



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City KS 67846

ATTN: Kurt Talbott

Mike #1-12

12 18s 10w Rice,KS

Start Date: 2013.09.04 @ 14:18:00

End Date: 2013.09.04 @ 20:47:00

Job Ticket #: 50466 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.09.06 @ 08:57:33



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc
 PO Box 399
 Garden City KS 67846
 ATTN: Kurt Talbott

12 18s 10w Rice, KS
Mike #1-12
 Job Ticket: 50466 **DST#: 1**
 Test Start: 2013.09.04 @ 14:18:00

GENERAL INFORMATION:

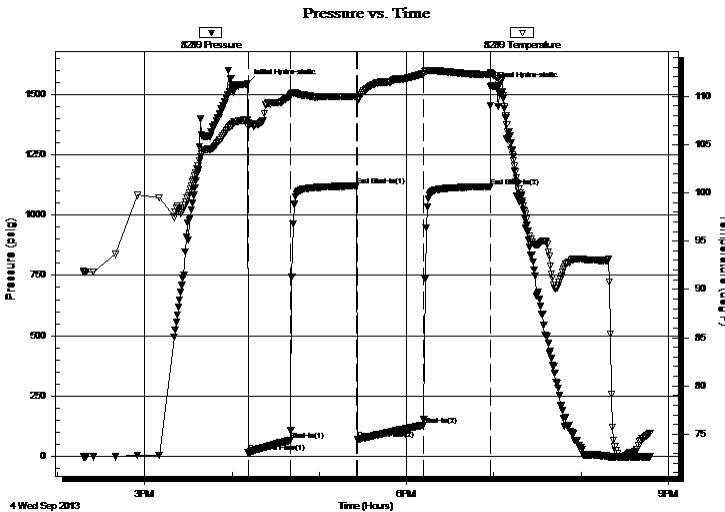
Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 16:11:00
 Time Test Ended: 20:47:00
 Interval: **3181.00 ft (KB) To 3233.00 ft (KB) (TVD)**
 Total Depth: 3233.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jim Svaty
 Unit No: 54
 Reference Elevations: 1743.00 ft (KB)
 1735.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8289 Outside

Press @ Run Depth: 130.05 psig @ 3197.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.09.04 End Date: 2013.09.04 Last Calib.: 2013.09.04
 Start Time: 14:18:02 End Time: 20:47:15 Time On Btm: 2013.09.04 @ 16:10:45
 Time Off Btm: 2013.09.04 @ 18:58:00

TEST COMMENT: 30-IFP- BOB in 24 min.
 45-ISIP- No Blow
 45-FFP- BOB in 32 min.
 45-FSIP- No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1543.92	107.55	Initial Hydro-static
1	15.48	106.85	Open To Flow (1)
30	67.39	110.06	Shut-In(1)
75	1120.66	109.98	End Shut-In(1)
76	69.58	109.70	Open To Flow (2)
121	130.05	112.32	Shut-In(2)
167	1118.28	112.24	End Shut-In(2)
168	1531.91	112.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
248.00	WCM 30%w 70% m Show of Oil	3.48
3.00	CO 100%	0.04

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior Inc
 PO Box 399
 Garden City KS 67846
 ATTN: Kurt Talbott

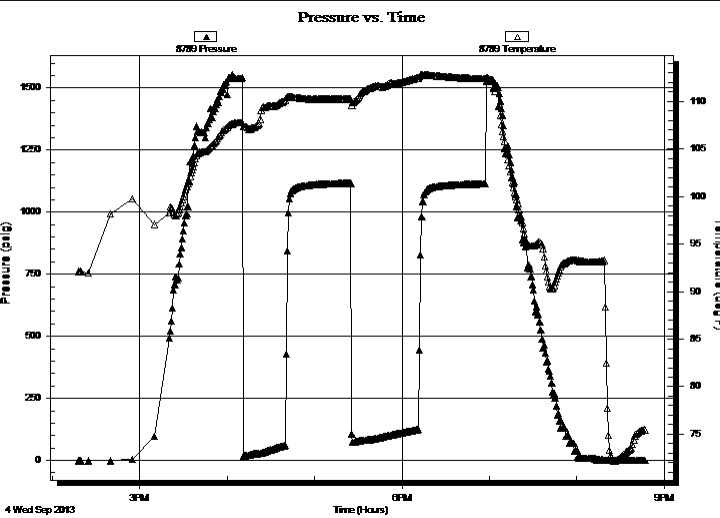
12 18s 10w Rice, KS
Mike #1-12
 Job Ticket: 50466 **DST#: 1**
 Test Start: 2013.09.04 @ 14:18:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 16:11:00 Tester: Jim Svaty
 Time Test Ended: 20:47:00 Unit No: 54
 Interval: **3181.00 ft (KB) To 3233.00 ft (KB) (TVD)** Reference Elevations: 1743.00 ft (KB)
 Total Depth: 3233.00 ft (KB) (TVD) 1735.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: 8789 **Inside**
 Press @ Run Depth: psig @ 3197.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.09.04 End Date: 2013.09.04 Last Calib.: 2013.09.04
 Start Time: 14:18:02 End Time: 20:47:00 Time On Btm:
 Time Off Btm:

TEST COMMENT: 30-IFP- BOB in 24 min.
 45-ISIP- No Blow
 45-FFP- BOB in 32 min.
 45-FSIP- No Blow



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

Recovery		
Length (ft)	Description	Volume (bbl)
248.00	WCM 30%w 70% m Show of Oil	3.48
3.00	CO 100%	0.04

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc
PO Box 399
Garden City KS 67846
ATTN: Kurt Talbott

12 18s 10w Rice, KS
Mike #1-12
Job Ticket: 50466 **DST#: 1**
Test Start: 2013.09.04 @ 14:18:00

Tool Information

Drill Pipe:	Length: 3194.00 ft	Diameter: 3.80 inches	Volume: 44.80 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 44.80 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	34.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3181.00 ft			Final 41000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	52.00 ft			
Tool Length:	73.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
-------------------------	--------------------	-------------------	-----------------	-------------------	-----------------------

Change Over Sub	1.00			3161.00	
Shut In Tool	5.00			3166.00	
Hydraulic tool	5.00			3171.00	
Packer	5.00			3176.00	21.00 Bottom Of Top Packer
Packer	5.00			3181.00	
Stubb	1.00			3182.00	
Perforations	15.00			3197.00	
Recorder	0.00	8789	Inside	3197.00	
Recorder	0.00	8289	Outside	3197.00	
Change Over Sub	1.00			3198.00	
Blank Spacing	31.00			3229.00	
Change Over Sub	1.00			3230.00	
Bullnose	3.00			3233.00	52.00 Bottom Packers & Anchor

Total Tool Length: 73.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
PO Box 399
Garden City KS 67846
ATTN: Kurt Talbott

12 18s 10w Rice,KS
Mike #1-12
Job Ticket: 50466 **DST#: 1**
Test Start: 2013.09.04 @ 14:18:00

Mud and Cushion Information

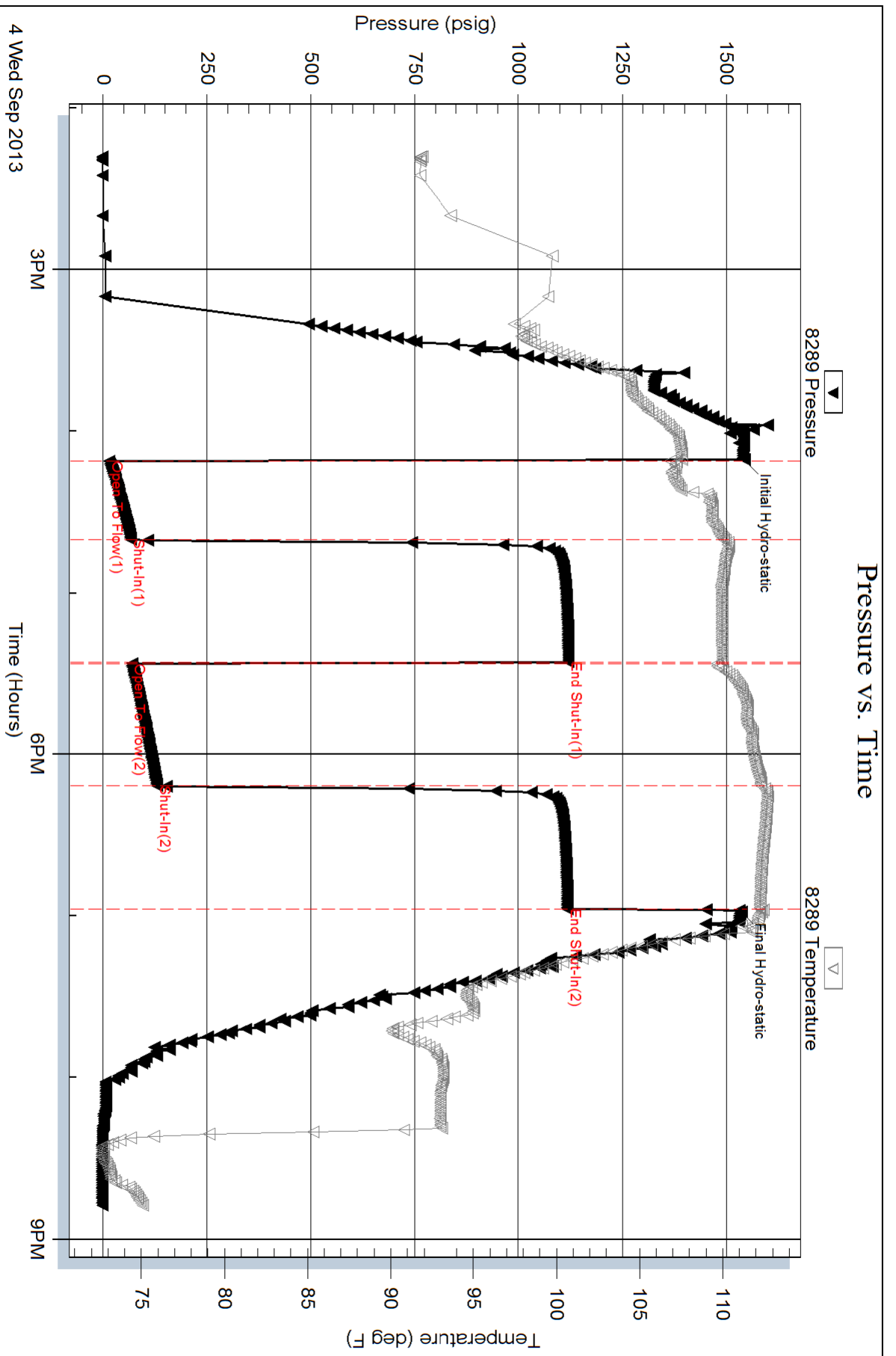
Mud Type: Gel Chem	Cushion Type:	Oil API: 41 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 9200 ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.77 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 3500.00 ppm		
Filter Cake: 0.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
248.00	WCM 30%w 70%m Show of Oil	3.479
3.00	CO 100%	0.042

Total Length: 251.00 ft Total Volume: 3.521 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: .580 @ 82



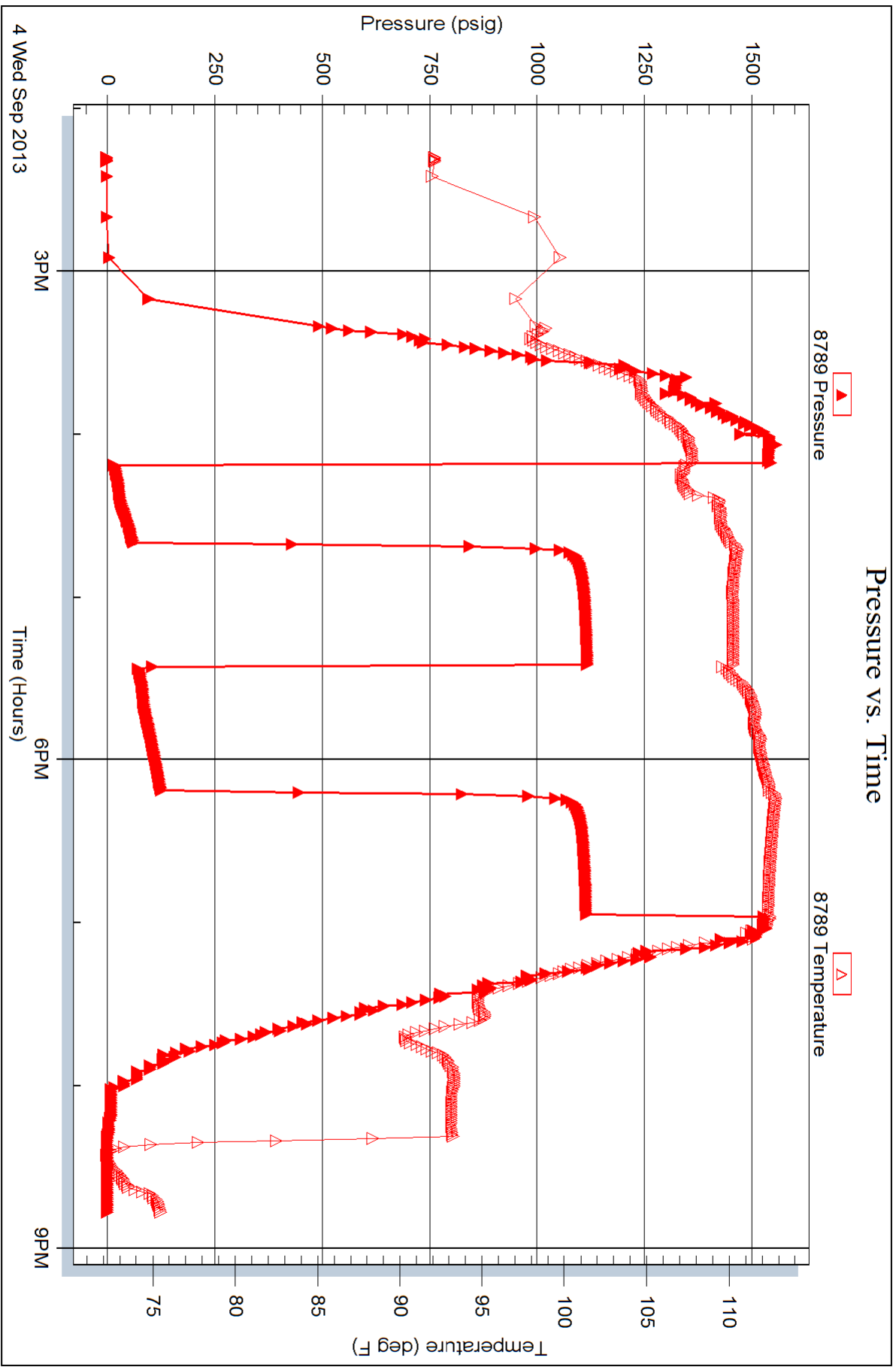
Serial #: 8789

Inside

American Warrior Inc

Mike #1-12

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 50466

Printed: 2013.09.06 @ 08:57:34



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 50466

Well Name & No. Mike 1-12 Test No. 1 Date 9-4-13
 Company American Warrior, Inc. Elevation 1743 KB 1735 GL
 Address P.O. Box 399 Garden City KS. 67846
 Co. Rep / Geo. Kurt Talbott Rig Art Duke #8
 Location: Sec. 12 Twp. 18^s Rge. 10^w Co. Rice State KS

Interval Tested 3181-3233 Zone Tested Arbuckle
 Anchor Length 52 Drill Pipe Run 3194 Mud Wt. 9.2
 Top Packer Depth 3176 Drill Collars Run 0 Vis 4.8
 Bottom Packer Depth 3181 Wt. Pipe Run 0 WL 8.8
 Total Depth 3233 Chlorides 3500 ppm System LCM 0

Blow Description IFP - BOB in 24 min
ISIP - No Blow
FFP - BOB in 32 min.
FSIP - No Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>248</u>	<u>Feet of Wcm show of Oil</u>			<u>30</u>	<u>70</u>
<u>3</u>	<u>Feet of CO</u>	<u>100</u>			

Rec Total 251 BHT 112 Gravity 41 API RW .580 @ 82 ° F Chlorides 9200 ppm

(A) Initial Hydrostatic 1543 Test 1150 T-On Location 13:08
 (B) First Initial Flow 15 Jars _____ T-Started 14:18
 (C) First Final Flow 67 Safety Joint _____ T-Open 16:11
 (D) Initial Shut-In 1120 Circ Sub _____ T-Pulled 18:56
 (E) Second Initial Flow 69 Hourly Standby _____ T-Out 20:47

(F) Second Final Flow 130 Mileage 162 RT 251.10
 (G) Final Shut-In 1118 Sampler _____
 (H) Final Hydrostatic 1531 Straddle _____

Initial Open 30 Shale Packer _____ Ruined Shale Packer _____
 Initial Shut-In 45 Extra Packer _____ Ruined Packer _____
 Final Flow 45 Extra Recorder _____ Sub Total 0
 Final Shut-In 45 Day Standby _____ Total 1401.10
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1401.10

Approved By _____ Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

7856395864