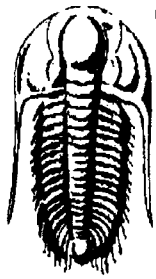


TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **R P Nixon Operations Inc**

207 W 12th
Hays KS 67601

ATTN: Dan Nixon

21 12 17 Ellis KS

P Schmeidler # 5

Start Date: 2007.09.16 @ 08:35:59
End Date: 2007.09.16 @ 14:21:29
Job Ticket #: 28912 DST #: 1

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

R P Nixon Operations Inc

207 W 12th
Hays KS 67601

ATTN: Dan Nixon

P Schmeidler # 5

21 12 17 Ellis KS

Job Ticket: 28912 **DST#: 1**

Test Start: 2007.09.16 @ 08:35:59

GENERAL INFORMATION:

Formation: **C** **LKC**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 10:50:49
Time Test Ended: 14:21:29

Test Type: Conventional Bottom Hole
Tester: Dan Bangle
Unit No: 38

Interval: 3373.00 ft (KB) To 3430.00 ft (KB) (TVD)
Total Depth: 3430.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

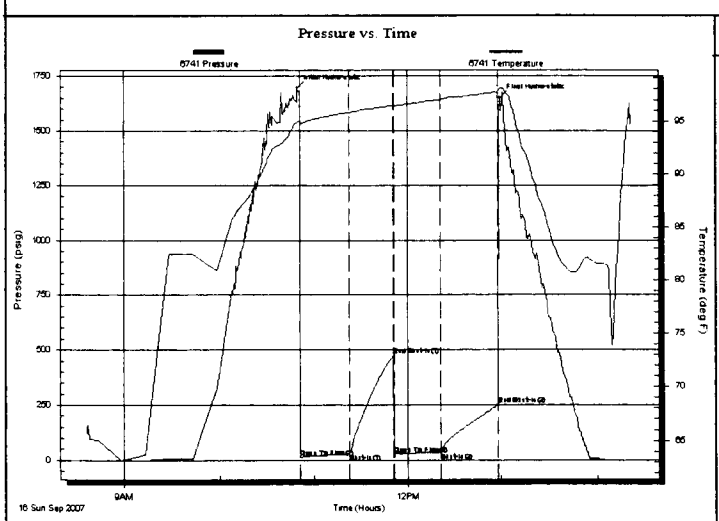
Reference Elevations: 2129.00 ft (KB)
2124.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6741 **Inside**

Press@RunDepth: 34.83 psig @ 3376.00 ft (KB)
Start Date: 2007.09.16 End Date: 2007.09.16
Start Time: 08:36:01 End Time: 14:21:29

Capacity: 7000.00 psig
Last Calib.: 2007.09.16
Time On Btm: 2007.09.16 @ 10:48:59
Time Off Btm: 2007.09.16 @ 12:59:14

TEST COMMENT: IF Weak 1/4 " blow - decreasing to w eak surface blow
FF No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1694.10	94.89	Initial Hydro-static
2	12.58	94.51	Open To Flow (1)
34	28.84	95.79	Shut-In(1)
62	473.15	96.44	End Shut-In(1)
63	27.24	96.20	Open To Flow (2)
93	34.83	96.99	Shut-In(2)
129	249.63	97.67	End Shut-In(2)
131	1651.19	98.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	DM	0.10

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

R P Nixon Operations Inc

207 W 12th
Hays KS 67601

ATTN: Dan Nixon

P Schmeidler # 5

21 12 17 Ellis KS

Job Ticket: 28912 **DST#: 1**

Test Start: 2007.09.16 @ 08:35:59

Tool Information

Drill Pipe:	Length:	3040.00 ft	Diameter:	3.80 inches	Volume:	42.64 bbl	Tool Weight:		2000.00 lb
Heavy Wt. Pipe:	Length:	316.00 ft	Diameter:	2.25 inches	Volume:	1.55 bbl	Weight set on Packer:		20000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:		45000.00 lb
					Total Volume:	44.19 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		4.00 ft					String Weight:	Initial	39000.00 lb
Depth to Top Packer:		3373.00 ft						Final	39000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		57.00 ft							
Tool Length:		78.00 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			3353.00		
Shut In Tool	5.00			3358.00		
Hydraulic tool	5.00			3363.00		
Packer	5.00			3368.00	21.00	Bottom Of Top Packer
Packer	5.00			3373.00		
Stubb	1.00			3374.00		
Perforations	1.00			3375.00		
Change Over Sub	1.00			3376.00		
Recorder	0.00	6741	Inside	3376.00		
Drill Pipe	31.00			3407.00		
Change Over Sub	1.00			3408.00		
Recorder	0.00	13254	Outside	3408.00		
Perforations	19.00			3427.00		
Bullnose	3.00			3430.00	57.00	Bottom Packers & Anchor
Total Tool Length:	**78.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

R P Nixon Operations Inc

207 W 12th
Hays KS 67601

ATTN: Dan Nixon

P Schmeidler # 5

21 12 17 Ellis KS

Job Ticket: 28912 **DST#: 1**

Test Start: 2007.09.16 @ 08:35:59

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:	54.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.20 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1200.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

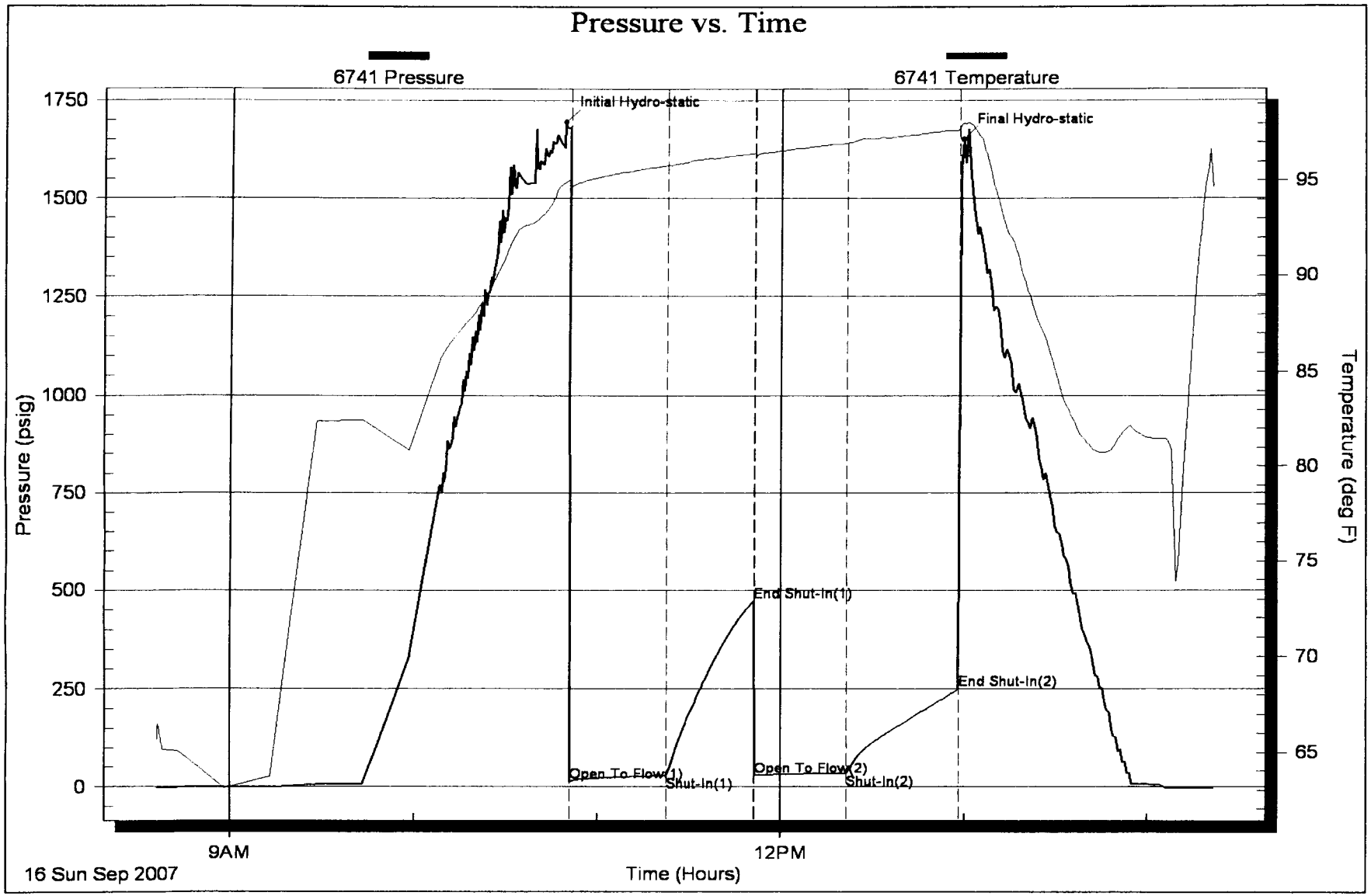
Length ft	Description	Volume bbl
20.00	DM	0.098

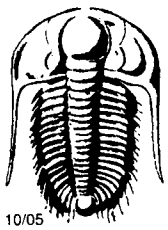
Total Length: 20.00 ft Total Volume: 0.098 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6741 Pressure
6741 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 (psig)
Temperature (deg F)
1750
1500
1250
1000
750
500
250
0
95
90
85
80
75
70
65
9AM
12PM
16 Sun Sep 2007
Time (Hours)



10/05

TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

10646

28912

RECEIVED
SEP 17 2007

BY: _____

Test Ticket

Well Name & No. P. Schmeidler #5 Test No. 1 Date 9-16-07

Company R.P. Nixon Operation Inc Zone Tested C LKC

Address 207 W. 12th ST. Hays Ks 67601 Elevation 2129 KB 2134 GL

Co. Rep / Geo. Brad Hutchison Rig Shields

Location: Sec. 21 Twp. 12 Rge. 17 Co. Ellis State Ks

Comment: _____ Release date / time: _____

Interval Tested 3323 — 3430 Initial Str Wt./Lbs. 39,000 Unseated Str Wt/Lbs. 39,000

Anchor Length 57 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 45,000

Top Packer Depth 3368 Tool Weight 2000

Bottom Packer Depth 3373 Hole Size 7 7/8" Rubber Size 6 3/4"

Total Depth 3430 Wt. Pipe Run 316 Drill Collar Run

Mud Wt. 8.6 LCM _____ Vis. 54 WL 7.2 Drill Pipe Size 4.5 XH Ft. Run 304

Blow Description I.F. Weak ¼" blow - decreasing To weak surface blow

F.F. No blow

Recovery - Total Feet 2C GIP _____ Ft. in BC 20 Ft. in DP _____

Rec. 2C Feet of D.M. %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

Rec. _____ Feet of _____ %gas %oil %water %mud

BHT 97 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 1200 ppm System

	AK-1	Alpine				
(A) Initital Hydrostatic Mud		1694 PSI	Recorder No.	6741	Test	1100
(B) First Initial Flow Pressure		12 PSI	(depth)	3376	Jars	
(C) First Final Flow Pressure		28 PSI	Recorder No.	13254	Safety Jt.	
(D) Initial Shut-In Pressure		473 PSI	(depth)	3408	Circ Sub	
(E) Second Initial Flow Pressure		27 PSI	Recorder No.		Sampler	
(F) Second Final Flow Pressure		34 PSI	(depth)		Straddle	
(G) Final Shut-In Pressure		249 PSI	**Initial Opening**	30	Ext. Packer	
(Q) Final Hydrostatic Mud		1651 PSI	Initial Shut-In	30	Shale Packer	
			Final Flow	30	Ruined Packer	
			Final Shut-In	30	Mileage 28 RT	35
			T-On Location	07:00	Sub Total:	1135
			T-Started	08:35	Std. By	
			T-Open	10:50	Acc. Chg:	
			T-Pulled	12:50	Other:	
			T-Out	14:21	Total:	

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 _____

Our Representative Dave Rangel

7.25

CHART PAGE

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