



# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED  
MAR 26 2010

## Test Ticket

NO. 37023

14042

Well Name & No. Geistner #1-29 BY: \_\_\_\_\_ Test No. #1 Date 3-20-10  
 Company Hanson Engineering Elevation 2875 KB 2863 GL \_\_\_\_\_  
 Address 322 West St Rd 4 Chmitz Ks 67564  
 Co. Rep / Geo. Steve Davis Rig HID #2  
 Location: Sec. 29 Twp. R5 Rge. 2nd Co. Hans State Ks

Interval Tested 4190 4232 Zone Tested H  
 Anchor Length \_\_\_\_\_ Drill Pipe Run 4045' Mud Wt. 9.2  
 Top Packer Depth \_\_\_\_\_ Drill Collars Run 124' Vis 48  
 Bottom Packer Depth 4190 Wt. Pipe Run \_\_\_\_\_ WL 7.2  
 Total Depth 4232 Chlorides 2500 ppm System LCM #1

Blow Description Weak blow died in 7 min  
No return  
Weak blow died in 3 min.  
No return

| Rec       | Feet of    | %gas | %oil | %water     | %mud |
|-----------|------------|------|------|------------|------|
| <u>5'</u> | <u>mud</u> |      |      | <u>100</u> |      |
| 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 |

Rec Total 5' BHT 110° Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ ° F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 2077  Test 1150' T-On Location 21:05  
 (B) First Initial Flow 25  Jars 250' T-Started 22:10  
 (C) First Final Flow 30  Safety Joint 75' T-Open 00:30  
 (D) Initial Shut-In 10:34  Circ Sub w/c T-Pulled 02:45  
 (E) Second Initial Flow 31  Hourly Standby \_\_\_\_\_ T-Out \_\_\_\_\_  
 (F) Second Final Flow 38  Mileage 5.8 RT Comments \_\_\_\_\_  
 (G) Final Shut-In 10:22  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2013  Straddle \_\_\_\_\_

Initial Open 15  Shale Packer \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Initial Shut-In 30  Extra Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Final Flow 30  Extra Recorder \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Final Shut-In 60  Day Standby \_\_\_\_\_ Sub Total 0  
 Sub Total 1531' Total 1531'

Approved By \_\_\_\_\_ Our Representative [Signature]

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## Test Ticket

NO. 37024

Well Name & No. Gustner #1-29 Test No. #2 Date 3/20/10  
 Company Hanson Engineering Elevation 2875 KB 2865 GL  
 Address 92 West 5th Rd H. Okmoutz, Ks  
 Co. Rep / Geol Steve Davis Rig H.D. #2  
 Location: Sec. 29 Twp. 19S Rge. 2E Co. Lawe State Ks

Interval Tested 4272 4290 Zone Tested 5  
 Anchor Length 18 Drill Pipe Run 4140' Mud Wt. 9.2  
 Top Packer Depth 4267 Drill Collars Run 124' Vis 32  
 Bottom Packer Depth 4272 Wt. Pipe Run --- WL 8.0  
 Total Depth 4290 Chlorides 3100 ppm System LCM Ø  
 Blow Description 1/2" ent + blow  
No return  
1" ent + blow  
No return

| Rec        | Feet of    | %gas | %oil      | %water    | %mud |
|------------|------------|------|-----------|-----------|------|
| <u>90'</u> | <u>mcw</u> |      | <u>35</u> | <u>45</u> |      |
| Rec        | Feet of    | %gas | %oil      | %water    | %mud |
| Rec        | Feet of    | %gas | %oil      | %water    | %mud |
| Rec        | Feet of    | %gas | %oil      | %water    | %mud |

Rec Total 90' BHT 117° Gravity --- API RW 30 @ 50° F Chlorides 32000 ppm

|                                     |   |  |
|-------------------------------------|---|--|
| (A) Initial Hydrostatic <u>2129</u> | <input checked="" type="checkbox"/> Test <u>1150-</u>       | T-On Location <u>15:30</u>                   |
| (B) First Initial Flow <u>26</u>    | <input checked="" type="checkbox"/> Jars <u>250-</u>        | T-Started <u>16:30</u>                       |
| (C) First Final Flow <u>47</u>      | <input checked="" type="checkbox"/> Safety Joint <u>75'</u> | T-Open <u>18:05</u>                          |
| (D) Initial Shut-In <u>1129</u>     | <input checked="" type="checkbox"/> Circ Sub <u>N/C</u>     | T-Pulled <u>20:20</u>                        |
| (E) Second Initial Flow <u>49</u>   | <input type="checkbox"/> Hourly Standby                     | T-Out <u>22:35</u>                           |
| (F) Second Final Flow <u>82</u>     | <input checked="" type="checkbox"/> Mileage <u>3.0 RT</u>   | Comments _____                               |
| (G) Final Shut-In <u>1127</u>       | <input type="checkbox"/> Sampler                            | _____  |
| (H) Final Hydrostatic <u>2062</u>   | <input type="checkbox"/> Straddle                           | _____  |
|                                     | <input type="checkbox"/> Shale Packer                       | <input type="checkbox"/> Ruined Shale Packer |
|                                     | <input type="checkbox"/> Extra Packer                       | <input type="checkbox"/> Ruined Packer       |
|                                     | <input type="checkbox"/> Extra Recorder                     | <input type="checkbox"/> Extra Copies        |
|                                     | <input type="checkbox"/> Day Standby                        | Sub Total <u>Ø</u>                           |
|                                     | <input type="checkbox"/> Accessibility                      | Total <u>1531-</u>                           |
|                                     | Sub Total <u>1531-</u>                                      |  |

Initial Open 15  
 Initial Shut-In 30  
 Final Flow 30  
 Final Shut-In 60

Approved By Steve Davis Our Representative [Signature]

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## Test Ticket

NO. 37025

10/08

BY: \_\_\_\_\_

Well Name & No. Gerstner #1-29 Test No. #3 Date 3/21/10

Company Hanson Engineering Elevation 2875 KB 2865 GL \_\_\_\_\_

Address 562 West St Rd 4 Chmitz, KS 67561

Co. Rep / Geo. Lena Davis Rig H.P. #2

Location: Sec. 29 Twp. 19S Rge. 29W Co. Leaue State KS

Interval Tested 4347 4365 Zone Tested L

Anchor Length \_\_\_\_\_ Drill Pipe Run 4201' Mud Wt. 9.2

Top Packer Depth \_\_\_\_\_ Drill Collars Run 124' Vis 53

Bottom Packer Depth 4347 Wt. Pipe Run \_\_\_\_\_ WL 8.8

Total Depth 4365 Chlorides 3400 ppm System LCM #1

Blow Description Weak blow did not let pass  
No return  
No blow  
No return

| Rec | Feet of | %gas | %oil | %water | %mud |
|-----|---------|------|------|--------|------|
| 1'  | 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 |

Rec Total 1' BHT 111° Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ ° F Chlorides \_\_\_\_\_ ppm

- (A) Initial Hydrostatic 2166
- (B) First Initial Flow 23
- (C) First Final Flow 25
- (D) Initial Shut-In 32
- (E) Second Initial Flow 24
- (F) Second Final Flow 25
- (G) Final Shut-In 33
- (H) Final Hydrostatic 2084

- Test 1150'
- Jars 250'
- Safety Joint 75'
- Circ Sub w/c
- Hourly Standby \_\_\_\_\_
- Mileage 94RT
- Sampler \_\_\_\_\_
- Straddle \_\_\_\_\_
- Shale Packer \_\_\_\_\_
- Extra Packer \_\_\_\_\_
- Extra Recorder \_\_\_\_\_
- Day Standby \_\_\_\_\_
- Accessibility \_\_\_\_\_
- Sub Total 1531'

- T-On Location 09:50
- T-Started 10:40
- T-Open 12:25
- T-Pulled 13:55
- T-Out 15:55

Comments \_\_\_\_\_

Sub Total 8

Total 1531'

Initial Open 15

Initial Shut-In 30

Final Flow 15

Final Shut-In 30

Approved By J.A.O. Our Representative [Signature]

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RECEIVED  
MAR 26 2010

## Test Ticket

NO. 37776

BY:

Well Name & No. Geostner # 1-29 Test No. #4 Date 3/22/10  
 Company Louise Engineering Elevation 2875 KB 2865 GL  
 Address 562 West 5th Rd 4 Chautauk, KS 67564  
 Co. Rep / Geo. Steve Dotts Rig H.D. # 2  
 Location: Sec. 29 Twp. 19S Rge. 29W Co. lane State KS

Interval Tested 4398' - 4478' Zone Tested Altamont  
 Anchor Length 80' Drill Pipe Run 4257' Mud Wt. 9.3  
 Top Packer Depth 4393' Drill Collars Run 124' Vis 16  
 Bottom Packer Depth 4398' Wt. Pipe Run --- WL 8.0  
 Total Depth 4478' Chlorides 3000 ppm System LCM #1  
 Blow Description 1 1/4" in blow  
No return  
5 1/4" in blow  
No return

| Rec         | Feet of                                     | %gas | %oil        | %water  | %mud      |             |     |
|-------------|---|------|-------------|---------|-----------|-------------|-----|
| <u>150'</u> | <u>OCM</u>                                  |      | <u>20</u>   |         | <u>80</u> |             |     |
| Rec         | Feet of                                     | %gas | %oil        | %water  | %mud      |             |     |
| Rec         | Feet of <u>(180' very weak gas in pipe)</u> | %gas | %oil        | %water  | %mud      |             |     |
| Rec         | Feet of                                     | %gas | %oil        | %water  | %mud      |             |     |
| Rec         | Feet of                                     | %gas | %oil        | %water  | %mud      |             |     |
| Rec Total   | <u>150'</u>                                 | BHT  | <u>117'</u> | Gravity | API RW @  | F Chlorides | ppm |

(A) Initial Hydrostatic 2183  Test 1150 T-On Location 07:20  
 (B) First Initial Flow 27  Jars 250 T-Started 08:25  
 (C) First Final Flow 51  Safety Joint 72 T-Open 10:00  
 (D) Initial Shut-In 593  Circ Sub N/C T-Pulled 13:00  
 (E) Second Initial Flow 59  Hourly Standby \_\_\_\_\_ T-Out 15:05  
 (F) Second Final Flow 85  Mileage 56 RT Comments \_\_\_\_\_  
 (G) Final Shut-In 692  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2077  Straddle \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Open 15  Day Standby \_\_\_\_\_ Sub Total 8  
 Initial Shut-In 30  Accessibility \_\_\_\_\_ Total 1531'  
 Final Flow 45 Sub Total 1531'  
 Final Shut-In 90

Approved By \_\_\_\_\_

Our Representative

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## RECEIVED Test Ticket

MAR 26 2010

NO. 37777

10/08

BY: \_\_\_\_\_

Well Name & No. Geistner #1-29 Test No. #5 Date 3-23-10

Company Harrison Engineering Elevation 2875 KB 2865' GL

Address 562 West St Rd 4 Chmitz, Ks 67564

Co. Rep / Geo. Steve Davis Rig H.D. #2

Location: Sec. 29 Twp. 19S Rge. 2E Co. Harrison State Ks

Interval Tested 4525 4583 Zone Tested Merrick Station, Ft. Scott

Anchor Length \_\_\_\_\_ Drill Pipe Run 4379' Mud Wt. 9.4

Top Packer Depth \_\_\_\_\_ Drill Collars Run 124' Vis 31

Bottom Packer Depth 4525 Wt. Pipe Run \_\_\_\_\_ WL 7.2

Total Depth 4583 Chlorides 3000 ppm System LCM #1

Blow Description 1/4" w + blow

No return

1/4" w + blow

No return

| Rec                  | Feet of                            | %gas          | %oil         | %water     | %mud                |
|----------------------|------------------------------------|---------------|--------------|------------|---------------------|
| <u>40'</u>           | <u>mud</u>                         |               |              |            | <u>100%</u>         |
| Rec                  | Feet of                            | %gas          | %oil         | %water     | %mud                |
| Rec                  | Feet of <u>(oil spots in tool)</u> | %gas          | %oil         | %water     | %mud                |
| Rec                  | Feet of                            | %gas          | %oil         | %water     | %mud                |
| Rec                  | Feet of                            | %gas          | %oil         | %water     | %mud                |
| Rec Total <u>40'</u> | BHT <u>116°</u>                    | Gravity _____ | API RW _____ | @ _____ °F | Chlorides _____ ppm |

|                                     |   |  |
|-------------------------------------|---|--|
| (A) Initial Hydrostatic <u>2270</u> | <input checked="" type="checkbox"/> Test <u>1150-</u>       | T-On Location _____                                |
| (B) First Initial Flow <u>25</u>    | <input checked="" type="checkbox"/> Jars <u>250-</u>        | T-Started <u>06:05</u>                             |
| (C) First Final Flow <u>38</u>      | <input checked="" type="checkbox"/> Safety Joint <u>75-</u> | T-Open <u>08:05</u>                                |
| (D) Initial Shut-In <u>1105</u>     | <input checked="" type="checkbox"/> Circ Sub <u>n/c</u>     | T-Pulled <u>09:35</u>                              |
| (E) Second Initial Flow <u>44</u>   | <input type="checkbox"/> Hourly Standby _____               | T-Out <u>11:40</u>                                 |
| (F) Second Final Flow <u>51</u>     | <input checked="" type="checkbox"/> Mileage <u>5681</u>     | Comments _____                                     |
| (G) Final Shut-In <u>1046</u>       | <input type="checkbox"/> Sampler _____                      |  |
| (H) Final Hydrostatic <u>2163</u>   | <input type="checkbox"/> Straddle _____                     |  |
| Initial Open <u>15</u>              | <input type="checkbox"/> Shale Packer _____                 | <input type="checkbox"/> Ruined Shale Packer _____ |
| Initial Shut-In <u>30</u>           | <input type="checkbox"/> Extra Packer _____                 | <input type="checkbox"/> Ruined Packer _____       |
| Final Flow <u>15</u>                | <input type="checkbox"/> Extra Recorder _____               | <input type="checkbox"/> Extra Copies _____        |
| Final Shut-In <u>30</u>             | <input type="checkbox"/> Day Standby _____                  | Sub Total <u>0</u>                                 |
|                                     | <input type="checkbox"/> Accessibility _____                | Total <u>1531'</u>                                 |
|                                     | Sub Total <u>1531'</u>                                      |  |

Approved By \_\_\_\_\_ Our Representative [Signature]

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MAR 26 2010

## Test Ticket

NO. 37778

Well Name & No. Geistner # 1-29 Test No. #10 Date 3/24/10  
 Company Hanson Engineering Elevation 2875 KB 2865 GL  
 Address 562 West St Rd 4 / Chmiz, Ks 67564  
 Co. Rep / Geo. Steve Davis Rig H.D. #2  
 Location: Sec. 29 Twp. 19S Rge. 29 Co. Lea State Ks

Interval Tested 4570 4640 Zone Tested Cherokee, Johnson  
 Anchor Length 70 Drill Pipe Run 4380' Mud Wt. 9.4  
 Top Packer Depth 4465 Drill Collars Run 188' Vis 52  
 Bottom Packer Depth 4570 Wt. Pipe Run --- WL 7.2  
 Total Depth 4640 Chlorides 4000 ppm System LCM #1  
 Blow Description 1/4" blow  
No return  
1/4" blow  
No return

| Rec | Feet of | %gas | %oil | %water | %mud |
|-----|---------|------|------|--------|------|
| 3'  | mud     |      |      | 100    |      |
|     |         |      |      |        |      |
|     |         |      |      |        |      |
|     |         |      |      |        |      |

Rec Total 3' BHT 111° Gravity --- API RW --- @ --- °F Chlorides --- ppm

|                                     |   |  |
|-------------------------------------|---|--|
| (A) Initial Hydrostatic <u>2307</u> | <input checked="" type="checkbox"/> Test <u>1150'</u>       | T-On Location <u>21:40</u>                   |
| (B) First Initial Flow <u>28</u>    | <input checked="" type="checkbox"/> Jars <u>250'</u>        | T-Started <u>22:30</u>                       |
| (C) First Final Flow <u>27</u>      | <input checked="" type="checkbox"/> Safety Joint <u>75'</u> | T-Open <u>00:25</u>                          |
| (D) Initial Shut-In <u>1016</u>     | <input checked="" type="checkbox"/> Circ Sub <u>n/c</u>     | T-Pulled <u>01:55</u>                        |
| (E) Second Initial Flow <u>30</u>   | <input type="checkbox"/> Hourly Standby                     | T-Out <u>04:40</u>                           |
| (F) Second Final Flow <u>31</u>     | <input checked="" type="checkbox"/> Mileage <u>56 RT</u>    | Comments                                     |
| (G) Final Shut-In <u>960</u>        | <input type="checkbox"/> Sampler                            |  |
| (H) Final Hydrostatic <u>2233</u>   | <input type="checkbox"/> Straddle                           |  |
|                                     | <input type="checkbox"/> Shale Packer                       | <input type="checkbox"/> Ruined Shale Packer |
|                                     | <input type="checkbox"/> Extra Packer                       | <input type="checkbox"/> Ruined Packer       |
|                                     | <input type="checkbox"/> Extra Recorder                     | <input type="checkbox"/> Extra Copies        |
|                                     | <input type="checkbox"/> Day Standby                        | Sub Total <u>0</u>                           |
|                                     | <input type="checkbox"/> Accessibility                      | Total <u>1531'</u>                           |
|                                     | Sub Total <u>1531'</u>                                      |  |

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