



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Palomino Petroleum Inc.

4-30-39 Stanton,KS

4924 SE 84th
New ton Ks 67114

#1 Milton

Job Ticket: 64565

DST#: 1

ATTN: Andy White

Test Start: 2016.01.27 @ 05:45:15

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:07:15

Time Test Ended: 12:08:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Mike Roberts

Unit No: 75

Interval: 4870.00 ft (KB) To 5050.00 ft (KB) (TVD)

Reference Elevations: 3202.00 ft (KB)

Total Depth: 5050.00 ft (KB) (TVD)

3197.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8737 Outside

Press@RunDepth: 142.47 psig @ 4876.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.01.27 End Date: 2016.01.27

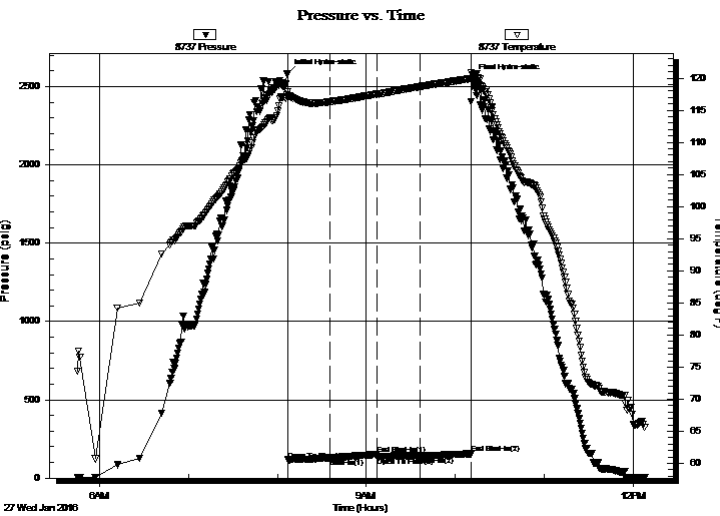
Last Calib.: 2016.01.27

Start Time: 05:45:15 End Time: 12:08:00

Time On Btm: 2016.01.27 @ 08:07:00

Time Off Btm: 2016.01.27 @ 10:11:30

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



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2583.79	117.92	Initial Hydro-static
1	116.34	116.95	Open To Flow (1)
29	129.18	116.32	Shut-In(1)
61	151.88	117.52	End Shut-In(1)
61	136.20	117.52	Open To Flow (2)
90	142.47	118.69	Shut-In(2)
124	155.53	119.92	End Shut-In(2)
125	2548.59	120.49	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	mud 100%m	0.34

Gas Rates

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



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Job Ticket: 64565

DST#: 1

ATTN: Andy White

Test Start: 2016.01.27 @ 05:45:15

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:

0 ppm

Viscosity: 80.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2060.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	mud 100%m	0.344

Total Length: 70.00 ft Total Volume: 0.344 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

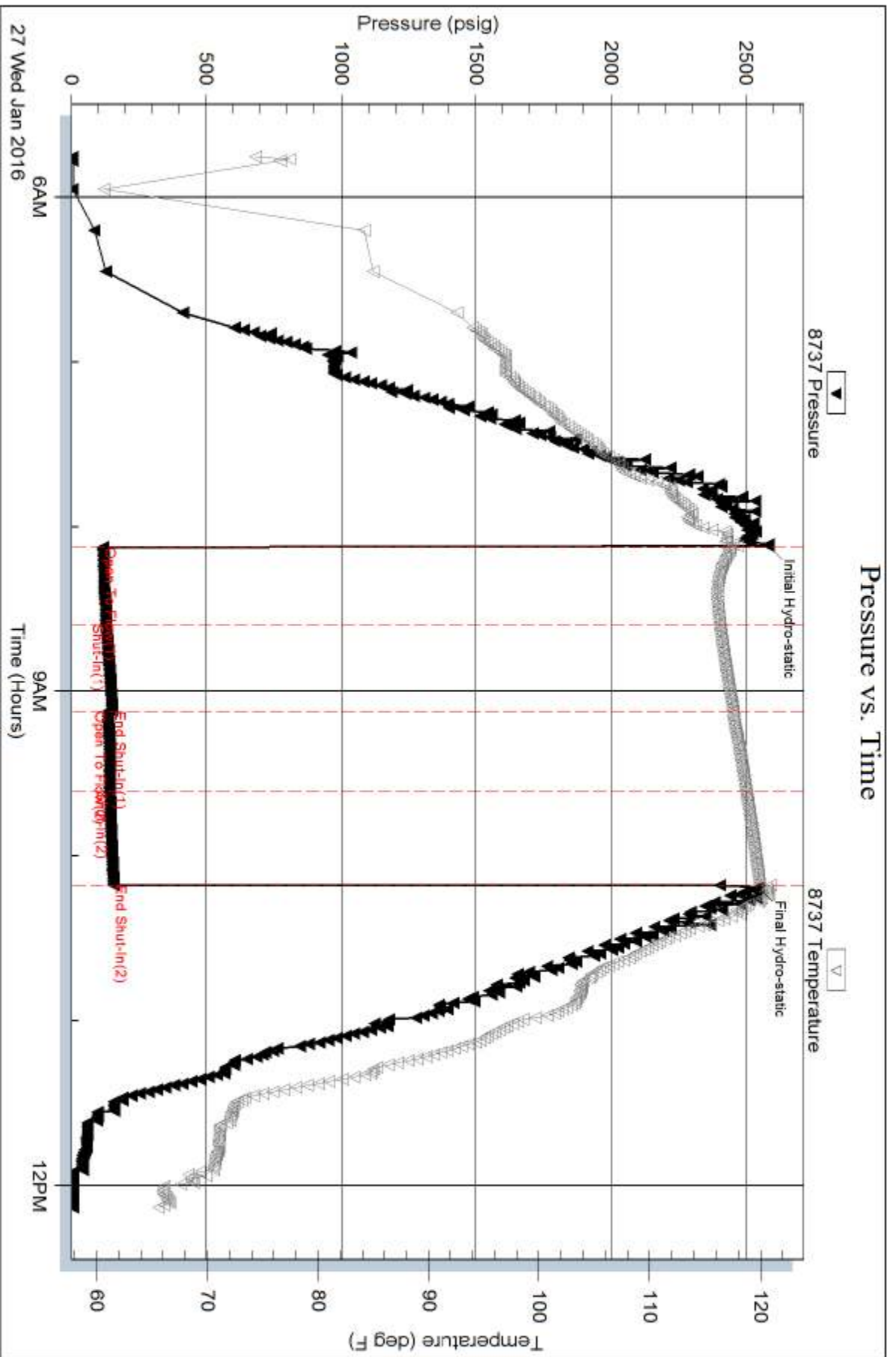
Recovery Comments:

Serial #: 8737

Outside Palomino Petroleum Inc.

#1 Milton

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 64565

Printed: 2016.01.27 @ 14:04:33



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DRILL STEM TEST REPORT

Palomino Petroleum Inc.
 4924 SE 84th New ton Ks
 67114
 ATTN: Andy White

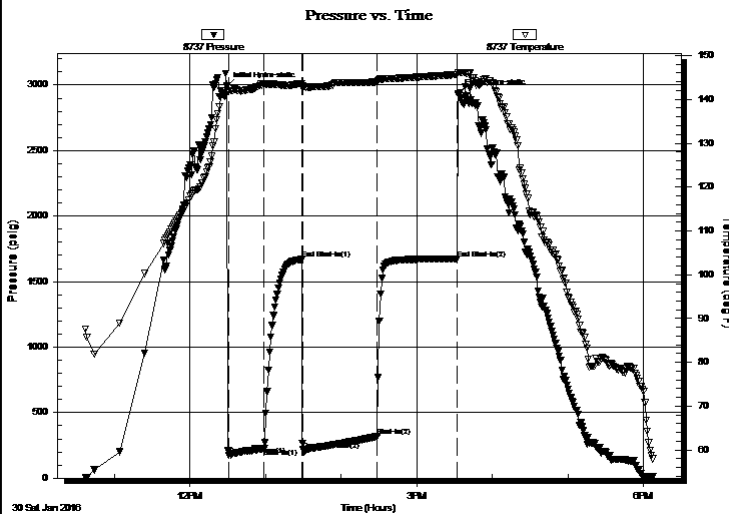
4-30-39 Stanton Co KS
#1 Milton
 Job Ticket: 64566 **DST#: 2**
 Test Start: 2016.01.30 @ 10:37:15

GENERAL INFORMATION:

Formation: **Miss**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:31:00
 Time Test Ended: 18:08:00
 Interval: **5585.00 ft (KB) To 5850.00 ft (KB) (TVD)**
 Total Depth: 5850.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Mike Roberts
 Unit No: 75
 Reference Elevations: 3202.00 ft (KB)
 3197.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8737 Outside
 Press@RunDepth: 318.11 psig @ 5588.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2016.01.30 End Date: 2016.01.30 Last Calib.: 2016.01.30
 Start Time: 10:37:15 End Time: 18:08:00 Time On Btm: 2016.01.30 @ 12:29:30
 Time Off Btm: 2016.01.30 @ 15:33:00

TEST COMMENT: IF:BOB in 1 min.
 IS:No return blow
 FF:BOB instantly
 FS:No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2989.89	141.53	Initial Hydro-static
2	176.14	141.96	Open To Flow (1)
30	226.65	143.42	Shut-In(1)
60	1670.04	143.61	End Shut-In(1)
61	215.45	143.03	Open To Flow (2)
120	318.11	144.01	Shut-In(2)
183	1674.84	145.65	End Shut-In(2)
184	2934.90	146.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	GIP= 930 strong gas	0.00
0.00	GIP= 2418 weak gas	0.00
287.00	gcm 2%g 98%m	2.95

* Recovery from multiple tests

Gas Rates

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



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67114

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Job Ticket: 64566

DST#: 2

ATTN: Andy White

Test Start: 2016.01.30 @ 10:37:15

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:

0 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.37 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
0.00	GIP= 930 strong gas	0.000
0.00	GIP= 2418 weak gas	0.000
287.00	gcm 2%g 98%m	2.951

Total Length: 287.00 ft Total Volume: 2.951 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

