



DRILL STEM TEST REPORT

Prepared For: **Questa Energy Corporation**

PO Box 50968
Amarillo TX, 79159-0968

ATTN: Justin Carter

Renner 1-22

22-9s-32w Thomas Co. KS

Start Date: 2012.11.04 @ 06:00:00

End Date: 2012.11.04 @ 14:53:00

Job Ticket #: 48917 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.11.04 @ 23:03:52



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Questa Energy Corporation

22-9s-32w Thomas Co. KS

PO Box 50968
Amarillo TX, 79159-0968

Renner 1-22

Job Ticket: 48917

DST#: 1

ATTN: Justin Carter

Test Start: 2012.11.04 @ 06:00:00

GENERAL INFORMATION:

Formation: **Kansas City " I & J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:54:30

Time Test Ended: 14:53:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Jace McKinney

Unit No: 46

Interval: 4244.00 ft (KB) To 4290.00 ft (KB) (TVD)

Reference Elevations: 3082.00 ft (KB)

Total Depth: 4290.00 ft (KB) (TVD)

3073.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 8675

Inside

Press @ Run Depth: 119.18 psig @ 4245.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.11.04

End Date:

2012.11.04

Last Calib.:

2012.11.04

Start Time: 06:00:15

End Time:

14:53:00

Time On Btm:

2012.11.04 @ 08:54:00

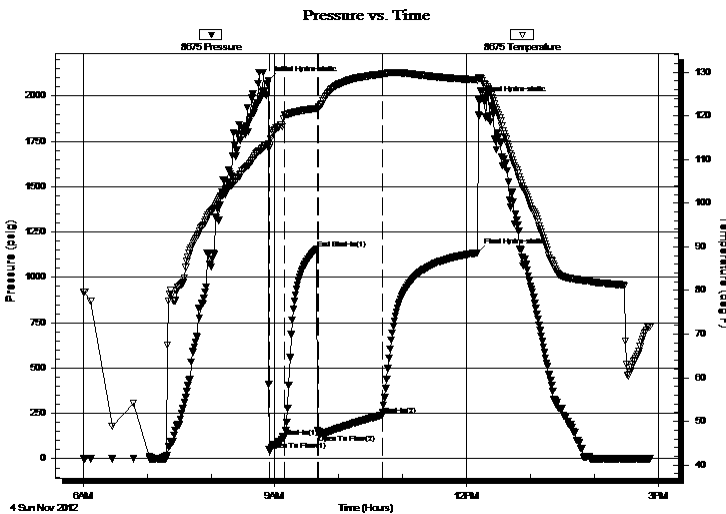
Time Off Btm:

2012.11.04 @ 12:10:30

TEST COMMENT:

B.O.B. in 6 1/2" min.
Bled off for 5 min. Weak surface return blow
B.O.B. in 6 min.
Bled off for 5 min. Built to 7" return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2083.95	113.47	Initial Hydro-static
1	49.76	112.77	Open To Flow (1)
16	119.18	120.25	Shut-In(1)
46	1157.73	121.71	End Shut-In(1)
47	137.52	121.65	Open To Flow (2)
107	240.02	129.55	Shut-In(2)
197	1135.79	128.23	Final Hydro-static
198	1976.61	128.49	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
226.00	100% Clean Oil	3.17
189.00	mcgo 20%M 30%G 50%O	2.65
185.00	mcgo 10%M 30%G 60%O	2.60

Gas Rates

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



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ATTN: Justin Carter

Job Ticket: 48917

DST#: 1

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Formation: **Kansas City " I & J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:54:30

Time Test Ended: 14:53:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Jace McKinney

Unit No: 46

Interval: **4244.00 ft (KB) To 4290.00 ft (KB) (TVD)**

Total Depth: 4290.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3082.00 ft (KB)

3073.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8650 Outside

Press @ Run Depth: psig @ 4245.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.11.04 End Date: 2012.11.04

Last Calib.: 2012.11.04

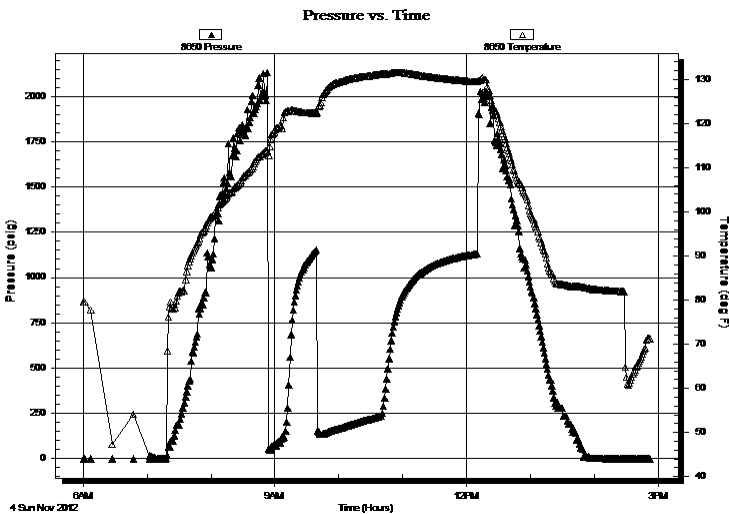
Start Time: 06:00:15 End Time: 14:53:00

Time On Btm:

Time Off Btm:

TEST COMMENT: B.O.B. in 6 1/2" min.
Bled off for 5 min. Weak surface return blow
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PRESSURE SUMMARY



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

Recovery

Gas Rates

Length (ft)	Description	Volume (bbl)
226.00	100% Clean Oil	3.17
189.00	mcgo 20%M 30%G 50%O	2.65
185.00	mcgo 10%M 30%G 60%O	2.60

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



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FLUID SUMMARY

Questa Energy Corporation

22-9s-32w Thomas Co. KS

PO Box 50968
Amarillo TX, 79159-0968

Renner 1-22

Job Ticket: 48917

DST#: 1

ATTN: Justin Carter

Test Start: 2012.11.04 @ 06:00:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

37 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
226.00	100% Clean Oil	3.170
189.00	mcgo 20%M 30%G 50%O	2.651
185.00	mcgo 10%M 30%G 60%O	2.595

Total Length: 600.00 ft Total Volume: 8.416 bbl

Num Fluid Samples: 0

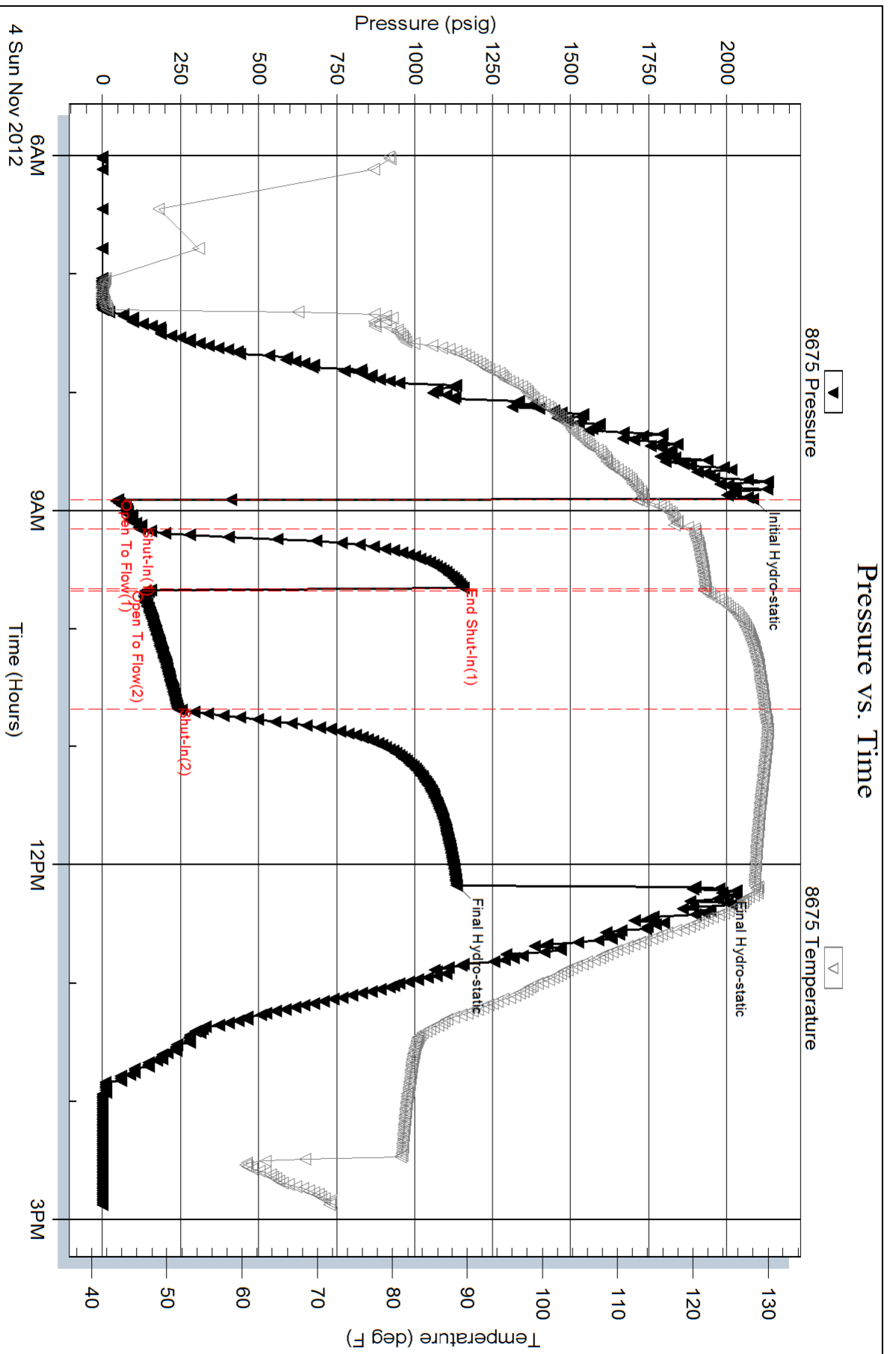
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API: 37 @ 60 F = 37



Serial #: 8650

Outside Questa Energy Corporation

Renner 1-22

DST Test Number: 1

