



DRILL STEM TEST REPORT

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

301 S Market St
Wichita KS 67202

ATTN: Vem Schrag

17 28S 5W Kingman KS

Dewey 2-17

Start Date: 2006.06.21 @ 03:58:51

End Date: 2006.06.21 @ 11:39:21

Job Ticket #: 24896 DST #: 1

Lario Oil & Gas Co

Dewey 2-17

17 28S 5W Kingman KS

DST # 1

Mississippi

2006.06.21

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Lario Oil & Gas Co

Dewey 2-17

301 S Market St
Wichita KS 67202

17 28S 5W Kingman KS

Job Ticket: 24896

DST#: 1

ATTN: Vern Schrag

Test Start: 2006.06.21 @ 03:58:51

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 3770.00 ft | Diameter: 3.80 inches | Volume: 52.88 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: 62000.00 lb |
| | | | <u>Total Volume: 52.88 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 4.00 ft | | | String Weight: Initial 54000.00 lb |
| Depth to Top Packer: | 3795.00 ft | | | Final 55000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 38.00 ft | | | |
| Tool Length: | 67.00 ft | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | |

Tool Comments:

Tool Description

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|------------------|-------------|------------|----------|------------|-------------------------------|
| Change Over Sub | 1.00 | | | 3767.00 | |
| Shut In Tool | 5.00 | | | 3772.00 | |
| Hydraulic tool | 5.00 | | | 3777.00 | |
| Jars | 5.00 | | | 3782.00 | |
| Safety Joint | 3.00 | | | 3785.00 | |
| Packer | 5.00 | | | 3790.00 | 29.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 3795.00 | |
| Stubb | 1.00 | | | 3796.00 | |
| Recorder | 0.00 | 6668 | inside | 3796.00 | |
| Perforations | 2.00 | | | 3798.00 | |
| Change Over Sub | 1.00 | | | 3799.00 | |
| Blank Spacing | 30.00 | | | 3829.00 | |
| Change Over Sub | 1.00 | | | 3830.00 | |
| Recorder | 0.00 | 13769 | Outside | 3830.00 | |
| Bullnose | 3.00 | | | 3833.00 | 38.00 Bottom Packers & Anchor |

Total Tool Length: 67.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Co

Dewey 2-17

301 S Market St
Wichita KS 67202

17 28S 5W Kingman KS

Job Ticket: 24896 DST#: 1

ATTN: Vern Schrag

Test Start: 2006.06.21 @ 03:58:51

Mud and Cushion Information

| | | | |
|-----------------------------------|----------------------------|-----------------|---------|
| Mud Type: Gel Chem | Cushion Type: | Oil API: | deg API |
| Mud Weight: 10.00 lb/gal | Cushion Length: ft | Water Salinity: | ppm |
| Viscosity: 43.00 sec/qt | Cushion Volume: bbl | | |
| Water Loss: 12.38 in ³ | Gas Cushion Type: | | |
| Resistivity: 0.00 ohm.m | Gas Cushion Pressure: psig | | |
| Salinity: 5000.00 ppm | | | |
| Filter Cake: 0.20 inches | | | |

Recovery Information

Recovery Table

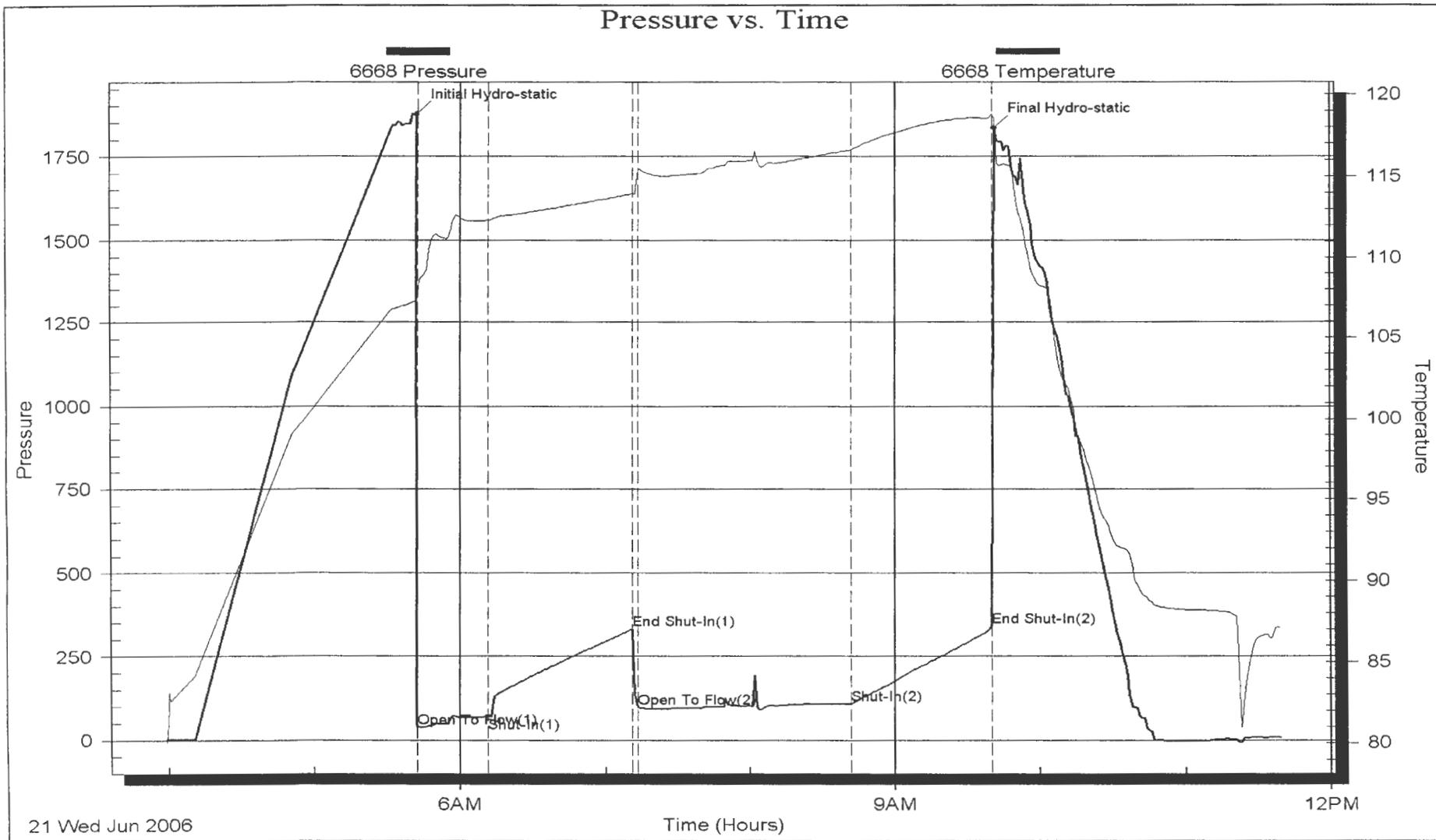
| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 240.00 | DRLGM 100%M | 3.367 |
| 0.00 | | 0.000 |

Total Length: 240.00 ft Total Volume: 3.367 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:



21 Wed Jun 2006



DRILL STEM TEST REPORT

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

301 S Market St
Wichita KS 67202

ATTN: Vern Schrag

17 28S 5W Kingman KS

Dewey 2-17

Start Date: 2006.06.21 @ 17:51:03

End Date: 2006.06.22 @ 01:41:18

Job Ticket #: 24897 DST #: 2

Lario Oil & Gas Co

Dewey 2-17

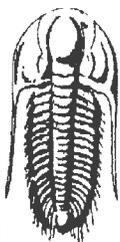
17 28S 5W Kingman KS

DST # 2

Mississippi

2006.06.21

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Co

Dewey 2-17

301 S Market St
Wichita KS 67202

17 28S 5W Kingman KS

Job Ticket: 24897

DST#: 2

ATTN: Vern Schrag

Test Start: 2006.06.21 @ 17:51:03

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 19:39:18

Time Test Ended: 01:41:18

Test Type: **Conventional Bottom Hole**

Tester: **Les Adams**

Unit No: **30**

Interval: **3797.00 ft (KB) To 3850.00 ft (KB) (TVD)**

Reference Elevations: **1398.00 ft (KB)**

Total Depth: **3833.00 ft (KB) (TVD)**

1390.00 ft (CF)

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

KB to GR/CF: 8.00 ft

Serial #: 6668 **Inside**

Press@RunDepth: **73.37 psig @ 3798.00 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2006.06.21**

End Date: **2006.06.22**

Last Calib.: **2006.06.22**

Start Time: **17:51:04**

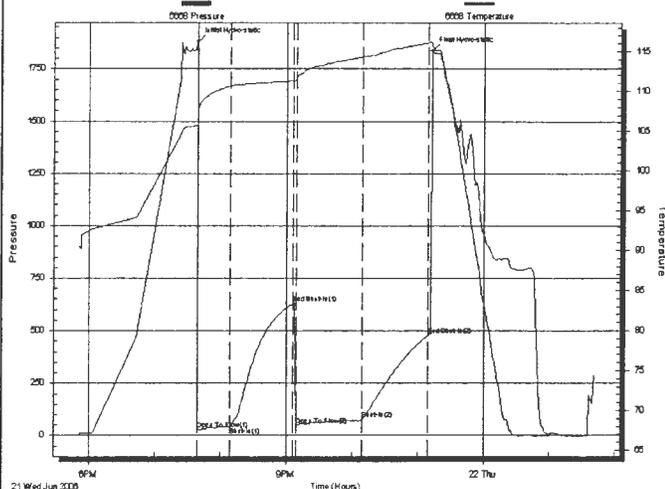
End Time: **01:41:18**

Time On Btm: **2006.06.21 @ 19:38:33**

Time Off Btm: **2006.06.21 @ 23:12:03**

TEST COMMENT: IF Strong blow BOB in 2 1/2 min
ISI Weak blow Dead in 6 min
FF Strong blow BOB in 1 min
FSI Weak blow Dead in 4 min

Pressure vs. Time



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1879.43 | 105.67 | Initial Hydro-static |
| 1 | 26.03 | 107.67 | Open To Flow (1) |
| 31 | 43.47 | 110.62 | Shut-In(1) |
| 88 | 627.93 | 111.27 | End Shut-In(1) |
| 91 | 47.21 | 111.47 | Open To Flow (2) |
| 151 | 73.37 | 114.29 | Shut-In(2) |
| 211 | 478.62 | 116.13 | End Shut-In(2) |
| 214 | 1836.75 | 116.07 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 122.00 | DRLGM 100%M | 1.71 |
| 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

Dewey 2-17

301 S Market St
Wichita KS 67202

17 28S 5W Kingman KS

Job Ticket: 24897

DST#: 2

ATTN: Vern Schrag

Test Start: 2006.06.21 @ 17:51:03

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 3798.00 ft | Diameter: 3.80 inches | Volume: 53.28 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: 53.28 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 30.00 ft | | | String Weight: Initial 54000.00 lb |
| Depth to Top Packer: | 3797.00 ft | | | Final 55000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 53.00 ft | | | |
| Tool Length: | 82.00 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 | | | 3769.00 | |
| Shut In Tool | 5.00 | | | 3774.00 | |
| Hydraulic tool | 5.00 | | | 3779.00 | |
| Jars | 5.00 | | | 3784.00 | |
| Safety Joint | 3.00 | | | 3787.00 | |
| Packer | 5.00 | | | 3792.00 | 29.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 3797.00 | |
| Stubb | 1.00 | | | 3798.00 | |
| Recorder | 0.00 | 6668 | Inside | 3798.00 | |
| Perforations | 12.00 | | | 3810.00 | |
| Change Over Sub | 1.00 | | | 3811.00 | |
| Blank Spacing | 31.00 | | | 3842.00 | |
| Change Over Sub | 1.00 | | | 3843.00 | |
| Perforations | 4.00 | | | 3847.00 | |
| Recorder | 0.00 | 13769 | Outside | 3847.00 | |
| Bullnose | 3.00 | | | 3850.00 | 53.00 Bottom Packers & Anchor |
| Total Tool Length: | 82.00 | | | | |



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Dewey 2-17

301 S Market St
Wichita KS 67202

17 28S 5W Kingman KS

Job Ticket: 24897

DST#: 2

ATTN: Vern Schrag

Test Start: 2006.06.21 @ 17:51:03

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: 38.00 sec/qt | Cushion Volume: bbl | | |
| Water Loss: 11.98 in ³ | Gas Cushion Type: | | |
| Resistivity: 0.00 ohm.m | Gas Cushion Pressure: psig | | |
| Salinity: 3000.00 ppm | | | |
| Filter Cake: 0.20 inches | | | |

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 122.00 | DRLGM 100%M | 1.711 |
| 0.00 | | 0.000 |

Total Length: 122.00 ft Total Volume: 1.711 bbl

Num Fluid Samples: 0

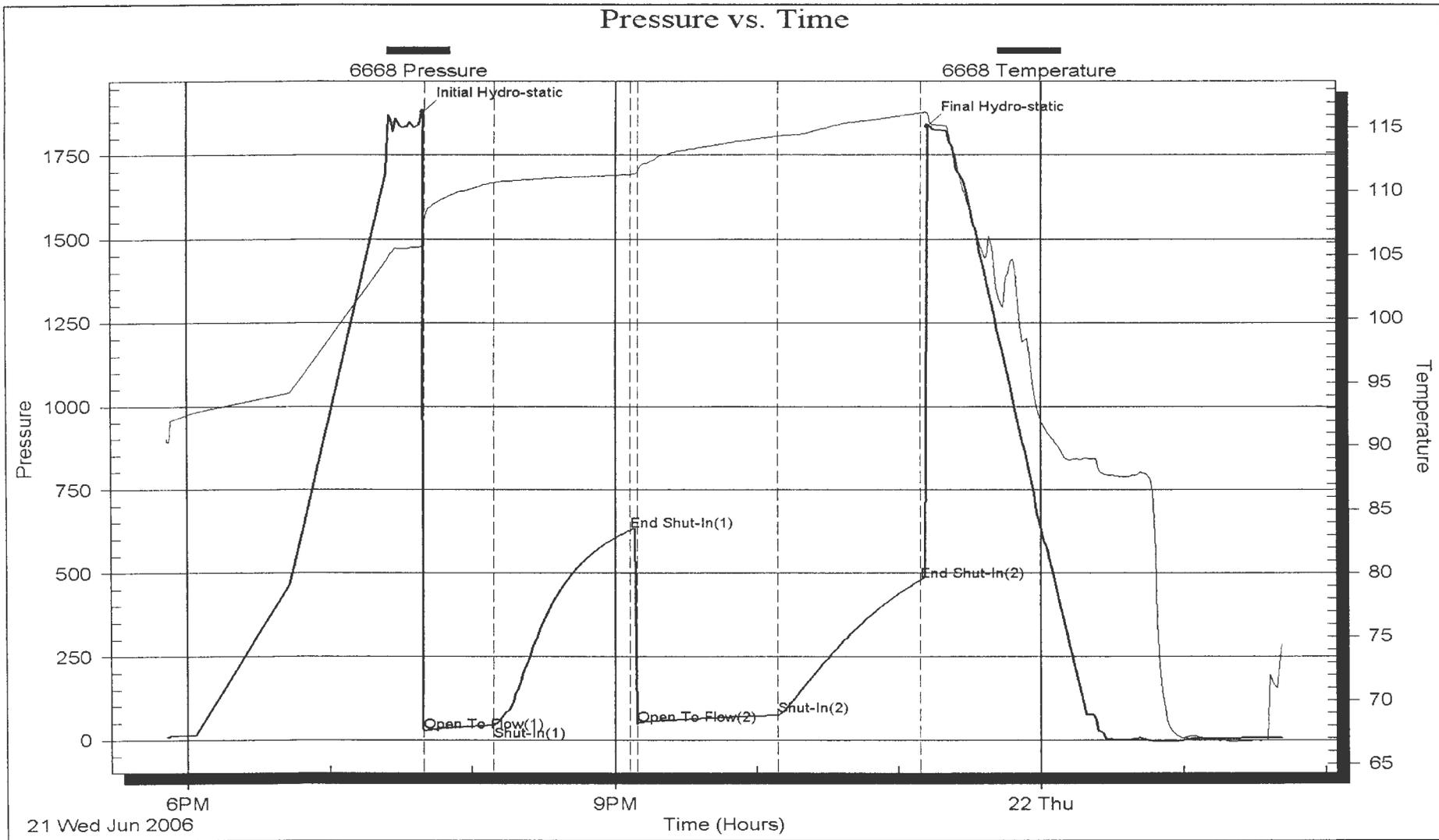
Num Gas Bombs: 0

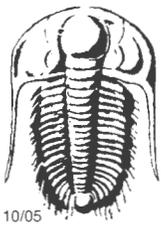
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 24896

Test Ticket

Well Name & No. Lario Oil & Gas Dewey 2-17 Test No. 1 Date 6/21/06
 Company Lario Oil & Gas Zone Tested Mississippi
 Address 301 S. Market St. Wichita, KS 67202 Elevation 1398 KB 1390 GL
 Co. Rep / Geo. Vern Schrag Rig Dulce Rig #2
 Location: Sec. 17 Twp. 28 S. Rge. 5 W. Co. Kingman State KS.
 Comment: _____ Release date / time: _____

Interval Tested 3795 - 3833 Initial Str Wt./Lbs. 54000 Unseated Str Wt./Lbs. 55000
 Anchor Length 38' Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 62000
 Top Packer Depth 3790 Tool Weight 2100
 Bottom Packer Depth 3795 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 3833 Wt. Pipe Run 0 Drill Collar Run 0
 Mud Wt. 9.5 LCM 0 Vis. 43 WL 12.4 Drill Pipe Size 4 1/2 Ft. Run 3770

Blow Description IF: Fair blow. 5" in bucket
ISI: No blow.
EF: Fair blow. 1" decreased to 1/2" Then increased to B.O. Bat about 50 min.
FSI: No blow.

| | | | |
|----------------------------------|-----------------------|---------------------------|---|
| Recovery - Total Feet <u>240</u> | GIP <u>0</u> | Ft. in DC <u>0</u> | Ft. in DP <u>240'</u> |
| Rec. <u>240'</u> | Feet of <u>DR LGM</u> | %gas | %oil |
| Rec. _____ | Feet of _____ | %gas | %oil |
| Rec. _____ | Feet of _____ | %gas | %oil |
| Rec. _____ | Feet of _____ | %gas | %oil |
| Rec. _____ | Feet of _____ | %gas | %oil |
| BHT <u>119</u> | °F Gravity _____ | °API D @ _____ | °F Corrected Gravity _____ |
| RW _____ | @ _____ °F | Chlorides <u>5000</u> ppm | Recovery _____ Chlorides <u>5000</u> ppm System |

| | | | |
|----------------------------------|-----------------|---------------------------|-----------------------------|
| (A) Initial Hydrostatic Mud | <u>1875</u> PSI | Recorder No. <u>6668</u> | Test <u>✓ 1000.</u> |
| (B) First Initial Flow Pressure | <u>39</u> PSI | (depth) <u>3796</u> | Jars <u>✓ 250</u> |
| (C) First Final Flow Pressure | <u>69</u> PSI | Recorder No. <u>13769</u> | Safety Jt. <u>✓ 75</u> |
| (D) Initial Shut-In Pressure | <u>331</u> PSI | (depth) <u>3830</u> | Circ Sub _____ |
| (E) Second Initial Flow Pressure | <u>98</u> PSI | Recorder No. _____ | Sampler _____ |
| (F) Second Final Flow Pressure | <u>108</u> PSI | (depth) _____ | Straddle _____ |
| (G) Final Shut-In Pressure | <u>340</u> PSI | Initial Opening <u>30</u> | Ext. Packer _____ |
| (Q) Final Hydrostatic Mud | <u>1834</u> PSI | Initial Shut-In <u>60</u> | Shale Packer _____ |
| | | Final Flow <u>90</u> | Ruined Packer _____ |
| | | Final Shut-In <u>60</u> | Mileage <u>135 ✓ 168.15</u> |

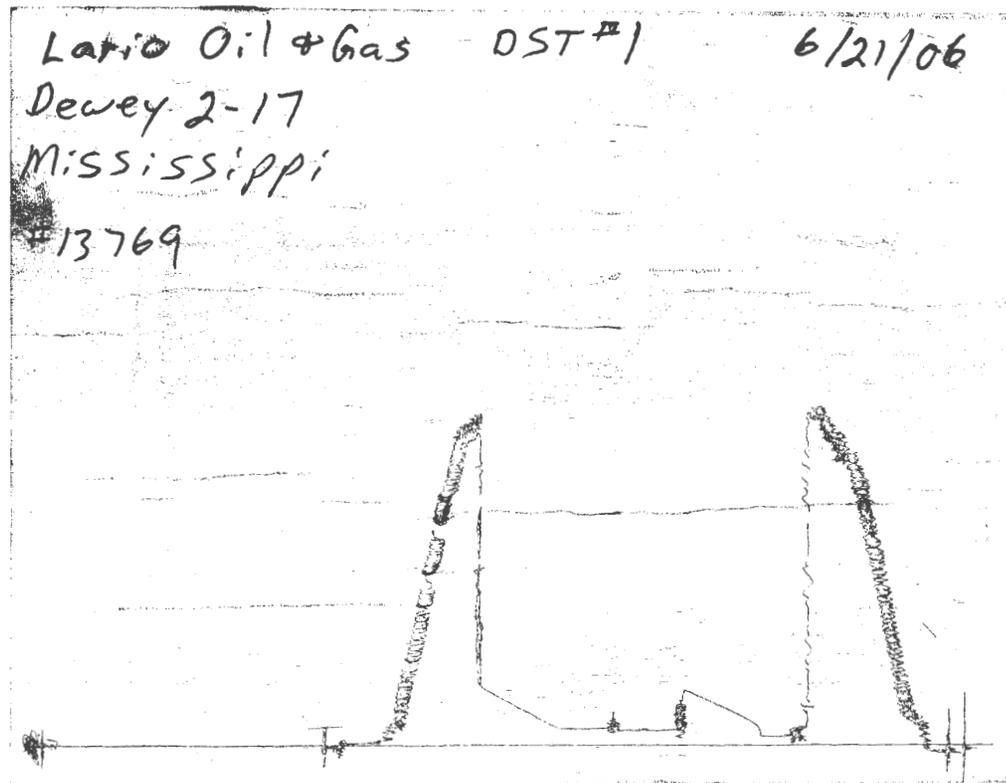
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

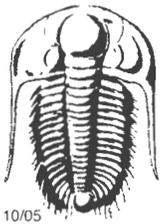
Approved By Vern C Schrag
 Our Representative Leo A Adams Jr.

| | | | |
|---------------|--------------|------------|----------------|
| T-On Location | <u>03:15</u> | Sub Total: | <u>1493.75</u> |
| T-Started | <u>03:58</u> | Std. By | <u>12.50</u> |
| T-Open | <u>05:42</u> | Acc. Chg: | _____ |
| T-Pulled | <u>09:41</u> | Other: | _____ |
| T-Out | <u>11:39</u> | Total: | <u>1506.25</u> |

CHART PAGE

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





TRILOBITE TESTING INC.

No 24897

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Well Name & No. Dewey 2-17 Test No. #2 Date 6/21/06
 Company Lario Oil + Gas Zone Tested miss: ss: pp:
 Address 301 S. Main St. Wichita, KS, 67207 Elevation 1398 KB 1390 GL
 Co. Rep / Geo. Vern Schrag Rig Duke R. 9 #2
 Location: Sec. 17 Twp. 28s. Rge. 5w. Co. Kingman State KS
 Comment: _____ Release date / time: _____

Interval Tested 3797-3850 Initial Str Wt./Lbs. 54000 Unseated Str Wt./Lbs. 55000
 Anchor Length - 53 Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 60000
 Top Packer Depth 3792 Tool Weight 2100
 Bottom Packer Depth 3797 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3850 Wt. Pipe Run 0 Drill Collar Run 0
 Mud Wt. 9.3 LCM 0 Vis. 38 WL 12 Drill Pipe Size 4 1/2 Ft. Run 3798

Blow Description IF: Strong blow. B.O.B. in 2 1/2 mins.
ISI: Weak blow. Dead in 6 mins.
FF: Strong blow. B.O.B. in 1 min.
FSI: Weak blow. Dead in 4 mins.

Recovery - Total Feet 122' GIP _____ Ft. in DC 0 Ft. in DP 122
 Rec. 122' Feet of DR/GM %gas _____ %oil _____ %water 100 %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 116 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides 3000 ppm Recovery _____ Chlorides 3000 ppm System

| | AK-1 | Alpine | Recorder No. | Test |
|----------------------------------|-------------|--------|---------------------------|------------------------------|
| (A) Initial Hydrostatic Mud | <u>1880</u> | PSI | <u>6668</u> | <u>✓ 1000.</u> |
| (B) First Initial Flow Pressure | <u>26</u> | PSI | (depth) <u>3798</u> | Jars <u>✓ 250</u> |
| (C) First Final Flow Pressure | <u>43</u> | PSI | Recorder No. <u>13769</u> | Safety Jt. <u>✓ 75</u> |
| (D) Initial Shut-In Pressure | <u>628</u> | PSI | (depth) <u>3847</u> | Circ Sub _____ |
| (E) Second Initial Flow Pressure | <u>47</u> | PSI | Recorder No. _____ | Sampler _____ |
| (F) Second Final Flow Pressure | <u>73</u> | PSI | (depth) _____ | Straddle _____ |
| (G) Final Shut-In Pressure | <u>479</u> | PSI | Initial Opening <u>30</u> | Ext. Packer _____ |
| (Q) Final Hydrostatic Mud | <u>1837</u> | PSI | Initial Shut-In <u>60</u> | Shale Packer _____ |
| | | | Final Flow <u>60</u> | Ruined Packer _____ |
| | | | Final Shut-In <u>60</u> | Mileage <u>135 ✓ 1168.75</u> |

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Approved By Vern Schrag
 Our Representative Lee S. Adams

T-On Location 17:20
 T-Started 17:51
 T-Open 19:39
 T-Pulled 23:08
 T-Out 01:41
 Sub Total: 1493.75
 Std. By 25 12.50
 Acc. Chg: _____
 Other: _____
 Total: 1506.25

CHART PAGE

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

