

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **H T Oil LLC**

6150 Stoneridge Mail Rd,
Ste 365
Pleasanton, Ca. 94588

ATTN: Dusty Rhoades

9-23s--7w

Alderson # 1-19^a

1-9

Kgs - drl

Start Date: 2004.05.12 @ 07:24:05

End Date: 2004.05.12 @ 14:58:05

Job Ticket #: 19426 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

H T Oil LLC

Alderson # 1-19

9-23s--7w

DST # 1

Miss.

2004.05.12



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

H T Oil LLC
 6150 Stoneridge Mail Rd,
 Ste 365
 Pleasanton, Ca. 94588
 ATTN: Dusty Rhoades

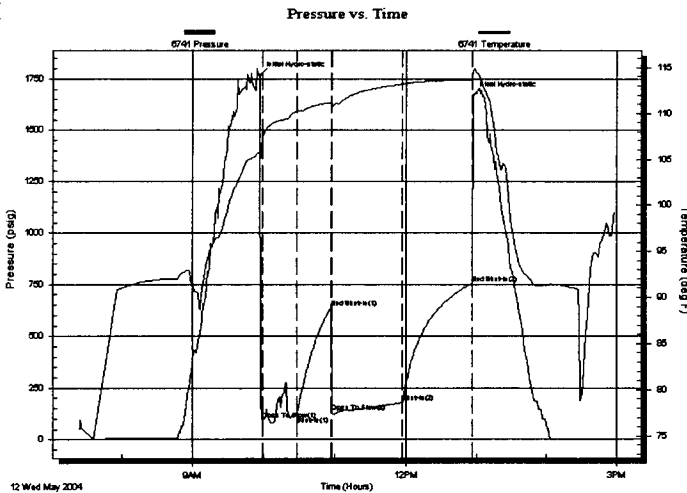
Alderson # 1-19
9-23s-7w
 Job Ticket: 19426 **DST#: 1**
 Test Start: 2004.05.12 @ 07:24:05

GENERAL INFORMATION:

Formation: **Miss.**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:59:05
 Time Test Ended: 14:58:05
 Interval: **3524.00 ft (KB) To 3608.00 ft (KB) (TVD)**
 Total Depth: 3608.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: John Schmidt
 Unit No: 18
 Reference Elevations: 1603.00 ft (KB)
 1598.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6741 Inside
 Press@RunDepth: 178.29 psig @ 3527.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2004.05.12 End Date: 2004.05.12 Last Calib.: 2004.05.12
 Start Time: 07:24:06 End Time: 14:58:05 Time On Btm: 2004.05.12 @ 09:57:05
 Time Off Btm: 2004.05.12 @ 12:57:35

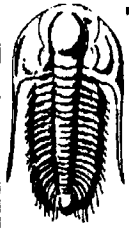
TEST COMMENT: F-Strong B.O.B. in 1 min. ISI-Blow back built to 3" in.
 FF-Strong B.O.B. in 15 Sec. G.T.S. in 24 min. T.S.T.G. FSI-Blow back B.O.B. in 5 min.



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1766.15	105.73	Initial Hydro-static
2	92.56	106.95	Open To Flow (1)
31	114.27	110.20	Shut-In(1)
60	635.64	111.18	End Shut-In(1)
61	131.21	110.81	Open To Flow (2)
120	178.29	113.18	Shut-In(2)
180	755.05	113.65	End Shut-In(2)
181	1667.73	114.63	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
180.00	SOMCW-1%O-49%M-50%W	1.44
200.00	SOWCM-1%O-15%W-84%M	2.81

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



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TOOL DIAGRAM

H T Oil LLC
6150 Stoneridge Mail Rd,
Ste 365
Pleasanton, Ca. 94588
ATTN: Dusty Rhoades

Alderson # 1-19
9-23s-7w
Job Ticket: 19426 **DST#: 1**
Test Start: 2004.05.12 @ 07:24:05

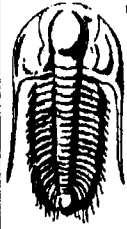
Tool Information

Drill Pipe:	Length: 3403.00 ft	Diameter: 3.80 inches	Volume: 47.74 bbl	Tool Weight: 35000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 119.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 53000.00 lb
			<u>Total Volume: 48.33 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3524.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	84.00 ft			
Tool Length:	104.00 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			3505.00	
Shut In Tool	5.00			3510.00	
Hydraulic tool	5.00			3515.00	
Packer	4.00			3519.00	20.00 Bottom Of Top Packer
Packer	5.00			3524.00	
Stubb	1.00			3525.00	
Perforations	1.00			3526.00	
Change Over Sub	1.00			3527.00	
Recorder	0.00	6741	Inside	3527.00	
Blank Spacing	63.00			3590.00	
Change Over Sub	1.00			3591.00	
Recorder	0.00	11084	Outside	3591.00	
Perforations	14.00			3605.00	
Bullnose	3.00			3608.00	84.00 Bottom Packers & Anchor

Total Tool Length: 104.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

HT Oil LLC

Alderson # 1-19

6150 Stoneridge Mail Rd,
Ste 365
Pleasanton, Ca. 94588
ATTN: Dusty Rhoades

9-23s-7w

Job Ticket: 19426

DST#: 1

Test Start: 2004.05.12 @ 07:24:05

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:	54000 ppm
Viscosity: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.19 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	SOMCW-1%O-49%M-50%W	1.441
200.00	SOWCM-1%O-15%W-84%M	2.805

Total Length: 380.00 ft Total Volume: 4.246 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #: 6741

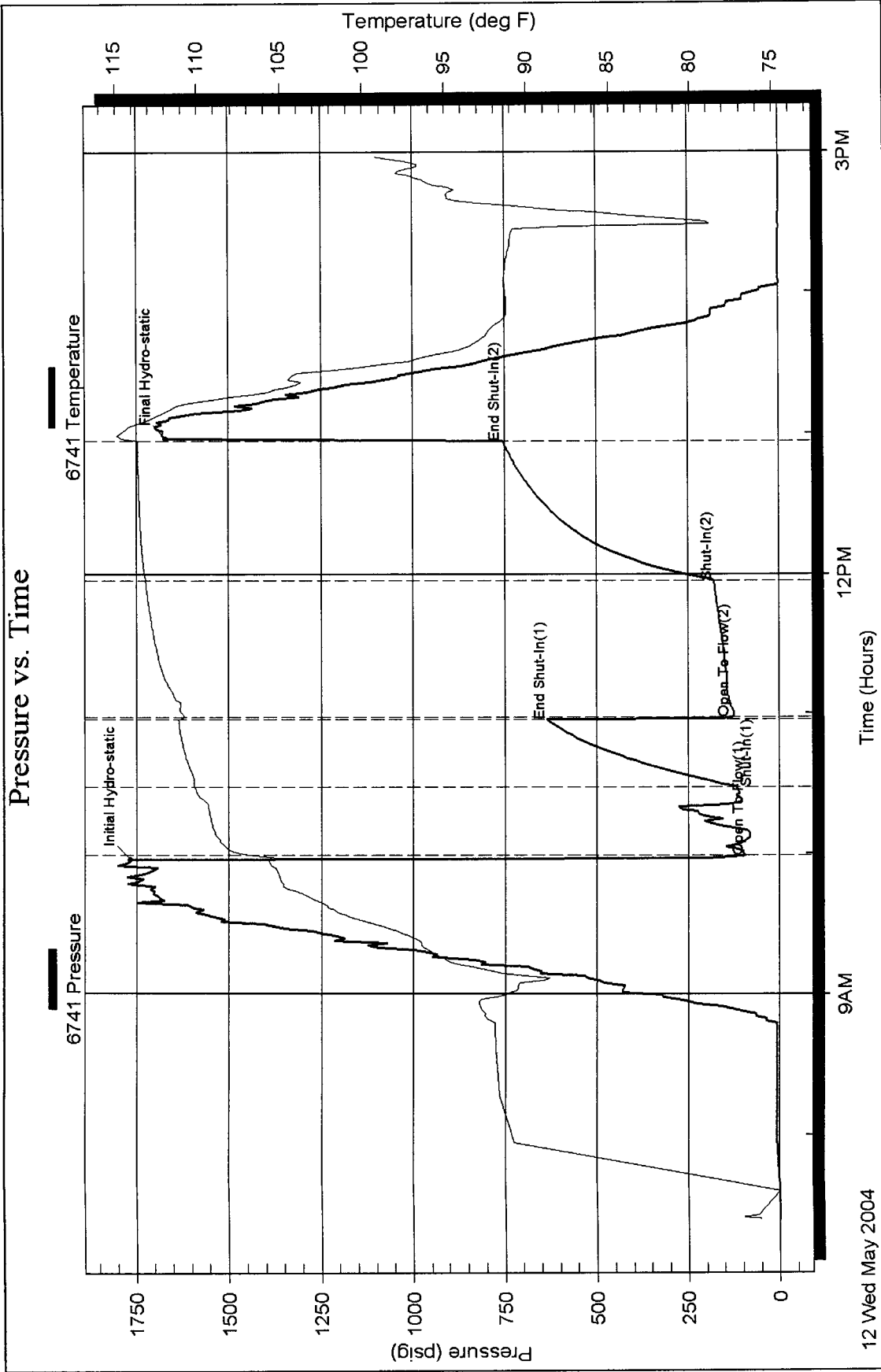
Inside

HTOILLC

9--23s--7w

DST Test Number: 1

Pressure vs. Time

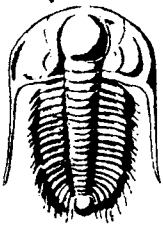


12 Wed May 2004

Trilobite Testing, Inc

Ref. No: 19426

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TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No. 19426

05/03

Test Ticket

TNW
6471

X

Well Name & No. ALDERSON #1-9 Test No. #1 Date 5-12-04
 Company HT OIL LLC Zone Tested MISS.
 Address 6150 STOWERIDGE MAIL RD, STE 365 PLEASANTON, CA Elevation 1603 KB 1598 GL
 Co. Rep / Geo. JOE BAKER Cont. PICKRELL #10 Est. Ft. of Pay 94588 Por. %
 Location: Sec. 9 Twp. 235 Rge. 7W Co. RENO State KS
 No. of Copies Distribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 3524 To 3608 Initial Str Wt./Lbs. 44,000 Unseated Str Wt./Lbs. 48,000
 Anchor Length 84' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 53,000
 Top Packer Depth 3519 Tool Weight 3,500
 Bottom Packer Depth 3524 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3608 Wt. Pipe Run 0 Drill Collar Run 119
 Mud Wt. 9.2 LCM 0 Vis. 46 WL 11.2 Drill Pipe Size 4 1/2 XH Ft. Run 340.3
 Blow Description FF - STRONG B.O.B. 1-MIN. FSI - BLOW BACK BUILT TO 3" IN.
FF STRONG B.O.B. 15-SEC. G.T.S. IN 24-MIN. T.S.T.G.
FSI - BLOW BACK B.O.B. 5-MIN.

(GAS WILL BURN)

Recovery - Total Feet 380 GIP G.T.S. Ft. in DC 119 Ft. in DP 261
 Rec. 180 Feet of SOMCW %gas 1 %oil 50 %water 49 %mud
 Rec. 200 Feet of SOWCM %gas 1 %oil 15 %water 84 %mud
 Rec. Feet of %gas %oil %water %mud
 Rec. Feet of %gas %oil %water %mud
 Rec. Feet of %gas %oil %water %mud
 BHT 113 °F Gravity °API D @ °F Corrected Gravity °API
 RW .11 @ 90 °F Chlorides 54,000 ppm Recovery Chlorides 9,000 ppm System

(A) Initial Hydrostatic Mud	AK-1	Alpine	1766	PSI	Recorder No.	6741	Test	B. HOLE 700
(B) First Initial Flow Pressure			92	PSI	(depth)	3527	Elec. Rec.	150
(C) First Final Flow Pressure			114	PSI	Recorder No.	11084	Jars	
(D) Initial Shut-In Pressure			635	PSI	(depth)	35091	Safety Jt.	
(E) Second Initial Flow Pressure			131	PSI	Recorder No.		Circ Sub	
(F) Second Final Flow Pressure			178	PSI	(depth)		Sampler	
(G) Final Shut-In Pressure			755	PSI	Initial Opening	30	Straddle	
(Q) Final Hydrostatic Mud			1667	PSI	Initial Shut-In	30	Ext. Packer	
					Final Flow	60	Shale Packer	
					Final Shut-In	60	Mileage	132 46 112.20
					T-On Location	05:30	Sub Total:	962.20
					T-Started	07:24	Std. By	1 1/2 45
					T-Open	09:58	Other	
					T-Pulled	12:57	Total:	1007.20
					T-Out	14:58		

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.

Approved By [Signature]
 Our Representative John F. Schmidt

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart

