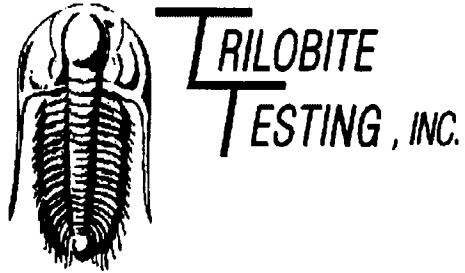


15-095-21949

29-28s-5w



DRILL STEM TEST REPORT

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

301 S. Market
Wichita, KS 67202

ATTN: Vernon Schrag

29-28S-5W Kingman

Davis #1-29

Start Date: 2005.04.24 @ 08:10:19

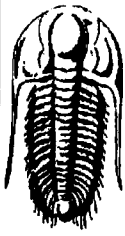
End Date: 2005.04.24 @ 17:00:19

Job Ticket #: 19997 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.

Davis #1-29

301 S. Market
Wichita, KS 67202

29-28S-5W Kingman

Job Ticket: 19997

DST#: 1

ATTN: Vernon Schrag

Test Start: 2005.04.24 @ 08:10:19

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:26:49

Time Test Ended: 17:00:19

Test Type: Conventional Bottom Hole

Tester: Darren L. Amerine

Unit No: 30

Interval: **3913.00 ft (KB) To 3934.00 ft (KB) (TVD)**

Reference Elevations: 1466.00 ft (KB)

Total Depth: 3934.00 ft (KB) (TVD)

1456.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6672

Inside

Press@RunDepth: 81.05 psig @ 3914.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2005.04.24

End Date: 2005.04.24

Last Calib.: 2005.04.24

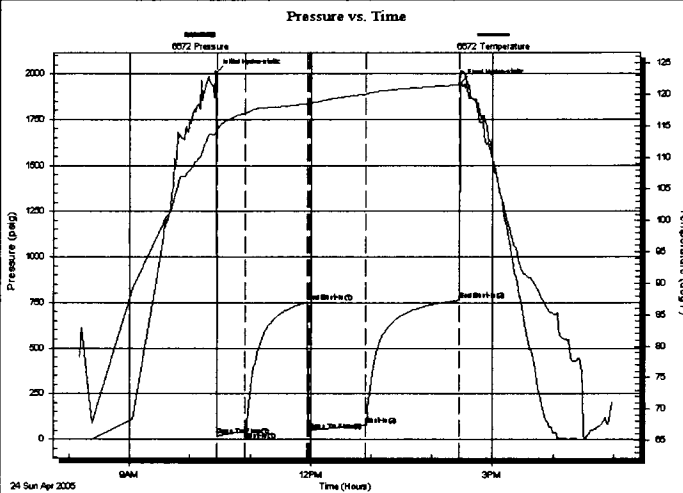
Start Time: 08:10:20

End Time: 17:00:19

Time On Btm: 2005.04.24 @ 10:25:34

Time Off Btm: 2005.04.24 @ 14:27:49

TEST COMMENT: F: Strong blow b.o.b in 30 sec.
 IS: Bled down for 5 mins. no blow back.
 FF: Strong blow b.o.b in 10 sec. GTS in 25 mins. gauge gas.
 FS: Bled down for 20 mins. no blow back.



PRESSURE SUMMARY

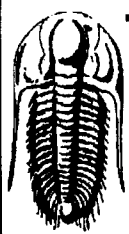
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2006.43	113.82	Initial Hydro-static
2	19.81	114.40	Open To Flow (1)
29	41.75	117.03	Shut-In(1)
91	752.09	118.46	End Shut-In(1)
93	46.85	118.47	Open To Flow (2)
150	81.05	120.05	Shut-In(2)
242	763.21	121.52	End Shut-In(2)
243	1946.62	123.81	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	3760' of gip	0.00
60.00	SO&GCMW 6% gas 10% oil 60% water	240.84 d
90.00	HG&SOCMW 4% gas 8% oil 50% water	381.26 d

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	1.50	5.95
Last Gas Rate	0.13	2.60	6.36
Max. Gas Rate	0.13	2.60	6.36



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Lario Oil & Gas Co.

Davis #1-29

301 S. Market
Wichita, KS 67202

29-28S-5W Kingman

Job Ticket: 19997

DST#: 1

ATTN: Vernon Schrag

Test Start: 2005.04.24 @ 08:10:19

Tool Information

Drill Pipe:	Length: 3910.00 ft	Diameter: 3.80 inches	Volume: 54.85 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: 55000.00 lb
			<u>Total Volume: 54.85 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3913.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	21.00 ft			
Tool Length:	50.00 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			3885.00	
Shut In Tool	5.00			3890.00	
Hydraulic tool	5.00			3895.00	
Jars	5.00			3900.00	
Safety Joint	3.00			3903.00	
Packer	5.00			3908.00	29.00 Bottom Of Top Packer
Packer	5.00			3913.00	
Stubb	1.00			3914.00	
Recorder	0.00	6672	Inside	3914.00	
Anchor	17.00			3931.00	
Recorder	0.00	13266	Outside	3931.00	
Bullnose	3.00			3934.00	21.00 Bottom Packers & Anchor

Total Tool Length: 50.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Co.

Davis #1-29

301 S. Market
Wichita, KS 67202

29-28S-5W Kingman

Job Ticket: 19997

DST#: 1

ATTN: Vernon Schrag

Test Start: 2005.04.24 @ 08:10:19

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 10.00 lb/gal
Viscosity: 40.00 sec/qt
Water Loss: 12.37 in³
Resistivity: 1.00 ohm.m
Salinity: 5000.00 ppm
Filter Cake: 0.32 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: 85000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	3760' of gip	0.000
60.00	SO&GCMV 6% gas 10% oil 60% water 24% ml	0.842
90.00	HG&SOCMV 4% gas 8% oil 50% water 38% ml	1.262

Total Length: 150.00 ft Total Volume: 2.104 bbl

Num Fluid Samples: 1 Num Gas Bombs: 0 Serial #:

Laboratory Name: Caraway Laboratory Location: Liberal, KS

Recovery Comments: .09@74'degrees=85000



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Lario Oil & Gas Co.

Davis #1-29

301 S. Market
Wichita, KS 67202

29-28S-5W Kingman

Job Ticket: 19997

DST#: 1

ATTN: Vernon Schrag

Test Start: 2005.04.24 @ 08:10:19

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
2	30	0.13	1.50	5.95
2	30	0.13	1.50	5.95
2	30	0.13	1.50	5.95
2	35	0.13	1.50	5.95
2	40	0.13	1.80	6.06
2	45	0.13	2.00	6.14
2	50	0.13	2.30	6.25
2	55	0.13	2.60	6.36

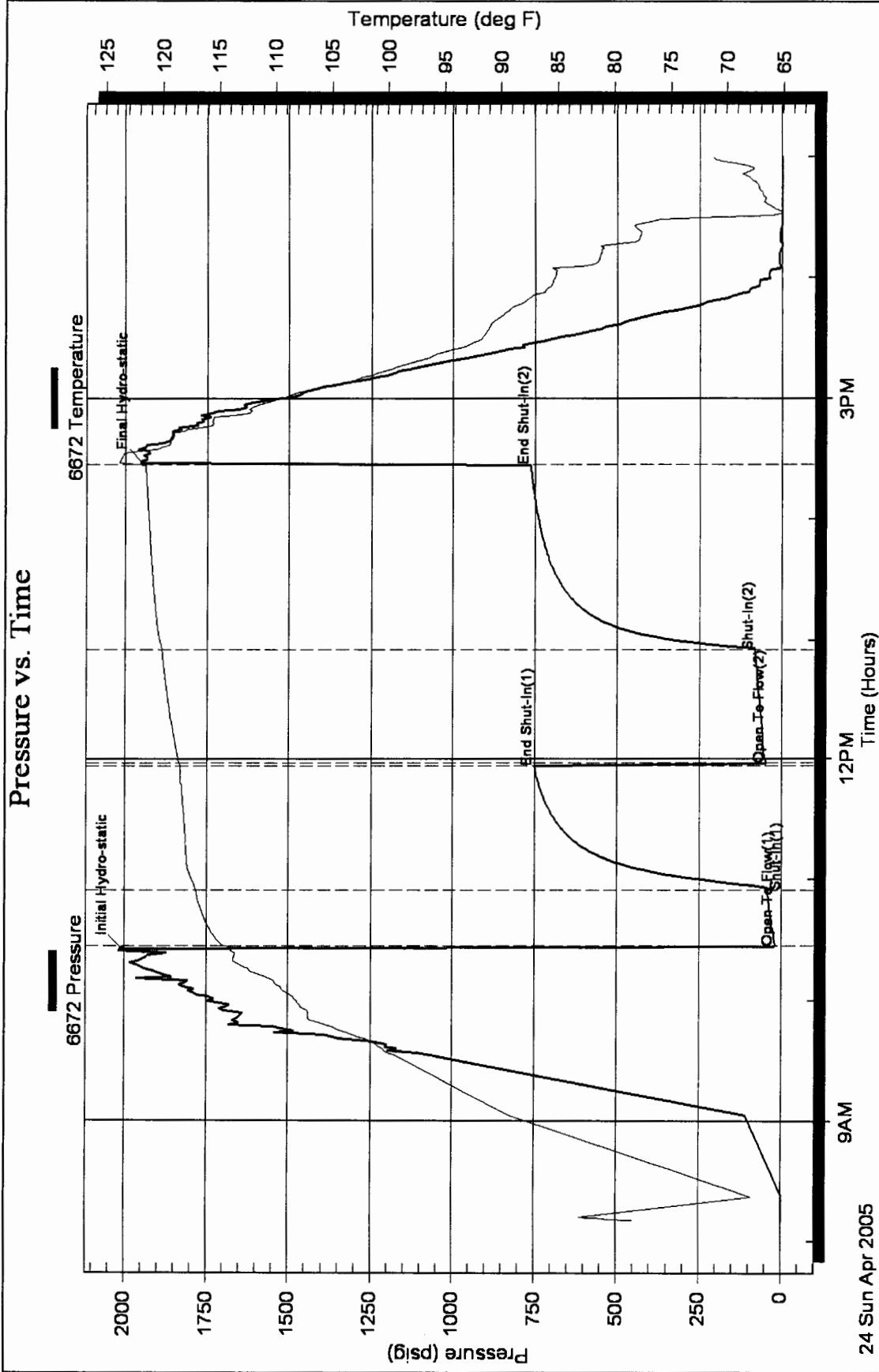
Serial #: 6672

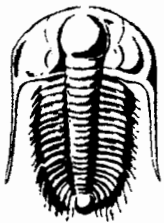
Inside

Lario Oil & Gas Co.

29-28S-5W Kingman

DST Test Number: 1





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

INV 7421

No 19997

05/03

Test Ticket

Well Name & No. Davis #1-29 Test No. #1 Date 4/24/05
 Company Lario Oil & Gas Co, 301 S market Zone Tested MISS.
 Address Wichita, KS 67202 Elevation 1466 KB 1456 GL
 Co. Rep / Geo. Vernon Schrag Cont. Val Energy #3 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 29 Twp. 28^s Rge. 5^w Co. Kingman, Co. State KS
 No. of Copies 5 Disbtribution Sheet (Y, N) - Turnkey (Y, N) - Evaluation (Y, N) -

Interval Tested 3913' - 3934' Initial Str Wt./Lbs. 48,000 Unseated Str Wt./Lbs. 48,000
 Anchor Length 21' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 55,000
 Top Packer Depth 3908' Tool Weight 2100
 Bottom Packer Depth 3913' Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 3934' Wt. Pipe Run N/A Drill Collar Run N/A
 Mud Wt. 9.6 LCM -0 - Vis. 40 WL 12.4 Drill Pipe Size 4 1/2 X H Ft. Run 3910'

Blow Description IF: Strong blow b.o.b in 30 sec.
ISI: Bled down for 5 mins. No blow back.
EF: Strong blow b.o.b in 10 sec. GTS in 25 mins.
BT: Bled down for 20 mins. No blow back.

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>150'</u>	<u>3760'</u>	<u>N/A</u>	<u>150'</u>
Rec. <u>90'</u>	Feet of <u>4165 SAC MW</u>	<u>4</u> %gas <u>8</u> %oil <u>50</u> %water <u>38</u> %mud	
Rec. <u>60</u>	Feet of <u>5065 COW</u>	<u>6</u> %gas <u>10</u> %oil <u>60</u> %water <u>24</u> %mud	
Rec. <u>3760'</u>	Feet of <u>GTP</u>	%gas %oil %water %mud	
Rec. _____	Feet of _____	%gas %oil %water %mud	
Rec. _____	Feet of _____	%gas %oil %water %mud	

BHT 122° °F Gravity TSTM °API D @ _____ °F Corrected Gravity _____ °API
 RW .09 @ 74° °F Chlorides 85,000 ppm Recovery _____ Chlorides 5,000 ppm System

AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>2006</u> PSI	<u>6672</u>	<u>950</u> ✓
(B) First Initial Flow Pressure	<u>20</u> PSI	(depth) <u>3914'</u>	Elec. Rec. <u>✓</u>
(C) First Final Flow Pressure	<u>42</u> PSI	Recorder No. <u>13266</u>	Jars <u>✓ 200</u>
(D) Initial Shut-In Pressure	<u>752</u> PSI	(depth) <u>3931'</u>	Safety Jt. <u>✓ 50</u>
(E) Second Initial Flow Pressure	<u>47</u> PSI	Recorder No. _____	Circ Sub _____
(F) Second Final Flow Pressure	<u>81</u> PSI	(depth) _____	Sampler _____
(G) Final Shut-In Pressure	<u>763</u> PSI	Initial Opening <u>30</u>	Straddle _____
(Q) Final Hydrostatic Mud	<u>1947</u> PSI	Initial Shut-In <u>60</u>	Ext. Packer _____
		Final Flow <u>60</u>	Shale Packer _____
		Final Shut-In <u>90</u>	Mileage <u>58</u> <u>58</u>
		T-On Location <u>0700</u>	Sub Total: <u>1258</u>
		T-Started <u>0815</u>	Std. By <u>2h</u> <u>60</u>
		T-Open <u>1030</u>	Other <u>Ac charge</u> <u>1318</u>
		T-Pulled <u>1436</u>	Total: <u>150</u>
		T-Out <u>1700</u>	<u>#1468</u>

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 Vernon C Schrag
 Our Representative Darren Sommer

CHART PAGE

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

