

DRILL STEM TEST REPORT

Prepared For: **Hartman Oil Co Inc**

12950 E 13th st
Wichita Ks 67230-1457

ATTN: John Parker

17-22s-33w Finney

Finnup B#12

Start Date: 2004.08.04 @ 08:56:05

End Date: 2004.08.04 @ 19:10:34

Job Ticket #: 20048 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 Inc
12950 E 13th st
Wichita Ks 67230-1457
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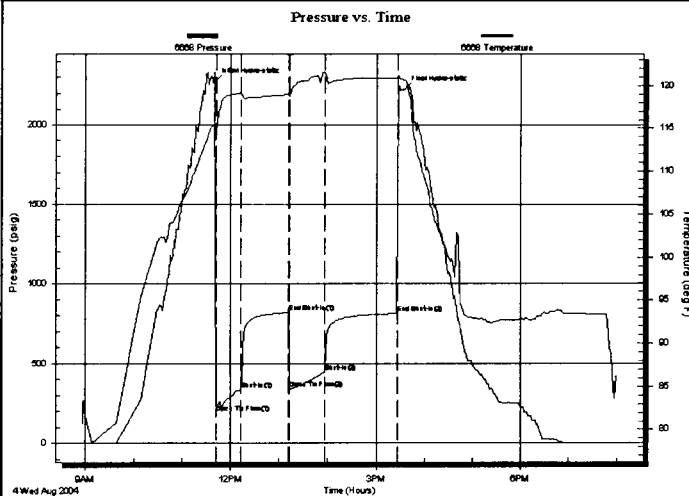
Finnup B#12
17-22s-33w Finney
Job Ticket: 20048 **DST#: 1**
Test Start: 2004.08.04 @ 08:56:05

GENERAL INFORMATION:

Formation: **Lower Morrow**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:42:04
Time Test Ended: 19:10:34
Interval: **4648.00 ft (KB) To 4781.00 ft (KB) (TVD)**
Total Depth: 4781.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair
Reference Elevations: 2897.00 ft (KB)
2892.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6668 **Inside**
Press@RunDepth: 443.69 psig @ 4749.01 ft (KB) Capacity: 7000.00 psig
Start Date: 2004.08.04 End Date: 2004.08.04 Last Calib.: 2004.08.04
Start Time: 08:56:05 End Time: 20:00:34 Time On Btm: 2004.08.04 @ 11:39:34
Time Off Btm: 2004.08.04 @ 15:34:04

TEST COMMENT: FP-w k to strg in 10 min
FFP-w k to strg in 3 min
Times 30-60-45-90
ISIP-w k surface bl bk FSIP-w k surface bl bk



PRESSURE SUMMARY

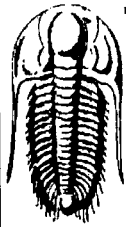
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2270.00	115.33	Initial Hydro-static
3	188.41	114.93	Open To Flow (1)
34	336.85	119.18	Shut-In(1)
92	817.71	118.94	End Shut-In(1)
93	340.05	118.75	Open To Flow (2)
137	443.69	121.55	Shut-In(2)
227	811.77	120.87	End Shut-In(2)
235	2222.28	120.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
405.00	SMGO 5%mud 40%gas 55%oil	1.99
495.00	MGO 7%mud 43%gas 50%oil	6.94
0.00	2110'GIP	0.00

Gas Rates

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



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TOOL DIAGRAM

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12950 E 13th st
Wichita Ks 67230-1457
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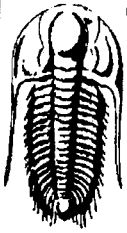
Finnup B#12
17-22s-33w Finney
Job Ticket: 20048 **DST#: 1**
Test Start: 2004.08.04 @ 08:56:05

Tool Information

Drill Pipe:	Length: 4245.00 ft	Diameter: 3.80 inches	Volume: 59.55 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 405.00 ft	Diameter: 2.25 inches	Volume: 1.99 bbl	Weight to Pull Loose: 95000.00 lb
			Total Volume: 61.54 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4648.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	133.02 ft			
Tool Length:	161.02 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			4621.00	
Shut In Tool	5.00			4626.00	
Hydraulic tool	5.00			4631.00	
Jars	5.00			4636.00	
Safety Joint	2.00			4638.00	
Packer	5.00			4643.00	28.00 Bottom Of Top Packer
Packer	5.00			4648.00	
Stubb	1.00			4649.00	
Perforations	5.00			4654.00	
Change Over Sub	1.00			4655.00	
Blank Spacing	93.00			4748.00	
Change Over Sub	1.00			4749.00	
Recorder	0.01	6668	Inside	4749.01	
Perforations	29.00			4778.01	
Recorder	0.01	11085	Outside	4778.02	
Bullnose	3.00			4781.02	133.02 Bottom Packers & Anchor
Total Tool Length:	161.02				



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FLUID SUMMARY

Hartman Oil Co Inc
12950 E 13th st
Wichita Ks 67230-1457
ATTN: John Parker

Finnup B#12
17-22s-33w Finney
Job Ticket: 20048 **DST#: 1**
Test Start: 2004.08.04 @ 08:56:05

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 26 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.98 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 2000.00 ppm		
Filter Cake: 2.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
405.00	SMGO 5% mud 40% gas 55% oil	1.992
495.00	MGO 7% mud 43% gas 50% oil	6.944
0.00	2110' GIP	0.000

Total Length: 900.00 ft Total Volume: 8.936 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

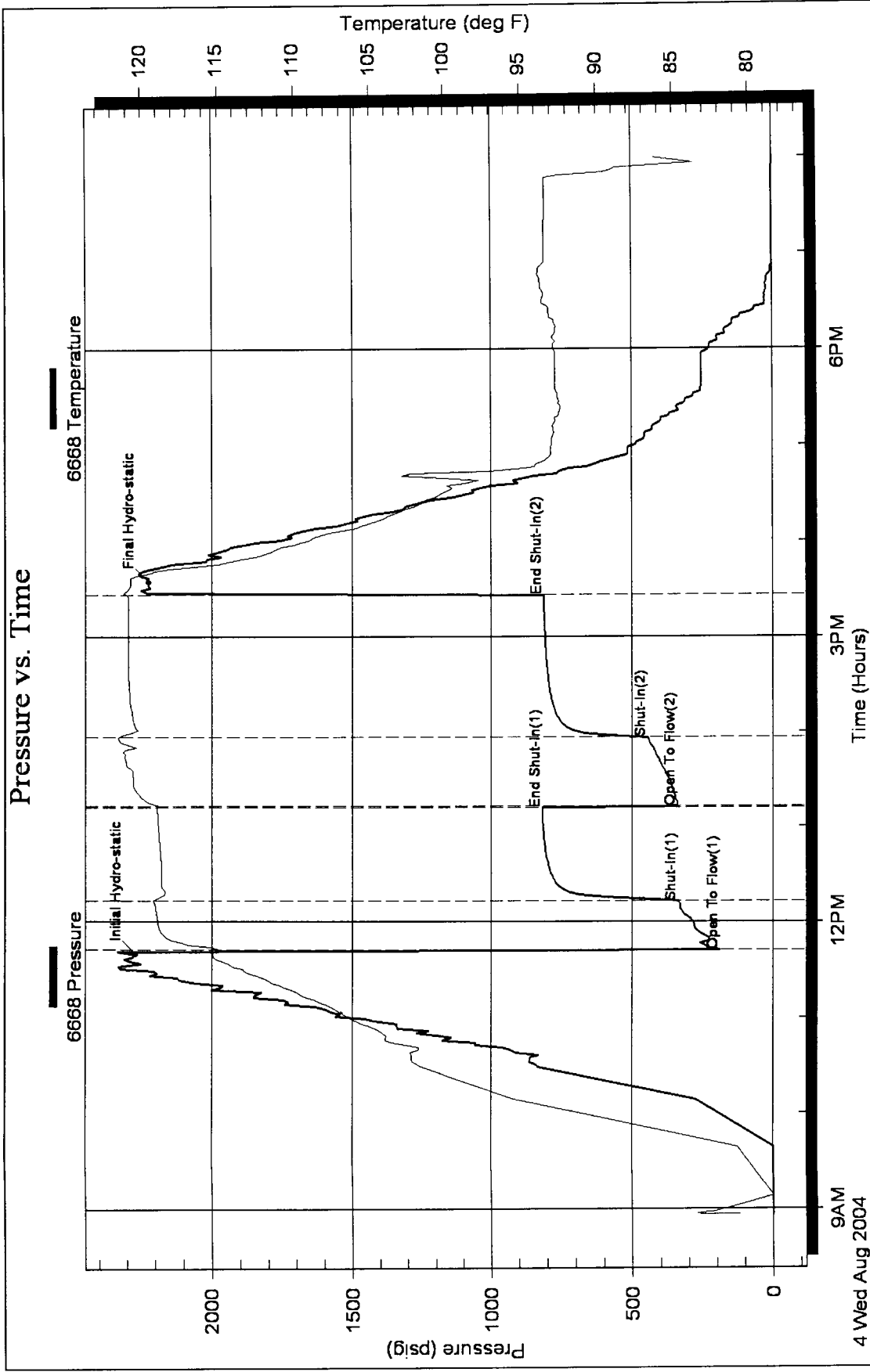
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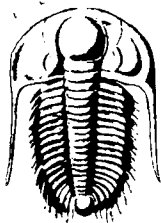
Inside

Hartman Oil Co Inc

17-22s-33w Finney

DST Test Number: 1





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

INV
6661

No 20048

05/03

Test Ticket

Well Name & No. Finnup B#12 Test No. 1 Date 8-4-04
 Company HARTMAN Oil Co Inc Zone Tested LOWER MORROW
 Address 12950 E. 13th ST WICHITA, Ks 67230-1457 Elevation 2892 KB 2892 GL
 Co. Rep / Geo. Wes Hansen Cont. Aber rig 8 Est. Ft. of Pay - Por. - %
 Location: Sec. 17 Twp. 22^s Rge. 33^w Co. Finney State Ks
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 4648-4781 Initial Str Wt./Lbs. 70000 Unseated Str Wt./Lbs. 72000
 Anchor Length 133 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 95000
 Top Packer Depth 4643 Tool Weight 2500
 Bottom Packer Depth 4648 Hole Size 7 7/8" - Rubber Size 6 3/4" -
 Total Depth 4781 Wt. Pipe Run - Drill Collar Run 405
 Mud Wt. 9 LCM 1[#] Vis. 54 WL 8 Drill Pipe Size 4 1/2 XH Ft. Run 4245

Blow Description IFP - WEAK TO STRONG IN 10 min
FFP - WEAK TO STRONG IN 3 min
ISIP - WEAK SURFACE BLOW BACK
FSTP - WEAK SURFACE BLOW BACK

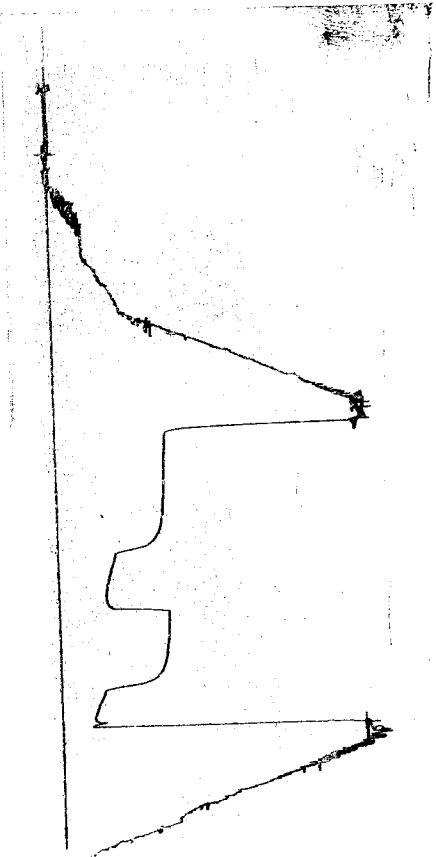
Recovery - Total Feet 900 GIP 2110 Ft. in DC 405 Ft. in DP 495
 Rec. 405 Feet of SMGO 40 %gas 55 %oil %water 5 %mud
 Rec. 495 Feet of MGO 43 %gas 50 %oil %water 7 %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 BHT 120 °F Gravity 26 °API D @ 60 °F Corrected Gravity 26 °API
 RW - @ - °F Chlorides - ppm Recovery _____ Chlorides 2000 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	2270	PSI	6668	1000
(B) First Initial Flow Pressure	188	PSI	4749	Elec. Rec. ✓
(C) First Final Flow Pressure	336	PSI	13534	Jars ✓ 200
(D) Initial Shut-In Pressure	817	PSI	4778	Safety Jt. ✓ 50
(E) Second Initial Flow Pressure	340	PSI	-	Circ Sub _____
(F) Second Final Flow Pressure	443	PSI	-	Sampler _____
(G) Final Shut-In Pressure	811	PSI	Initial Opening 30	Straddle _____
(Q) Final Hydrostatic Mud	2222	PSI	Initial Shut-In 60	Ext. Packer _____
			Final Flow 45	Shale Packer _____
			Final Shut-In 90	Mileage ✓ 60 RT 51

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Approved By Wesley Hansen T-Started 0856 T-Open 1140 T-Pulled 1525 T-Off 1910
 Our Representative Ray Schwager THANK Sub Total: 1301 Std. By 1hr 30 Other _____ Total: 1331

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



1333
OSTR
HARTMAN