



DRILL STEM TEST REPORT

Prepared For: **Lario Oil & Gas Co**

301 S Market St
Wichita KS 67202

ATTN: Vern Schrag

14 28 5W Kingman KS

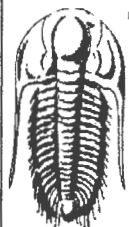
Hirt "A" # 1-14

Start Date: 2006.04.24 @ 19:22:55

End Date: 2006.04.25 @ 02:04:55

Job Ticket #: 24054 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

Lario Oil & Gas Co

301 S Market St
Wichita KS 67202

ATTN: Vern Schrag

Hirt "A" # 1-14

14 28 5W Kingman KS

Job Ticket: 24054

DST#: 1

Test Start: 2006.04.24 @ 19:22:55

GENERAL INFORMATION:

Formation: **KC/Swope**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:54:55

Time Test Ended: 02:04:55

Test Type: Conventional Bottom Hole

Tester: Gerald Adams

Unit No: 19

Interval: **3331.00 ft (KB) To 3341.00 ft (KB) (TVD)**

Total Depth: 3341.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1397.00 ft (KB)

1389.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: **6625** Inside

Press@RunDepth: 200.70 psig @ 3332.00 ft (KB)

Start Date: 2006.04.24

End Date: 2006.04.25

Start Time: 19:22:56

End Time: 02:04:55

Capacity: 7000.00 psig

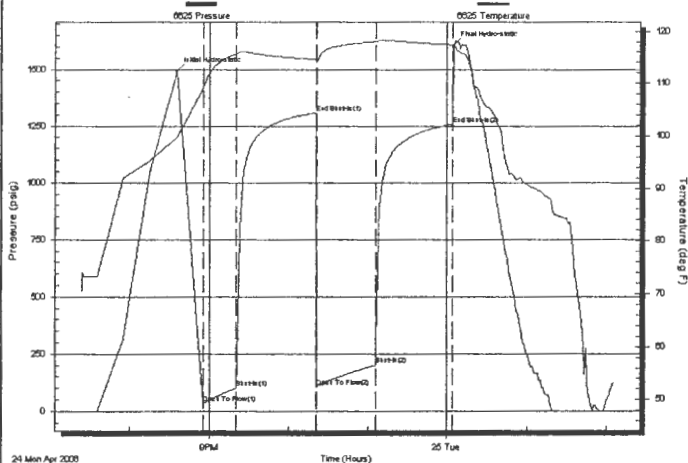
Last Calib.: 2006.04.25

Time On Btm: 2006.04.24 @ 20:34:55

Time Off Btm: 2006.04.25 @ 00:04:55

TEST COMMENT: IF Strong blow BOB in 3'
ISI Weak blow Built to 2 in
FF Strong blow BOB in 7"
FSI Weak blow Built to 1 in

Pressure vs. Time



PRESSURE SUMMARY

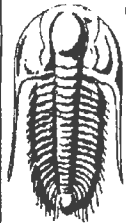
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1494.43	99.86	Initial Hydro-static
20	32.63	109.17	Open To Flow (1)
45	99.47	115.67	Shut-In(1)
106	1308.96	114.63	End Shut-In(1)
106	106.90	114.15	Open To Flow (2)
151	200.70	118.03	Shut-In(2)
209	1258.87	117.43	End Shut-In(2)
210	1607.33	117.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	HO&GCWM 5%G 55%O 20%W 20%M	1.74
356.00	MSW 90%W 10%M	4.99
0.00	570' GIP	0.00
0.00		0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Lario Oil & Gas Co

Hirt "A" # 1-14

301 S Market St
Wichita KS 67202

14 28 5W Kingman KS

Job Ticket: 24054

DST#: 1

ATTN: Vern Schrag

Test Start: 2006.04.24 @ 19:22:55

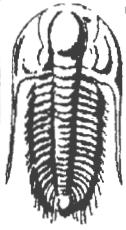
Tool Information

Drill Pipe:	Length: 3329.00 ft	Diameter: 3.80 inches	Volume: 46.70 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 46.70 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	3331.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	10.00 ft			
Tool Length:	38.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3308.00	
Hydraulic tool	5.00			3313.00	
Jars	5.00			3318.00	
Safety Joint	3.00			3321.00	
Packer	5.00			3326.00	28.00 Bottom Of Top Packer
Packer	5.00			3331.00	
Stubb	1.00			3332.00	
Recorder	0.00	6625	Inside	3332.00	
Perforations	6.00			3338.00	
Recorder	0.00	11019	Outside	3338.00	
Bullnose	3.00			3341.00	10.00 Bottom Packers & Anchor

Total Tool Length: 38.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Co

Hirt "A" # 1-14

301 S Market St
Wichita KS 67202

14 28 5W Kingman KS

Job Ticket: 24054

DST#: 1

ATTN: Vern Schrag

Test Start: 2006.04.24 @ 19:22:55

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:

50000 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.37 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
124.00	HO&GCWM 5%G 55%O 20%W 20%M	1.739
356.00	MSW 90%W 10%M	4.994
0.00	570' GIP	0.000
0.00		0.000

Total Length: 480.00 ft

Total Volume: 6.733 bbl

Num Fluid Samples: 0

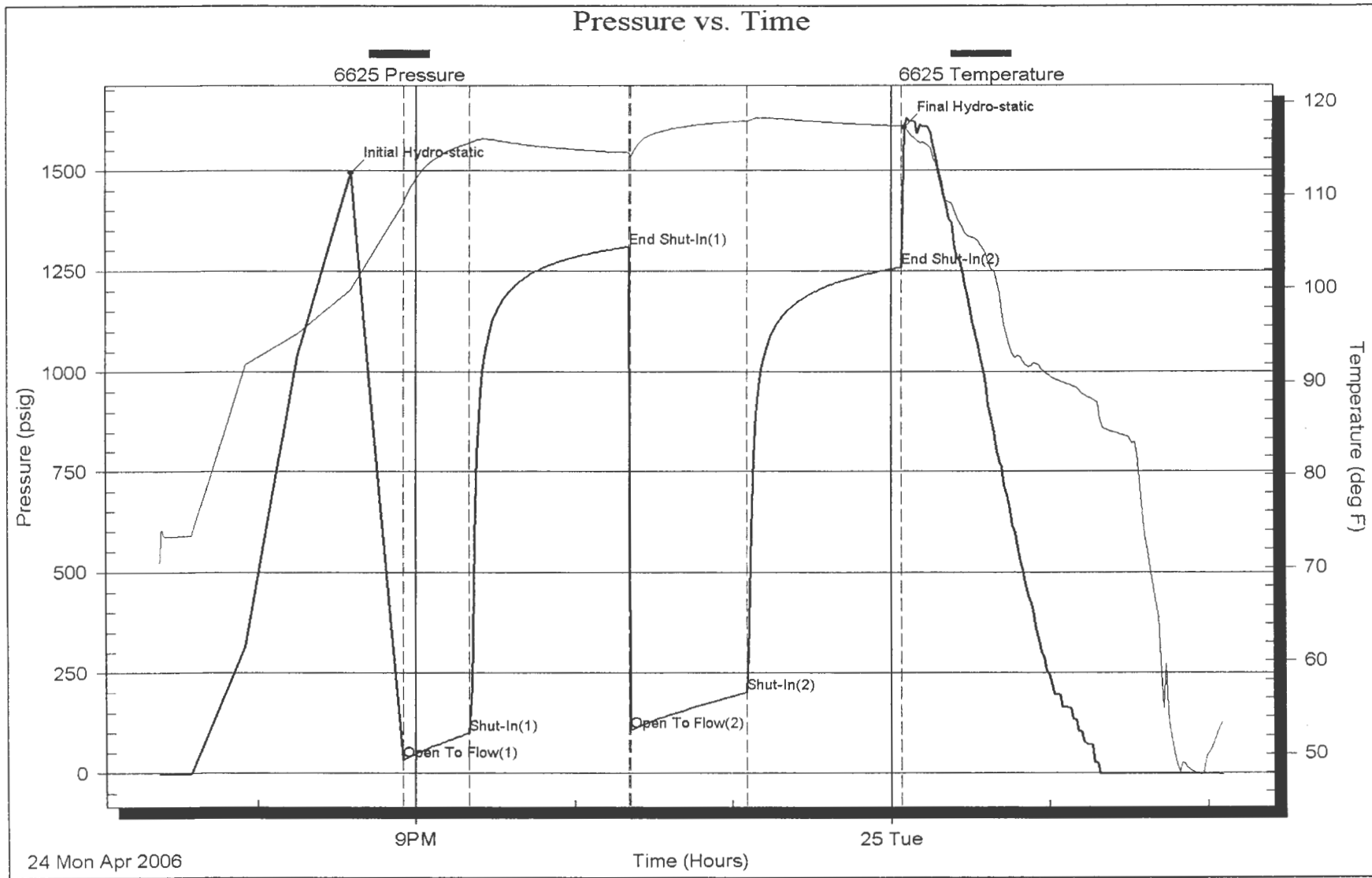
Num Gas Bombs: 0

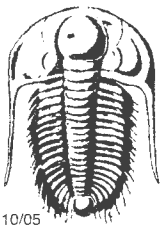
Serial #: none

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 24054

Test Ticket

Well Name & No. Hirt "A" #1-14 Test No. 1 Date 4-24-06
 Company Lario Oil & Gas Zone Tested KC/Swope
 Address 301 S. Market Wichita, Ks. 67202 Elevation 1397 KB 1389 GL
 Co. Rep / Geo. Vern Schrag Rig Duke Drg. #2
 Location: Sec. 14 Twp. 28S Rge. 5W Co. Kingman State Ks.
 Comment: _____ Release date / time: _____

Interval Tested 3331-3341 Initial Str Wt./Lbs. 54,000 Unseated Str Wt/Lbs. 56,000
 Anchor Length 10 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 60,000
 Top Packer Depth 3326 Tool Weight 2100
 Bottom Packer Depth 3331 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 3341 Wt. Pipe Run 0 Drill Collar Run 0
 Mud Wt. 9.3 LCM 0 Vis. 46 WL 10.4 Drill Pipe Size 4 1/2" Ft. Run 3329

Blow Description IF: Strong blow. B.O.B. in 3 mins.
ISI: Weak blow. Built to 2"
FF: Strong blow. B.O.B. in 7 mins.
FSI: Weak blow. Built to 1"

Recovery - Total Feet 480 GIP 570' Ft. in DC 0 Ft. in DP 480
 Rec. 124 Feet of H0+GC Wm 5%gas 55%oil 20%water 20%mud
 Rec. 356 Feet of Muddy Salt Water %gas %oil 90%water 10%mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 BHT 117 °F Gravity N/C °API D @ _____ °F Corrected Gravity _____ °API
 RW -21 @ 52 °F Chlorides 50,000 ppm Recovery _____ Chlorides 4,000 ppm System

	AK-1	Alpine	PSI	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>1494</u>		<u>6625</u>	✓
(B) First Initial Flow Pressure		<u>33</u>		<u>3332</u>	Jars ✓
(C) First Final Flow Pressure		<u>99</u>		<u>11019</u>	Safety Jt. ✓
(D) Initial Shut-In Pressure		<u>1309</u>		<u>3338</u>	Circ Sub _____
(E) Second Initial Flow Pressure		<u>107</u>		_____	Sampler _____
(F) Second Final Flow Pressure		<u>201</u>		_____	Straddle _____
(G) Final Shut-In Pressure		<u>1259</u>	PSI	<u>Initial Opening</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud		<u>1631</u>	PSI	<u>60</u>	Shale Packer _____

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 Vern Schrag Thank You. T-Open 2054
 Our Representative Gerald Adams T-Pulled 2405
 T-Out 0204

Final Flow 45 Ruined Packer _____
 Final Shut-In 60 Mileage ✓ 100
 T-On Location 1845 Sub Total: _____
 T-Started 1922 Std. By _____
 T-Open 2054 Acc. Chg: _____
 T-Pulled 2405 Other: _____
 T-Out 0204 Total: _____

CHART PAGE

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

