shut-In(1)
75	1309.54	116.60	End Shut-In(1)
76	115.42	116.22	Open To Flow (2)
120	142.26	117.63	Shut-In(2)
211	1314.06	119.94	End Shut-In(2)
212	2181.39	120.03	Final Hydro-static

Pressure vs. Time



Recovery

Length (ft)	Description	Volume (bbl)
119.00	mcw 10% m 90% w (collars)	0.59
82.00	mcw 50% m 50% w	1.15

Gas Rates

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



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Epard 1-31

Job Ticket: 64244

DST#: 1

Test Start: 2017.11.15 @ 14:51:15

GENERAL INFORMATION:

Formation: **H-J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:29:00

Time Test Ended: 21:56:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Mike Roberts

Unit No: 81

Interval: 4300.00 ft (KB) To 4378.00 ft (KB) (TVD)

Reference Elevations: 3220.00 ft (KB)

Total Depth: 4378.00 ft (KB) (TVD)

3215.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8374 Outside

Press@RunDepth: psig @ 4373.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.11.15

End Date: 2017.11.15

Last Calib.: 2017.11.15

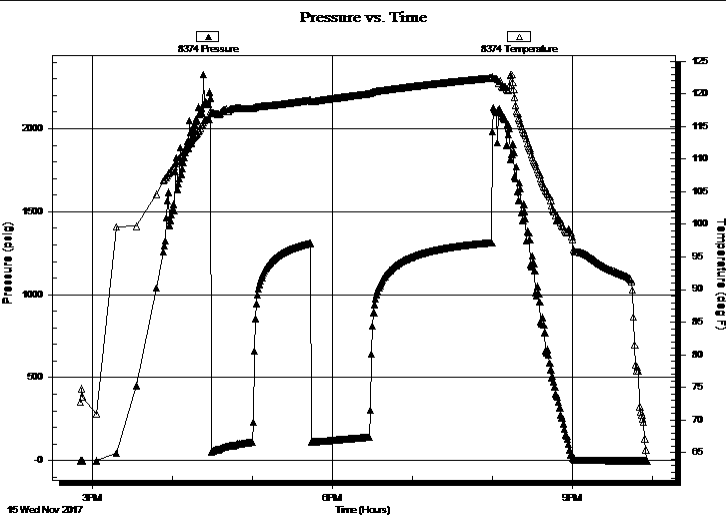
Start Time: 14:51:15

End Time: 21:56:00

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Built to 4 1/2" blow
IS: No return blow
FF: Built to 4 1/2" blow
FS: No return blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
119.00	mcw 10% m 90% w (collars)	0.59
82.00	mcw 50% m 50% w	1.15

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Slaw son Exploration Comp, Inc

31-8s-33w Thomas Co KS

204 North Robinson Ave.
Ste. 2300
Oklahoma OK
ATTN: Jeremy Schwartz

Epard 1-31

Job Ticket: 64244

DST#: 1

Test Start: 2017.11.15 @ 14:51:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

25000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
119.00	mcw 10%m 90% w (collars)	0.585
82.00	mcw 50%m 50%w	1.150

Total Length: 201.00 ft Total Volume: 1.735 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

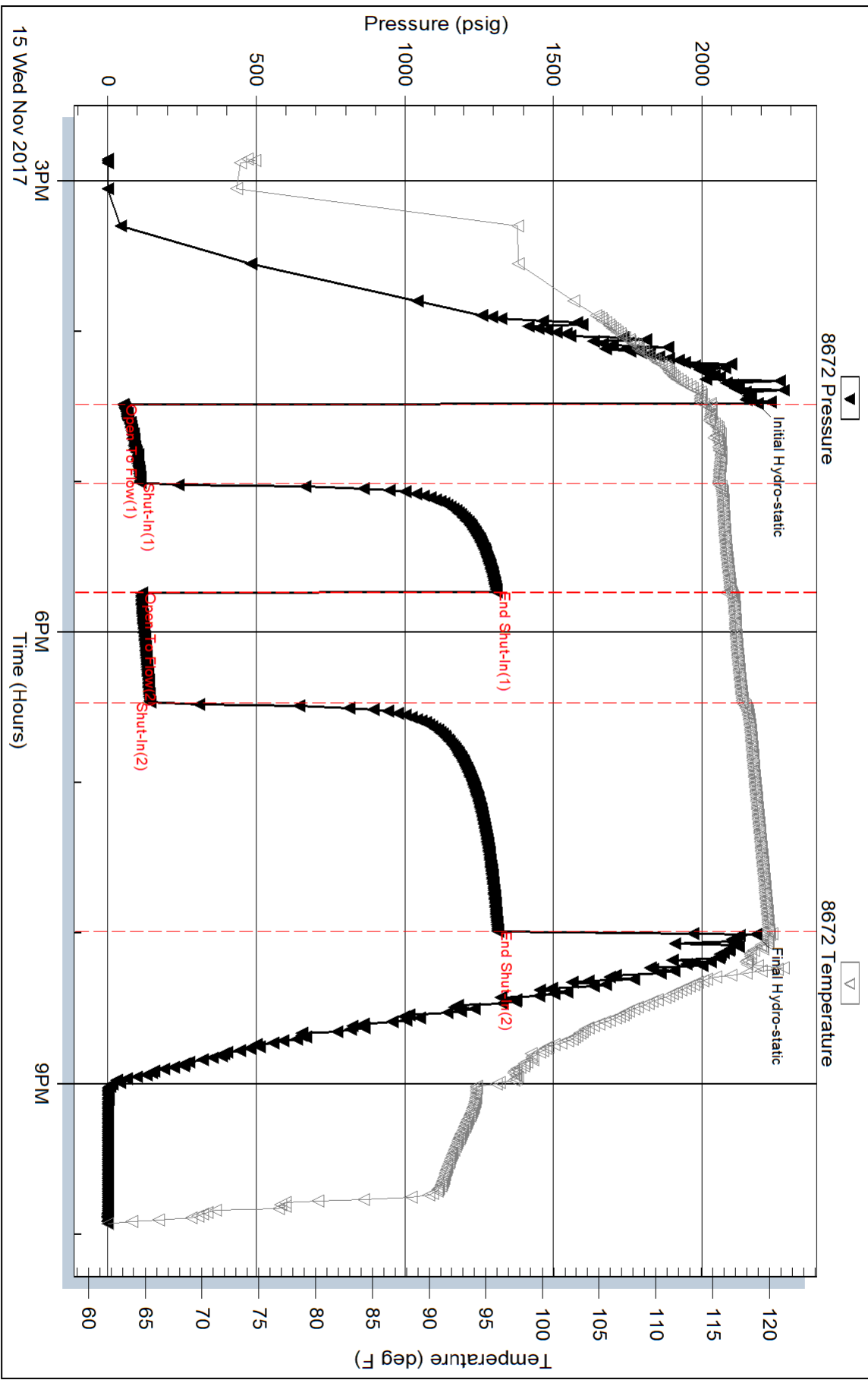
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW= .539@40.7*= 25,000 ppm

Pressure vs. Time



Serial #: 8374

Outside Slaw son Exploration Comp, Inc

Epard 1-31

DST Test Number: 1

