

**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior, Inc.

Witthuhn Heirs #2-25

P.O. Box 399
Garden City, KS 67846

25/18S/22W/ Ness

Job Ticket: 45217

DST#: 1

ATTN: Jason Alm

Test Start: 2011.07.25 @ 08:05:15

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: **No Whipstock:** ft (KB)

Time Tool Opened: 10:16:15

Time Test Ended: 15:41:45

Test Type: **Conventional Bottom Hole**

Tester: **Dustin Rash**

Unit No: **38**

Interval: **4233.00 ft (KB) To 4240.00 ft (KB) (TVD)**

Total Depth: **4240.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2152.00 ft (KB)**

2146.00 ft (CF)

KB to GR/CF: **6.00 ft**

Serial #: **8354** **Inside**

Press@RunDepth: **156.08 psig @ 4235.00 ft (KB)**

Start Date: **2011.07.25**

End Date:

2011.07.25

Start Time: **08:15:15**

End Time:

15:41:45

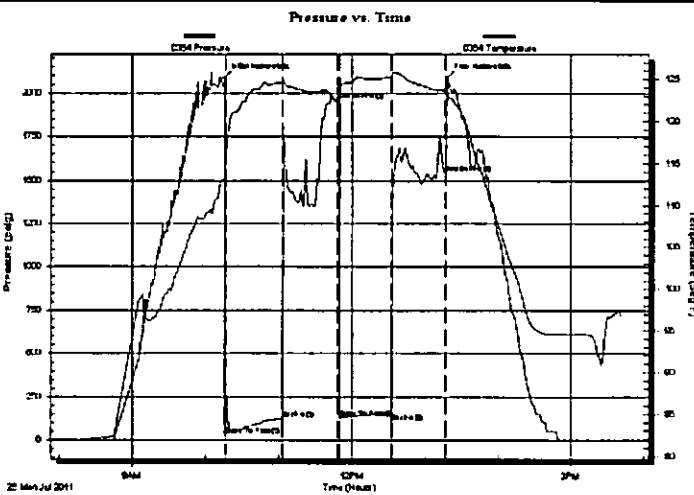
Capacity: **8000.00 psig**

Last Calib.: **2011.07.25**

Time On Btm: **2011.07.25 @ 10:15:45**

Time Off Btm: **2011.07.25 @ 13:17:45**

TEST COMMENT: IF-Weak building blow . Built to 8 inches.
ISI-No Return.
FF-Weak building blow . Built to 3 inches.
FSI-No Return.



PRESSURE SUMMARY

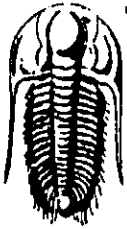
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2089.72	113.73	Initial Hydro-static
1	29.67	113.98	Open To Flow (1)
48	125.46	124.66	Shut-In(1)
93	1957.32	122.40	End Shut-In(1)
94	129.81	123.19	Open To Flow (2)
137	156.08	125.25	Shut-In(2)
181	1541.16	123.56	End Shut-In(2)
182	2093.40	123.12	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
160.00	50%Water/30%Mud/10%Oil/10%Gas	1.14
120.00	30%Mud/30%Water/30%Oil/10%Gas	1.68
55.00	50%Oil/30%Gas/15%Water/5%Mud	0.77

Gas Rates

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



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FLUID SUMMARY

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Witthuhn Heirs #2-25

P.O. Box 399
Garden City, KS 67846

25/18S/22W/ Ness

Job Ticket: 45217

DST#: 1

ATTN: Jason Alm

Test Start: 2011.07.25 @ 08:05:15

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:

29000 ppm

Viscosity: 42.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: 0.19 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6600.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
160.00	50% Water/30% Mud/10% Oil/10% Gas	1.142
120.00	30% Mud/30% Water/30% Oil/10% Gas	1.683
55.00	50% Oil/30% Gas/15% Water/5% Mud	0.772

Total Length: 335.00 ft

Total Volume: 3.597 bbl

Num Fluid Samples: 0

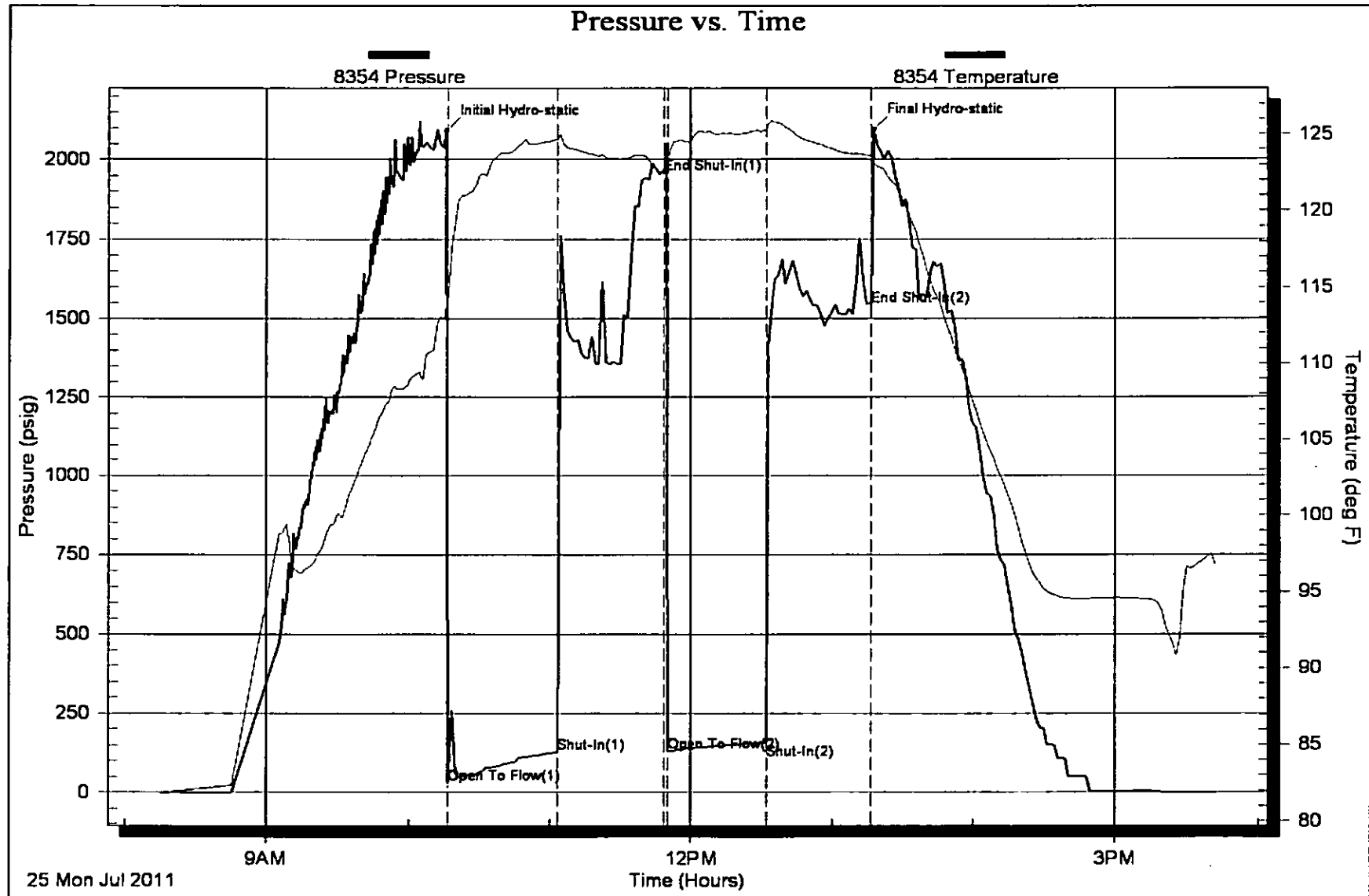
Num Gas Bombs: 0

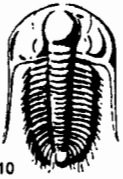
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

JUL 26 2011

Test Ticket

NO. 45217 16074

Well Name & No. Wirthuhn, Heins #225 Test No. 1 Date 7-25-11
 Company American-Wauson, Inc. Elevation 2152 KB 2146 GL
 Address P.O. Box 399 Garden City, KS 67846
 Co. Rep / Geo. Jason Alm Rig Perromark 1
 Location: Sec. 25 Twp. 18S Rge. 22W Co. Ness State KS

Interval Tested 4233-4240 Zone Tested Mississippian
 Anchor Length 7' Drill Pipe Run 4108 Mud Wt. 9.1
 Top Packer Depth 4228 Drill Collars Run 121 Vis 42
 Bottom Packer Depth 4233 Wt. Pipe Run 0 WL 9.6
 Total Depth 4240 Chlorides 6600 ppm System LCM 0*

Blow Description IF- Weak building blow. Burt to 8 inches,
FSI- No Return.
FF- Weak building blow. Burt to 3 inches,
FSE- No Return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>55</u>	<u>016/W/M</u>	<u>30</u>	<u>50</u>	<u>15</u>	<u>5</u>
<u>120</u>	<u>M/W/O/G</u>	<u>10</u>	<u>30</u>	<u>30</u>	<u>30</u>
<u>180</u>	<u>W/M/O/G</u>	<u>10</u>	<u>70</u>	<u>50</u>	<u>30</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 335 BHT 124 Gravity 1.225 API RW 189 @ 85 ° F Chlorides 29,000 ppm
 (A) Initial Hydrostatic 2090 Test 1225 T-On Location 0530
 (B) First Initial Flow 30 Jars 250 T-Started 0815
 (C) First Final Flow 125 Safety Joint 75 T-Open 1015
 (D) Initial Shut-In 1957 Circ Sub _____ T-Pulled 1315
 (E) Second Initial Flow 130 Hourly Standby _____ T-Out 1545
 (F) Second Final Flow 156 Mileage 52 X 2 104 RT 145.60 Comments Bart-0805
 (G) Final Shut-In 1541 Sampler _____ Strid 6-8 feet,
 (H) Final Hydrostatic 2093 Straddle _____ Packer Set 12' High.
 Ruined Shale Packer _____
 Ruined Packer _____

Initial Open 45 Extra Packer _____ Extra Copies _____
 Initial Shut-In 45 Extra Recorder _____ Sub Total 8
 Final Flow 45 Day Standby _____ Total 1695.60
 Final Shut-In 45 Accessibility _____ MP/DST Disc't _____
 Sub Total 1695.60

Approved By _____ Our Representative [Signature]

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