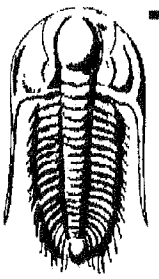
15-141-20390 12-10s-15w



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Brungardt Oil**

PO Box 871
Russell, KS 67665

ATTN: Brad H.

12 10 15 Osborne KS

Meyer-Kellerman A #1

Start Date: 2008.09.25 @ 05:12:54
End Date: 2008.09.25 @ 11:17:54
Job Ticket #: 32771 DST #: 1

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Brungardt Oil

PO Box 871
Russell, KS 67665

ATTN: Brad H.

Meyer-Kellerman A #1

12 10 15 Osborne KS

Job Ticket: 32771 **DST#: 1**

Test Start: 2008.09.25 @ 05:12:54

GENERAL INFORMATION:

Formation: **LKC "C-D"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 06:40:24
Time Test Ended: 11:17:54

Test Type: Conventional Bottom Hole
Tester: Kyle Kinderknecht
Unit No: 31

Interval: 3108.00 ft (KB) To 3160.00 ft (KB) (TVD)
Total Depth: 3160.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

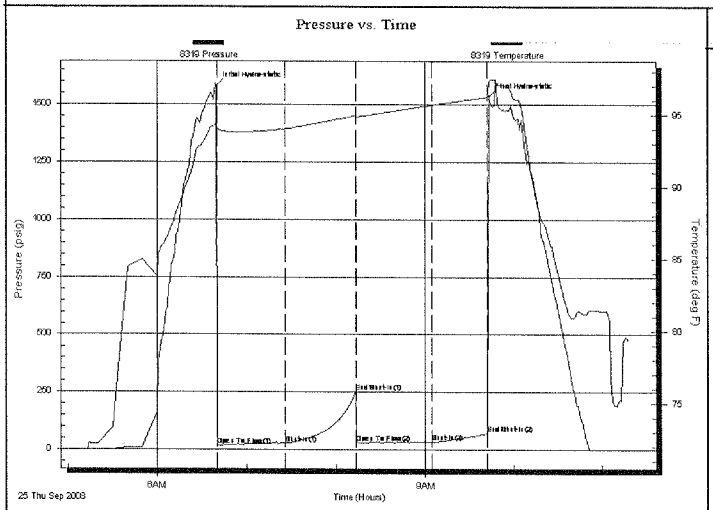
Reference Elevations: 1878.00 ft (KB)
1873.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8319 **Inside**

Press@RunDepth: 34.15 psig @ 3114.00 ft (KB)
Start Date: 2008.09.25 End Date: 2008.09.25
Start Time: 05:12:59 End Time: 11:17:53

Capacity: 7000.00 psig
Last Calib.: 2008.09.25
Time On Btm: 2008.09.25 @ 06:39:54
Time Off Btm: 2008.09.25 @ 09:43:24

TEST COMMENT: IF 1" in 5 min maintained throughout
FF Surface



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1579.34	94.39	Initial Hydro-static
1	16.59	93.97	Open To Flow (1)
46	28.13	94.04	Shut-In(1)
93	250.63	94.96	End Shut-In(1)
94	32.23	94.90	Open To Flow (2)
145	34.15	95.70	Shut-In(2)
182	72.13	96.26	End Shut-In(2)
184	1534.78	97.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	Mud Scum of Oil	0.28
0.00	60' GIP	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brungardt Oil

PO Box 871
Russell, KS 67665

ATTN: Brad H.

Meyer-Kellerman A #1

12 10 15 Osborne KS

Job Ticket: 32771 **DST#: 1**

Test Start: 2008.09.25 @ 05:12:54

Tool Information

Drill Pipe:	Length:	2796.00 ft	Diameter:	3.82 inches	Volume:	39.63 bbl	Tool Weight:	1500.00 lb
Heavy Wt. Pipe:	Length:	305.00 ft	Diameter:	2.70 inches	Volume:	2.16 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:	40000.00 lb
					Total Volume:	41.79 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		13.00 ft					String Weight: Initial	32000.00 lb
Depth to Top Packer:		3108.00 ft					Final	32000.00 lb
Depth to Bottom Packer:		ft						
Interval betw een Packers:		52.00 ft						
Tool Length:		72.00 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			3089.00		
Shut In Tool	5.00			3094.00		
Hydraulic tool	5.00			3099.00		
Packer	4.00			3103.00	20.00	Bottom Of Top Packer
Packer	5.00			3108.00		
Stubb	1.00			3109.00		
Perforations	4.00			3113.00		
Change Over Sub	1.00			3114.00		
Recorder	0.00	8319	Inside	3114.00		
Recorder	0.00	8369	Inside	3114.00		
Blank Spacing	32.00			3146.00		
Change Over Sub	1.00			3147.00		
Perforations	10.00			3157.00		
Bullnose	3.00			3160.00	52.00	Bottom Packers & Anchor
Total Tool Length:	**72.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Brungardt Oil

PO Box 871
Russell, KS 67665

ATTN: Brad H.

Meyer-Kellerman A #1

12 10 15 Osborne KS

Job Ticket: 32771 **DST#: 1**

Test Start: 2008.09.25 @ 05:12:54

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:	45.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	9.98 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3300.00 ppm				
Filter Cake:	inches				

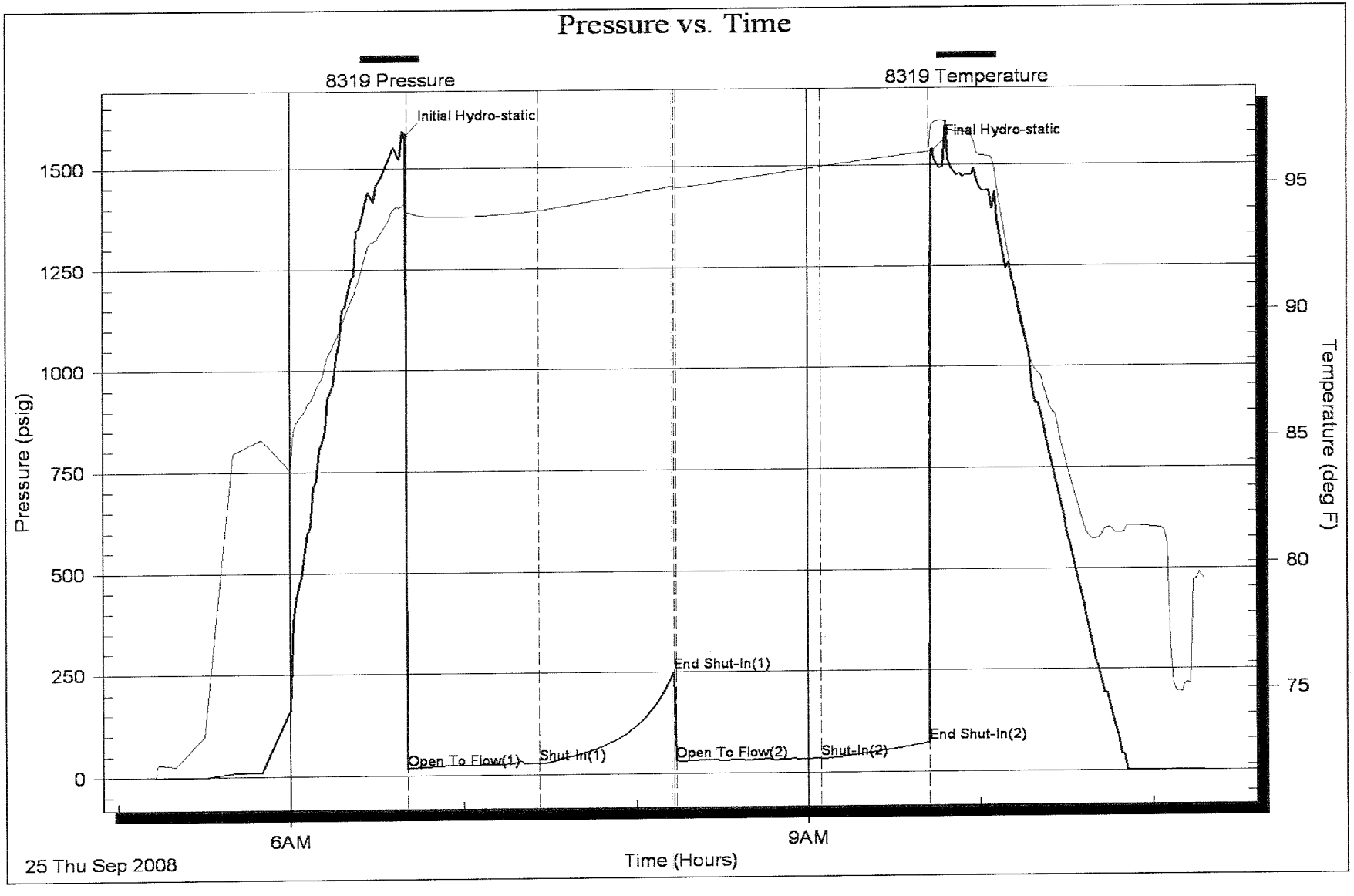
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	Mud Scum of Oil	0.283
0.00	60' GIP	0.000

Total Length: 40.00 ft Total Volume: 0.283 bbl

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


Pressure vs. Time
8319 Pressure
8319 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)
1500
1250
1000
750
500
250
0
95
90
85
80
75
Pressure (psig)
Temperature (deg F)
6AM
9AM
Time (Hours)
25 Thu Sep 2008

15-141-20390 12-10s-15w 32771

TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

RECEIVED
SEP 26 2008
BY:

10/05

Test Ticket

12-10S-15W

Well Name & No. Meyer Kellerman A #2 Test No. 1 Date 9-25-08

Company Brungardt Oil Zone Tested LKC "C-D"

Address P.O. Box 871 Russell, KS 67665 Elevation 1878 KB 1873 GL

Co. Rep / Geo. Brad H Rig Shields

Location: Sec. 12 Twp. 10S Rge. 15W Co. Osborne State KS

Comment: Release date / time:

Interval Tested 3108-3160 Initial Str Wt./Lbs. 32000 Unseated Str Wt/Lbs. 32000

Anchor Length 52 Wt. Set Lbs 25000 Wt. Pulled Loose/Lbs. 40000

Top Packer Depth 3103 Tool Weight 1500

Bottom Packer Depth 3108 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓

Total Depth Wt. Pipe Run ~~1745~~ 1305 Drill Collar Run —

Mud Wt. 8.7 LCM Vis. 45 WL 10.0 Drill Pipe Size 4½ XH Ft. Run ~~2895~~ 2796

Description IF - 1" In 5 min

F - Surface

Recovery - Total Feet 40' GIP 60' Ft. in DC — Ft. in DP

40' Feet of Mud Summary Oil %gas %oil %water %mud

Feet of %gas %oil %water %mud

Feet of %gas %oil %water %mud

Feet of %gas %oil %water %mud

Feet of %gas %oil %water %mud

96 °F Gravity °API D @ °F Corrected Gravity °API

@ °F Chlorides ppm Recovery Chlorides 3300 ppm System

	AK-1	Alpine				
Initial Hydrostatic Mud		1591	PSI	Recorder No.	8319	Test 1200
First Initial Flow Pressure		16	PSI	(depth)	3114	Jars
First Final Flow Pressure		28	PSI	Recorder No.	8369	Safety Jt.
Initial Shut-In Pressure		250	PSI	(depth)	3114	Circ Sub
Second Initial Flow Pressure		32	PSI	Recorder No.		Sampler
Second Final Flow Pressure		34	PSI	(depth)		Straddle
Final Shut-In Pressure		72	PSI	**Initial Opening**	45	Ext. Packer
Final Hydrostatic Mud		1534	PSI	Initial Shut-In	45	Shale Packer
				Final Flow	45	Ruined Packer
				Final Shut-In	45	Mileage 55 x 2 (110) 165
				T-On Location	4:30	Sub Total: 1365
				T-Started	5:15	Std. By —
				T-Open	6:42	Acc. Chg:
				T-Pulled	9:42	Other:
				T-Out	11:20	Total: 1305

RECEIVED
KANSAS CORPORATION COMMISSION
OCT 10 2008
CONSERVATION DIVISION
WICHITA, KS

TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF 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 ANY STATEMENTS OR OPINION CONCERNING THE RESULTS OF THE 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

Trilobite Representative Kyle K.