

DRILL STEM TEST REPORT

Prepared For: **Hartman Oil Co**

12950 E13th St
Wichita KS 67230

ATTN: Jim Musgrove

35 25 14 Stafford KS

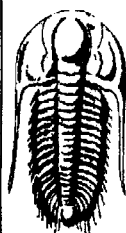
Garner #1

Start Date: 2006.04.28 @ 18:53:36

End Date: 2006.04.29 @ 03:23:06

Job Ticket #: 24055 DST #: 1

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Hartman Oil Co

12950 E13th St
Wichita KS 67230

ATTN: Jim Musgrove

Garner #1

35 25 14 Stafford KS

Job Ticket: 24055

DST#: 1

Test Start: 2006.04.28 @ 18:53:36

GENERAL INFORMATION:

Formation: **Cong.Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:51:36

Time Test Ended: 03:23:06

Test Type: Conventional Bottom Hole

Tester: Gerald Adams

Unit No: 19

Interval: **4126.00 ft (KB) To 4216.00 ft (KB) (TVD)**

Total Depth: 4216.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1388.00 ft (KB)

1380.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6625

Inside

Press@RunDepth: 128.40 psig @ 4128.00 ft (KB)

Start Date: 2006.04.28

End Date: 2006.04.29

Start Time: 18:53:37

End Time: 03:23:06

Capacity: 7000.00 psig

Last Calib.: 2006.04.29

Time On Btm: 2006.04.28 @ 20:50:36

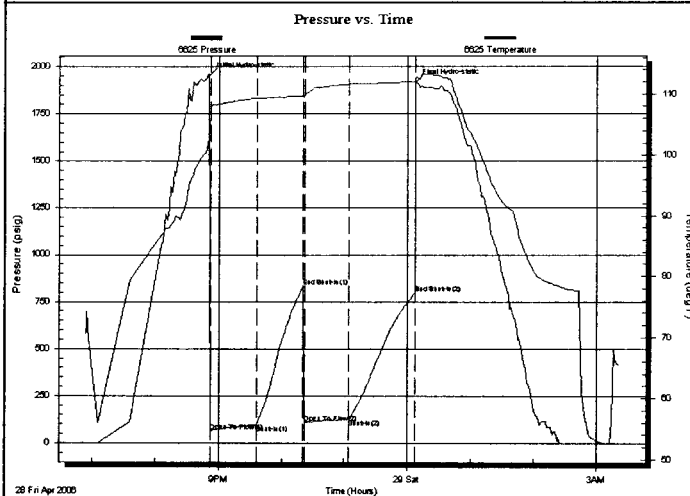
Time Off Btm: 2006.04.29 @ 00:07:06

TEST COMMENT: IF Fair blow BOB in 32"

ISI No blow

FF Weak to fair blow Built to 6 in

FSI No blow



PRESSURE SUMMARY

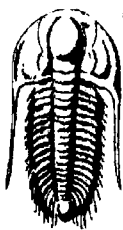
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1952.37	102.55	Initial Hydro-static
1	61.48	106.62	Open To Flow (1)
45	97.40	109.38	Shut-In(1)
90	827.20	109.72	End Shut-In(1)
91	108.16	109.92	Open To Flow (2)
134	128.40	111.60	Shut-In(2)
196	793.06	112.04	End Shut-In(2)
197	1915.91	112.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
265.00	SCGM 5%G 95%M	1.30
0.00	60' GIP	0.00
0.00		0.00

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Hartman Oil Co

12950 E13th St
Wichita KS 67230

ATTN: Jim Musgrove

Garner #1

35 25 14 Stafford KS

Job Ticket: 24055

DST#: 1

Test Start: 2006.04.28 @ 18:53:36

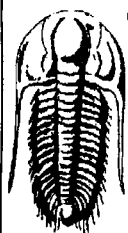
Tool Information

Drill Pipe:	Length:	3793.00 ft	Diameter:	3.80 inches	Volume:	53.21 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length:	321.00 ft	Diameter:	2.25 inches	Volume:	1.58 bbl	Weight to Pull Loose:	80000.00 lb
					<u>Total Volume:</u>	<u>54.79 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:		8.00 ft					String Weight: Initial	64000.00 lb
Depth to Top Packer:		4126.00 ft					Final	66000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		90.00 ft						
Tool Length:		110.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				
Tool Comments:								
Slid 5' to bottom								

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			4111.00	
Hydraulic tool	5.00			4116.00	
Packer	5.00			4121.00	20.00 Bottom Of Top Packer
Packer	5.00			4126.00	
Stubb	1.00			4127.00	
Change Over Sub	1.00			4128.00	
Recorder	0.00	6625	Inside	4128.00	
Blank Spacing	61.00			4189.00	
Change Over Sub	1.00			4190.00	
Perforations	23.00			4213.00	
Recorder	0.00	11019	Outside	4213.00	
Bullnose	3.00			4216.00	90.00 Bottom Packers & Anchor

Total Tool Length: 110.00



TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Hartman Oil Co

Garner #1

12950 E13th St
Wichita KS 67230

35 25 14 Stafford KS

Job Ticket: 24055

DST#: 1

ATTN: Jim Musgrove

Test Start: 2006.04.28 @ 18:53:36

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: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2400.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
265.00	SCGM 5%G 95%M	1.303
0.00	60' GIP	0.000
0.00		0.000

Total Length: 265.00 ft

Total Volume: 1.303 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6625

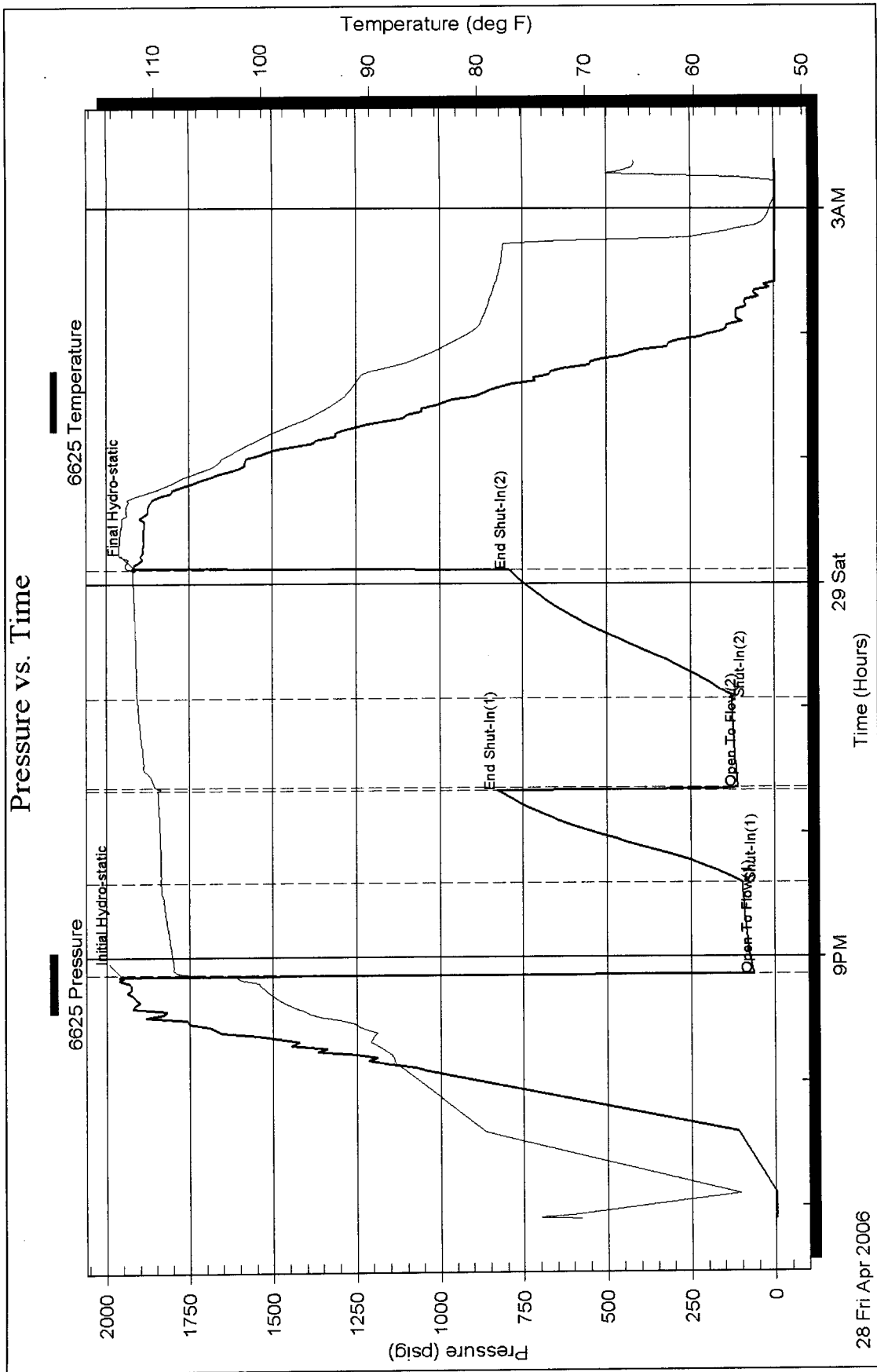
Inside

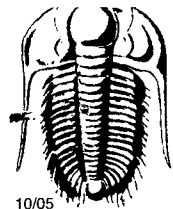
Hartman Oil Co

35 25 14 Stafford KS

DST Test Number: 1

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 24055

Test Ticket

Well Name & No. Garner #1 Test No. DST #1 Date 4-28-06
 Company Hartman Oil Co. Zone Tested Cong. M.S.S.
 Address 12950 E. 13th St. Wichita, KS. 67230 Elevation 1988 KB 1980 GL
 Co. Rep / Geo. Jim Musgrove Rig Fossil Drilling
 Location: Sec. 35 Twp. 25 S. Rge. 14 W. Co. Stafford State KS.
 Comment: Slid 5' to Bottom. Release date / time: _____

Interval Tested 4126 - 4216 Initial Str Wt./Lbs. 64000 Unseated Str Wt./Lbs. 66000
 Anchor Length 90' Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 80000
 Top Packer Depth 4126 Tool Weight 2100
 Bottom Packer Depth 4126 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 4216 Wt. Pipe Run none Drill Collar Run 321
 Mud Wt. 9.0 LCM 2 1/2" Vis. 48 WL 7.2 Drill Pipe Size 4 1/2 Ft. Run 3793
 Blow Description I.F.: Fair blow B.O.B. in 32 mins.
I.S.I.: NO blow
F.F.: Weak to Fair blow Built to 6"
F.S.I.: No blow

Recovery - Total Feet 265' GIP 60' Ft. in DC 265 Ft. in DP 0
 Rec. 265 Feet of SGCM 5 %gas %oil %water 95 %mud
 Rec. _____ Feet of _____ %gas %oil %water _____ %mud
 Rec. _____ Feet of _____ %gas %oil %water _____ %mud
 Rec. _____ Feet of _____ %gas %oil %water _____ %mud
 Rec. _____ Feet of _____ %gas %oil %water _____ %mud
 BHT 112 °F Gravity 11/C °API D @ _____ °F Corrected Gravity _____ °API
 RW NO check @ _____ °F Chlorides 2400 ppm Recovery _____ Chlorides 2400 ppm System

AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1983</u> PSI	<u>6625</u>	<u>✓</u> <u>1100</u>
(B) First Initial Flow Pressure	<u>61</u> PSI	(depth) <u>4128</u>	Jars _____
(C) First Final Flow Pressure	<u>97</u> PSI	Recorder No. <u>11019</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>827</u> PSI	(depth) <u>3' off Bottom</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>108</u> PSI	Recorder No. <u>4213</u>	Sampler _____
(F) Second Final Flow Pressure	<u>128</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>793</u> PSI	Initial Opening <u>45</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1981</u> PSI	Initial Shut-In <u>45</u>	Shale Packer _____

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Approved By _____

Our Representative Gerald Adams

Final Flow 45
 Final Shut-In 60
 T-On Location 17:45
 T-Started 18:53
 T-Open 20:51
 T-Pulled 24:05
 T-Out 03:23
 Test ✓ 1100
 Jars _____
 Safety Jt. _____
 Circ Sub _____
 Sampler _____
 Straddle _____
 Ext. Packer _____
 Shale Packer _____
 Ruined Packer _____
 Mileage 40 50.00
 Sub Total: 11150
 Std. By 14 3700
 Acc. Chg: _____
 Other: _____
 Total: 11875

Thank You. T-Out

CHART PAGE

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

Hartman Oil Co.

Garner #1

Dst #1 Cong. M'ss.

11019

