

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Hallelujah-El Shadai Oil Co**

PO Box 8732
Pratt, KS 67124

ATTN: Kurt Talbott

33-32S-13W Barber,KS

Rucker #1

Start Date: 2011.08.20 @ 22:50:15
End Date: 2011.08.21 @ 07:30:45
Job Ticket #: 43949 DST #: 1

RECEIVED
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KCC WICHITA

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Hallelujah-El Shadai Oil Co

PO Box 8732
Pratt, KS 67124

ATTN: Kurt Talbott

Rucker #1

33-32S-13W Barber,KS

Job Ticket: 43949 **DST#: 1**

Test Start: 2011.08.20 @ 22:50:15

GENERAL INFORMATION:

Formation: **Marmaton**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:31:30
Time Test Ended: 07:30:45

Test Type: Conventional Bottom Hole
Tester: Leal Cason
Unit No: 45

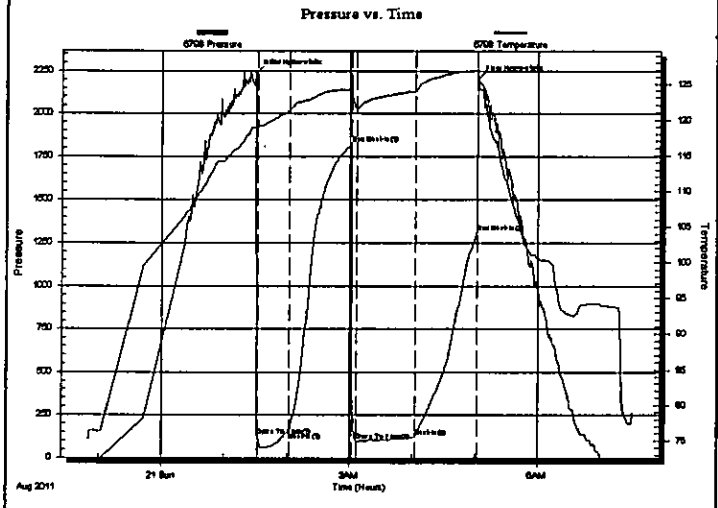
Interval: 4477.00 ft (KB) To 4510.00 ft (KB) (TVD)
Total Depth: 4510.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1785.00 ft (KB)
1775.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6798 **Inside**
Press@RunDepth: 119.55 psig @ 4478.00 ft (KB)
Start Date: 2011.08.20 End Date: 2011.08.21
Start Time: 22:50:16 End Time: 07:30:45

Capacity: 8000.00 psig
Last Calib.: 2011.08.21
Time On Btm: 2011.08.21 @ 01:30:15
Time Off Btm: 2011.08.21 @ 05:03:00

TEST COMMENT: IF: Strong Blow, BOB in 90 seconds
ISI: Bled Off, No Blow back
FF: Strong Blow, BOB Immediate, GTS in 15 minutes, Gas Was TSTM
FSI: Bled Off, No Blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2236.96	118.89	Initial Hydro-static
2	126.84	118.92	Open To Flow (1)
32	147.42	121.23	Shut-In(1)
92	1822.21	124.11	End Shut-In(1)
96	98.27	121.54	Open To Flow (2)
152	119.55	123.96	Shut-In(2)
212	1312.85	127.03	End Shut-In(2)
213	2201.55	127.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	4234 GIP	0.00
180.00	GOCM 40%G 30%O 30%M	2.52
70.00	Clean Oil	0.98

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Hallelujah-El Shadai Oil Co

PO Box 8732
Pratt, KS 67124

ATTN: Kurt Talbott

Rucker #1

33-32S-13W Barber,KS

Job Ticket: 43949 **DST#: 1**

Test Start: 2011.08.20 @ 22:50:15

Tool Information

Drill Pipe:	Length:	4484.00 ft	Diameter:	3.80 inches	Volume:	62.90 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	
					Total Volume:	62.90 bbl	

Drill Pipe Above KB:	34.00 ft
Depth to Top Packer:	4477.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	33.00 ft
Tool Length:	60.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:		2100.00 lb
Weight set on Packer:		25000.00 lb
Weight to Pull Loose:		72000.00 lb
Tool Chased		ft
String Weight:	Initial	68000.00 lb
	Final	68000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			4455.00		
Hydraulic tool	5.00			4460.00		
Jars	5.00			4465.00		
Safety Joint	2.00			4467.00		
Packer	5.00			4472.00	27.00	Bottom Of Top Packer
Packer	5.00			4477.00		
Stubb	1.00			4478.00		
Recorder	0.00	6798	Inside	4478.00		
Recorder	0.00	8367	Outside	4478.00		
Perforations	29.00			4507.00		
Bullnose	3.00			4510.00	33.00	Bottom Packers & Anchor
Total Tool Length:	**60.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Hallelujah-El Shadai Oil Co

PO Box 8732
Pratt, KS 67124

ATTN: Kurt Talbott

Rucker #1

33-32S-13W Barber,KS

Job Ticket: 43949 **DST#: 1**

Test Start: 2011.08.20 @ 22:50:15

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:	ppm
Viscosity:	51.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	10.38 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4600.00 ppm				
Filter Cake:	0.20 inches				

Recovery Information

Recovery Table

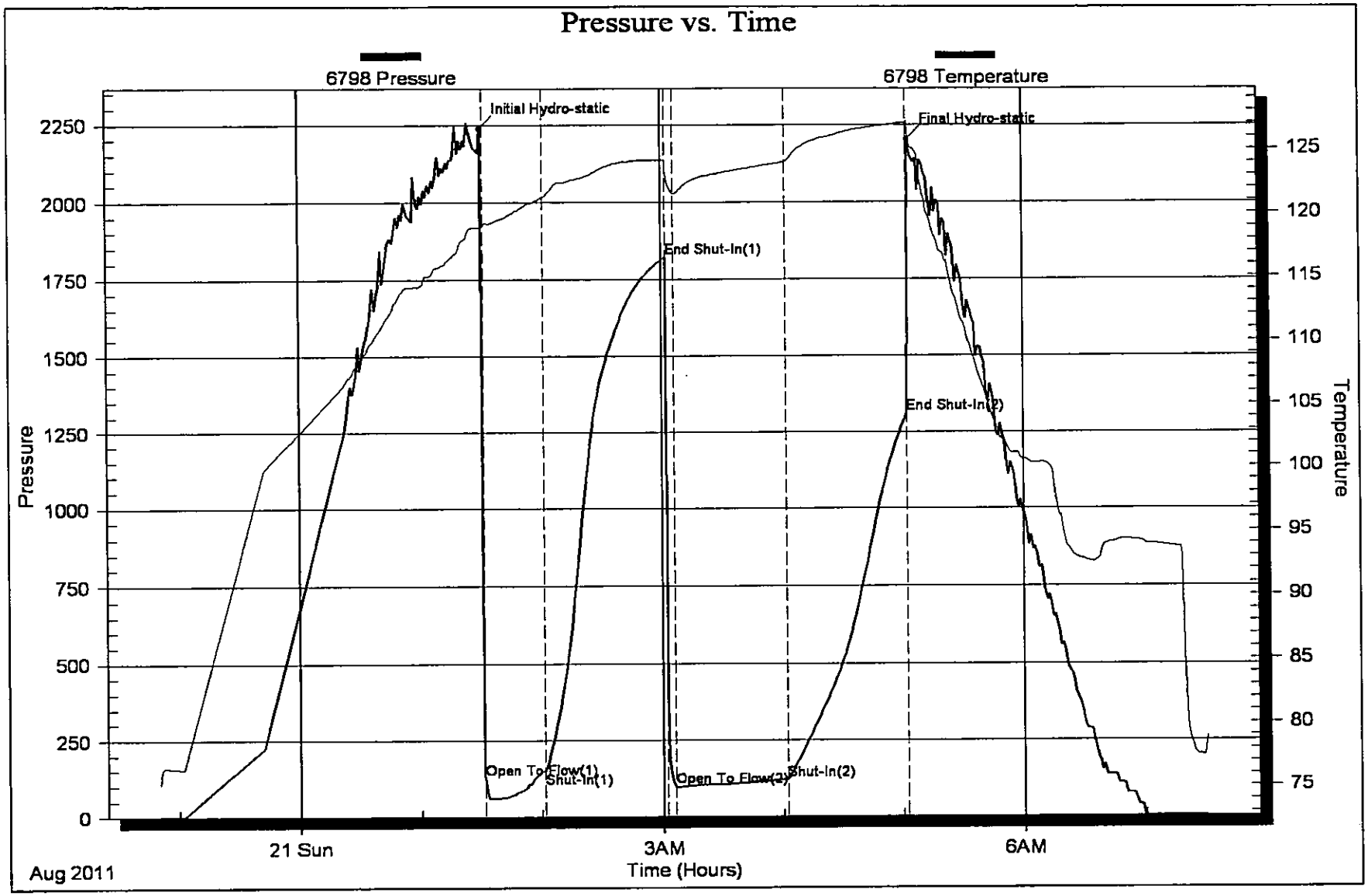
Length ft	Description	Volume bbl
0.00	4234 GIP	0.000
180.00	GOCM 40%G 30%O 30%M	2.525
70.00	Clean Oil	0.982

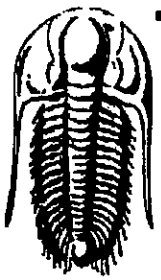
Total Length: 250.00 ft Total Volume: 3.507 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: Gravity Was 30.9 @ 84 Degrees 28.5 Corrected


Pressure vs. Time
6798 Pressure
6798 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure
Temperature
2250
2000
1750
1500
1250
1000
750
500
250
0
125
120
115
110
105
100
95
90
85
80
75
21 Sun
3AM
6AM
Aug 2011
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Hallelujah-El Shadai Oil Co**

PO Box 8732
Pratt, KS 67124

ATTN: Kurt Talbott

33-32S-13W Barber,KS

Rucker #1

Start Date: 2011.08.23 @ 06:48:15
End Date: 2011.08.23 @ 18:31:30
Job Ticket #: 43950 DST #: 2

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

DRILL STEM TEST REPORT

Hallelujah-El Shadai Oil Co

PO Box 8732
Pratt, KS 67124

ATTN: Kurt Talbott

Rucker #1

33-32S-13W Barber,KS

Job Ticket: 43950 **DST#: 2**

Test Start: 2011.08.23 @ 06:48:15

GENERAL INFORMATION:

Formation: **Simpson Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 10:36:15
Time Test Ended: 18:31:30

Test Type: Conventional Bottom Hole
Tester: Leal Cason
Unit No: 45

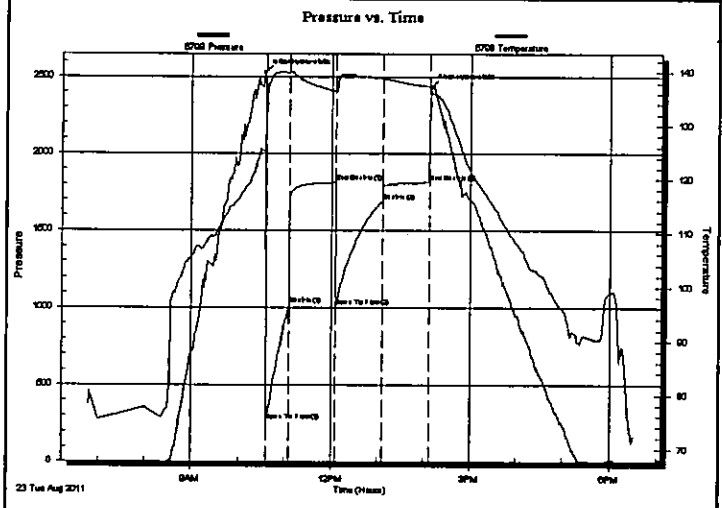
Interval: 4960.00 ft (KB) To 5000.00 ft (KB) (TVD)
Total Depth: 5000.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1785.00 ft (KB)
1775.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6798 **Inside**
Press@RunDepth: 1686.28 psig @ 4961.00 ft (KB)
Start Date: 2011.08.23 End Date: 2011.08.23
Start Time: 06:48:16 End Time: 18:31:30

Capacity: 8000.00 psig
Last Calib.: 2011.08.23
Time On Btm: 2011.08.23 @ 10:33:15
Time Off Btm: 2011.08.23 @ 14:08:00

TEST COMMENT: IF: Strong Blow, BOB in 90 seconds
ISI: Bled Off, Weak Surface Blow back
FF: Strong Blow, BOB in 2 minutes
FSI: Bled Off, Weak Surface Blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2528.73	125.24	Initial Hydro-static
3	260.78	129.99	Open To Flow (1)
33	1016.00	139.86	Shut-In(1)
93	1810.68	136.47	End Shut-In(1)
93	1008.68	136.18	Open To Flow (2)
153	1686.28	138.88	Shut-In(2)
214	1810.91	137.35	End Shut-In(2)
215	2434.32	136.96	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	150 GIP	0.00
2946.00	Water	41.32
744.00	GMCW 5%G 25%M 70%W	10.44
30.00	SOMCW 2%O 32%M 66%W	0.42

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Hallelujah-El Shadai Oil Co

PO Box 8732
Pratt, KS 67124

ATTN: Kurt Talbott

Rucker #1

33-32S-13W Barber,KS

Job Ticket: 43950 **DST#: 2**

Test Start: 2011.08.23 @ 06:48:15

Tool Information

Drill Pipe:	Length:	4951.00 ft	Diameter:	3.80 inches	Volume:	69.45 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	
					Total Volume:	69.45 bbl	

Drill Pipe Above KB:	18.00 ft
Depth to Top Packer:	4960.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	40.00 ft
Tool Length:	67.00 ft
Number of Packers:	2
Diameter:	6.75 inches

Tool Weight:	2100.00 lb
Weight set on Packer:	25000.00 lb
Weight to Pull Loose:	94000.00 lb
Tool Chased	ft
String Weight: Initial	74000.00 lb
Final	90000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			4938.00		
Hydraulic tool	5.00			4943.00		
Jars	5.00			4948.00		
Safety Joint	2.00			4950.00		
Packer	5.00			4955.00	27.00	Bottom Of Top Packer
Packer	5.00			4960.00		
Stubb	1.00			4961.00		
Recorder	0.00	6798	Inside	4961.00		
Recorder	0.00	8367	Outside	4961.00		
Perforations	36.00			4997.00		
Bullnose	3.00			5000.00	40.00	Bottom Packers & Anchor
Total Tool Length:	**67.00**					

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FLUID SUMMARY

Hallelujah-El Shadai Oil Co

PO Box 8732
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ATTN: Kurt Talbott

Rucker #1

33-32S-13W Barber,KS

Job Ticket: 43950 **DST#: 2**

Test Start: 2011.08.23 @ 06:48:15

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:	80000 ppm
Viscosity:	52.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.79 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	5800.00 ppm				
Filter Cake:	0.20 inches				

Recovery Information

Recovery Table

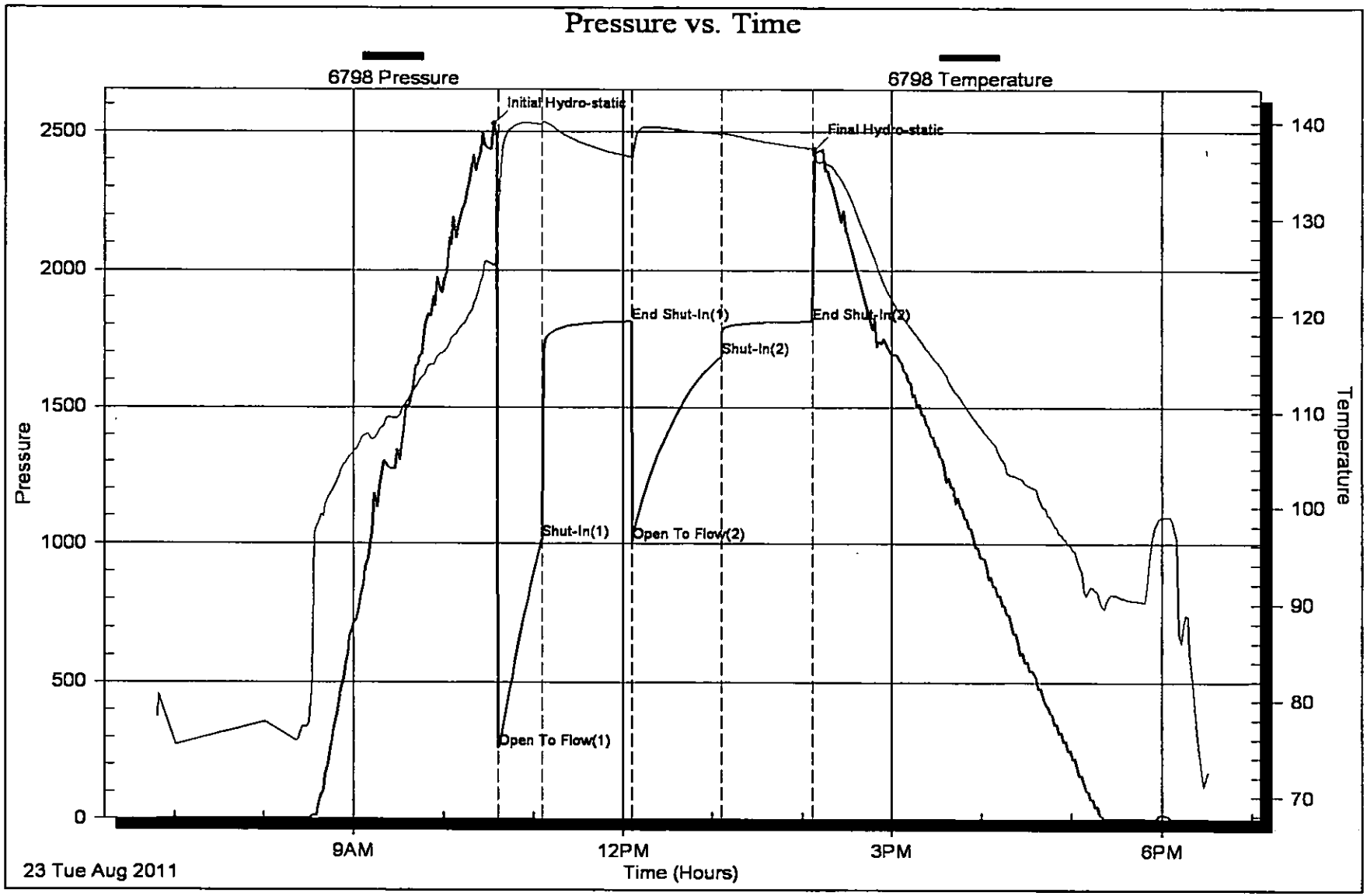
Length ft	Description	Volume bbl
0.00	150 GIP	0.000
2946.00	Water	41.325
744.00	GMCW 5%G 25%M 70%W	10.436
30.00	SOMCW 2%O 32%M 66%W	0.421

Total Length: 3720.00 ft Total Volume: 52.182 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: RW was .075 @ 95 degrees


Pressure vs. Time
6798 Pressure
6798 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(2)
Shut-In(1)
Open To Flow(2)
Open To Flow(1)
Pressure
Temperature
2500
2000
1500
1000
500
0
140
130
120
110
100
90
80
70
9AM
12PM
3PM
6PM
23 Tue Aug 2011
Time (Hours)

TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

4/10

RECEIVED AUG 25 2011

Test Ticket

NO. 43949 K0807

Well Name & No. Rucker 1 Test No. 1 Date 08/20/11

Company Hallelujah - El Shadai oil co. Elevation 1785 KB 1775 GL

Address PO Box 8732 Pratt, KS 67124

Co. Rep / Geo. Kurt Talbott Rig Maverick 106

Location: Sec. 33 Twp. 32 Rge. 13 Co. Barber State

Interval Tested 4477 - 4510 Zone Tested Marmoton

Anchor Length 33 Drill Pipe Run 4484 Mud Wt. 9.3

Top Packer Depth 4472 Drill Collars Run 0 Vis 51

Bottom Packer Depth 4477 Wt. Pipe Run 0 WL 10.4

Total Depth 4510 Chlorides 4600 ppm System LCM

Blow Description IF: Strong Blow, BOB in 90 Seconds
ISI: Bled off, NO Blowback
FF: Strong Blow, BOB immediate, GTS in 15 minutes, Gas was TSTM
FSI: Bled off, NO Blowback

Rec 4234	Feet of GIP	%gas	%oil	%water	%mud
Rec 70	Feet of Clean oil	%gas	%oil	%water	%mud
Rec 180	Feet of GOCM	40 %gas	30 %oil	%water 30	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 250 BHT 127° Gravity 28.5 API RW N/C @ N/C °F Chlorides N/C ppm

(A) Initial Hydrostatic	2237	☑ Test	1225	T-On Location	22:30
(B) First Initial Flow	127	☑ Jars	250	T-Started	22:50
(C) First Final Flow	147	☑ Safety Joint	75	T-Open	01:31
(D) Initial Shut-In	1822	☐ Circ Sub		T-Pulled	05:09
(E) Second Initial Flow	98	☐ Hourly Standby		T-Out	07:30
(F) Second Final Flow	119	☑ Mileage	(100) 140	Comments	
(G) Final Shut-In	1313	☐ Sampler			
(H) Final Hydrostatic	2201	☐ Straddle		☐ Ruined Shale Packer	
		☐ Shale Packer		☐ Ruined Packer	
Initial Open	30	☐ Extra Packer		☐ Extra Copies	
Initial Shut-In	60	☐ Extra Recorder		Sub Total	0
Final Flow	60	☐ Day Standby		Total	1690
Final Shut-In	60	☐ Accessibility		MP/DST Disc't	
		Sub Total	1690		

Approved By Kurt Talbott Our Representative

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.

TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED AUG 25 2011

Test Ticket

NO. 43950

4/10

Well Name & No. Rucker 1 Test No. 2 Date 08/23/11

Company Hallelujah - El Shadai oil Co. Elevation 1785 KB 1775 GL

Address PO Box 8732 Pratt, KS 67124

Co. Rep / Geo. Kurt Talbott Rig Maverick 106

Location: Sec. 33 Twp. 32S Rge. 13W Co. Barber State KS

Interval Tested 4960 – 5000 Zone Tested Simpson Sand

Anchor Length 40 Drill Pipe Run 4951 Mud Wt. 9.3

Top Packer Depth 4955 Drill Collars Run 0 Vis 52

Bottom Packer Depth 4960 Wt. Pipe Run 0 WL 8.8

Total Depth 5000 Chlorides 5800 ppm System LCM 3#

Blow Description IF: Strong Blow, BOB in 90 seconds

ISI: Bled off, Weak surface Blowback

FF: Strong Blow, BOB in 2 minutes

FSI: Bled off, NO Blowback

Rec 150	Feet of GIP	%gas	%oil	5	%water	%mud
Rec 30	Feet of SOMCW	%gas	2 %oil	66	%water	32	%mud
Rec 744	Feet of GMCW	5 %gas	%oil	70	%water	25	%mud
Rec 2946	Feet of water	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 3720 BHT 137° Gravity N/C API RW .075 @ 95 °F Chlorides 80000 ppm

(A) Initial Hydrostatic	2529	☑ Test	1225	T-On Location	06:15
(B) First Initial Flow	261	☑ Jars	250	T-Started	06:48
(C) First Final Flow	1016	☑ Safety Joint	75	T-Open	10:36
(D) Initial Shut-In	1811	☐ Circ Sub		T-Pulled	14:06
(E) Second Initial Flow	1008	☑ Hourly Standby	2hrs 200	T-Out	18:31
(F) Second Final Flow	1686	☑ Mileage	(100) 140	Comments	
(G) Final Shut-In	1811	☐ Sampler			
(H) Final Hydrostatic	2434	☐ Straddle		☐ Ruined Shale Packer	
		☐ Shale Packer		☐ Ruined Packer	
Initial Open	30	☐ Extra Packer		☐ Extra Copies	
Initial Shut-In	60	☐ Extra Recorder		Sub Total	758.50
Final Flow	60	☑ Day Standby	1 day + 22¼ hrs	Total	2648.50
Final Shut-In	60	☐ Accessibility		MP/DST Disc't	
		Sub Total	1890		

Approved By Kurt Talbott Our Representative

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