



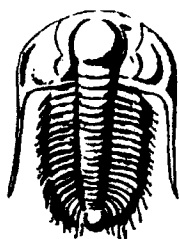
## DRILL STEM TEST REPORT

Prepared for

Double Eagle Exploration Inc  
221 S. Broadway Ste240  
Wichita, KS 67202

Steckel #3  
35 13s 12w  
Russell co KS

Trilobite Testing, Inc  
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# TRILOBITE TESTING, INC.

## DRILL STEM TEST REPORT

|             |            |           |           |
|-------------|------------|-----------|-----------|
| Well name#: | Steckel #3 | Date:     | 7/19/2002 |
| Location#:  | 35 13s 12w | Ticket #: | 16425     |
|             |            | DST#      | 1         |

### General Informaion:

|                |           |            |              |               |     |
|----------------|-----------|------------|--------------|---------------|-----|
| Formation:     | LKC 30'   | Test Type: | Conventional | BHT:          | 100 |
| Interval:      | 2921-2939 | Tester:    | John Schmidt | OIL API:      |     |
| Total Depth:   | 2939      | Elevation: | 1798 ft(KB)  | H2O Salinity: |     |
| Hole Diameter: | 7 7/8"    |            | 1803 ft(CF)  |               |     |

|                   |           |                        |       |              |          |
|-------------------|-----------|------------------------|-------|--------------|----------|
| Start Data:       | 7/19/2002 | Tool Weight:           | 2000  | Mud Type:    | Chemical |
| Start Time:       | 0:30:00   | Weight Set on Packers: | 20000 | Mud Weight:  | 8.7      |
| Time tool opened: | 2:00:00   | Weight to Pull Loose:  |       | Viscosity:   | 48       |
| Time Off Btm:     | 5:00:00   | Initial String Weight: | 32000 | Water Loss:  | 9.6      |
| End Date:         | 7/20/02   | Final String Weight:   | 32000 | Resistivity: |          |
| End Time:         | 6:15      | Drill Pipe Length:     | 2913  | Salinity:    |          |
|                   |           | Drill Collar Length:   |       |              |          |

### Test Comment:

IF: Weak built to 1"

ISI: No blow

FF: Weak to fair built to 6"

FSI: No blow

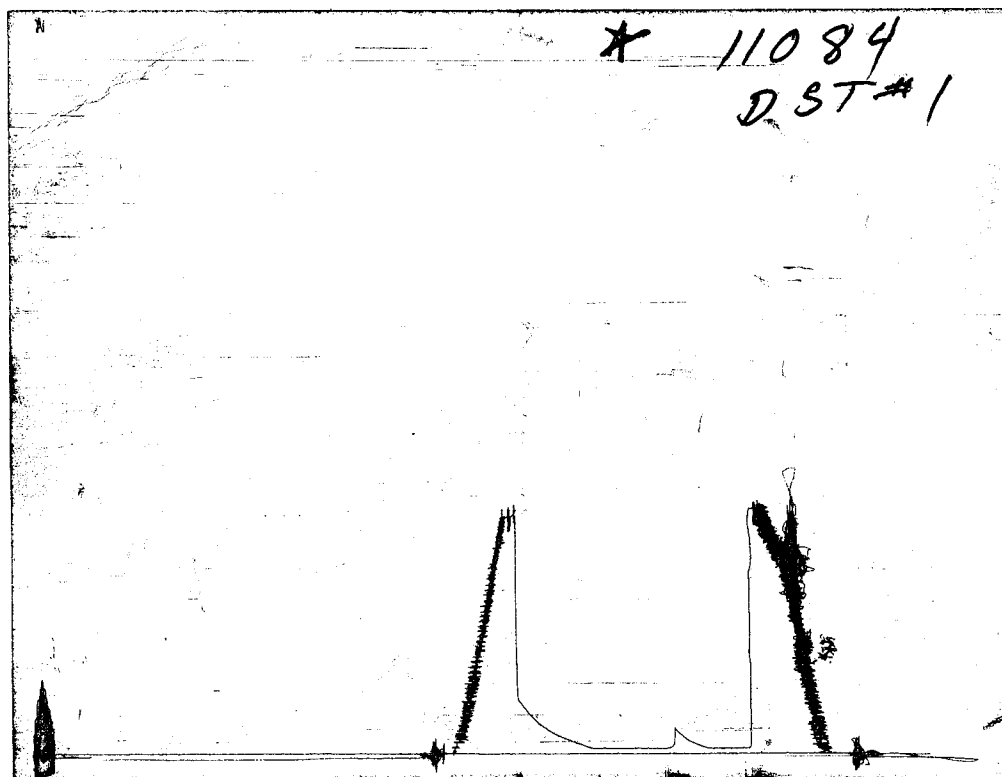
|             |                            |
|-------------|----------------------------|
| Recovery    | 30 ft                      |
| Length(ft): | Description:               |
| 30          | SOGCM 10%gas 10%oil 80%mud |

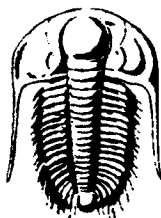
### Gas Volume Report

| Recorder #:           | 11084      | Open | Min: | Ins. Of water | Orifice | MCF/D |
|-----------------------|------------|------|------|---------------|---------|-------|
| Pressure Summary:     | Time:(min) |      |      | PSIG          | size    |       |
| Initial Hydro-static: | 1400       |      |      |               |         |       |
| Open to Flow (1):     | 28 30      |      |      |               |         |       |
| Shut-in (1):          | 28         |      |      |               |         |       |
| End Shut-in (1):      | 142 30     |      |      |               |         |       |
| Open to Flow (2):     | 32 60      |      |      |               |         |       |
| Shut-in (2):          | 32         |      |      |               |         |       |
| End Shut-in (2):      | 304 60     |      |      |               |         |       |
| Final Hydro-static:   | 1411       |      |      |               |         |       |

## CHART PAGE

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





# TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 16425

## Test Ticket

|                                                           |                                         |                                                          |
|-----------------------------------------------------------|-----------------------------------------|----------------------------------------------------------|
| Well Name & No. <u>STECKEL #3</u>                         | Test No. <u>#1</u>                      | Date <u>7-19-02</u>                                      |
| Company <u>DOUBLE EAGLE EXPLORATION INC.</u>              | Zone Tested <u>L-KC. 30'</u>            |                                                          |
| Address <u>221 S. BROADWAY SUITE 240 WICHITA KS 67202</u> | Elevation <u>1798</u> KB <u>1803</u> GL |                                                          |
| Co. Rep / Geo. <u>PAT DEENIHAN</u>                        | Cont. <u>L.D. DRILLING</u>              | Est. Ft. of Pay <u>    </u> Por. <u>    </u> %           |
| Location: Sec. <u>35</u> Twp. <u>13S</u> Rge. <u>12W</u>  | Co. <u>RUSSELL</u> State <u>KS</u>      |                                                          |
| No. of Copies <u>    </u>                                 | Distribution Sheet (Y, N) <u>    </u>   | Turnkey (Y, N) <u>    </u> Evaluation (Y, N) <u>    </u> |

|                                                               |                                    |                                   |
|---------------------------------------------------------------|------------------------------------|-----------------------------------|
| Interval Tested <u>2921 TO 2939</u>                           | Initial Str Wt./Lbs. <u>32,000</u> | Unseated Str Wt./Lbs. <u>    </u> |
| Anchor Length <u>18'</u>                                      | Wt. Set Lbs. <u>20,000</u>         | Wt. Pulled Loose/Lbs. <u>    </u> |
| Top Packer Depth <u>2916</u>                                  | Tool Weight <u>2,000</u>           |                                   |
| Bottom Packer Depth <u>2921</u>                               | Hole Size — 7 7/8" <u>✓</u>        | Rubber Size — 6 3/4" <u>✓</u>     |
| Total Depth <u>2939</u>                                       | Wt. Pipe Run <u>    </u>           | Drill Collar Run <u>    </u>      |
| Mud Wt. <u>8.7</u> LCM <u>TR</u> Vis. <u>48</u> WL <u>9.6</u> | Drill Pipe Size <u>4 1/2 XH</u>    | Ft. Run <u>2913</u>               |
| Blow Description <u>IF - WEAK BUILT TO 1" IN</u>              | <u>FSI - NO BLOW</u>               |                                   |
| <u>FF - WEAK TO FAIR BUILT TO 6" IN</u>                       | <u>FSI - NO BLOW</u>               |                                   |

|                                  |                                        |                       |                                       |
|----------------------------------|----------------------------------------|-----------------------|---------------------------------------|
| Recovery — Total Feet <u>30'</u> | GIP <u>60'</u>                         | Ft. in DC <u>    </u> | Ft. in DP <u>30'</u>                  |
| Rec. <u>30'</u>                  | Feet Of <u>SOGCM</u>                   | 10 %gas 10 %oil       | %water 80 %mud                        |
| Rec. <u>    </u>                 | Feet Of <u>    </u>                    | %gas %oil             | %water %mud                           |
| Rec. <u>    </u>                 | Feet Of <u>    </u>                    | %gas %oil             | %water %mud                           |
| Rec. <u>    </u>                 | Feet Of <u>    </u>                    | %gas %oil             | %water %mud                           |
| Rec. <u>    </u>                 | Feet Of <u>    </u>                    | %gas %oil             | %water %mud                           |
| BHT <u>100</u>                   | °F Gravity <u>    </u>                 | °API D@ <u>    </u>   | °F Corrected Gravity <u>    </u> °API |
| RW <u>    </u>                   | @ <u>    </u> °F Chlorides <u>    </u> | ppm Recovery          | Chlorides <u>    </u> ppm System      |

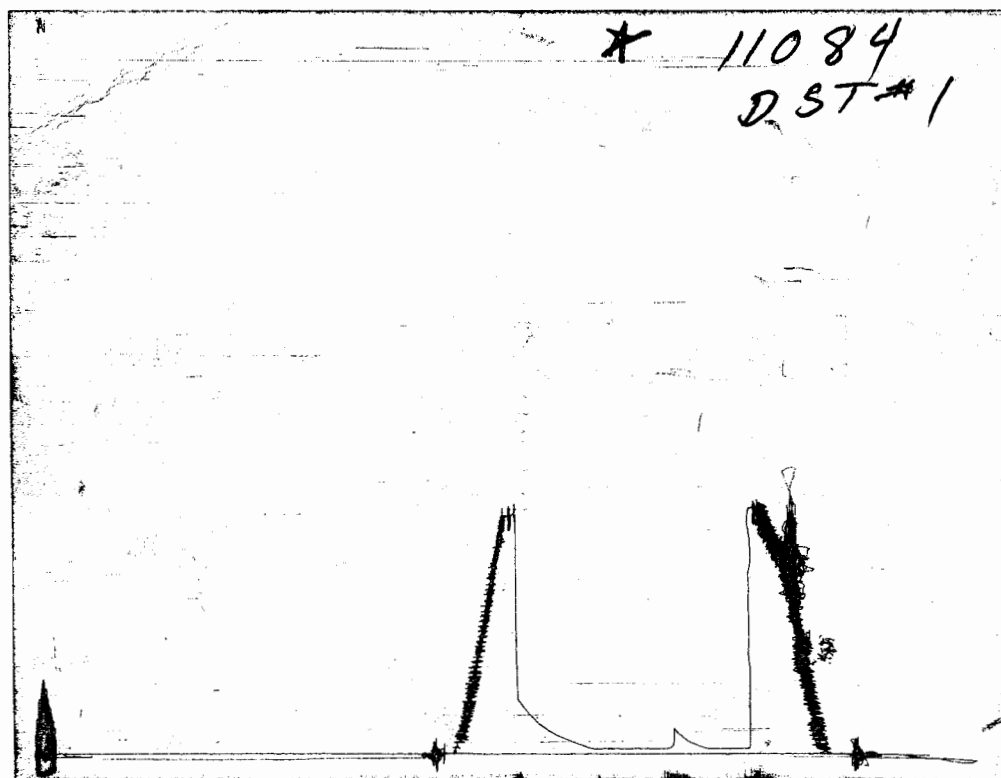
|                                            |      |        |                               |                             |
|--------------------------------------------|------|--------|-------------------------------|-----------------------------|
| (A) Initial Hydrostatic Mud <u>1422</u>    | AK-1 | Alpige | PSI Recorder No. <u>11084</u> | T-On Location <u>23:45</u>  |
| (B) First Initial Flow Pressure <u>22</u>  |      |        | PSI (depth) <u>2923</u>       | T-Started <u>00:30</u>      |
| (C) First Final Flow Pressure <u>22</u>    |      |        | PSI Recorder No. <u>13308</u> | T-Open <u>02:00</u>         |
| (D) Initial Shut-In Pressure <u>142</u>    |      |        | PSI (depth) <u>2936</u>       | T-Pulled <u>05:00</u>       |
| (E) Second Initial Flow Pressure <u>33</u> |      |        | PSI Recorder No. <u>    </u>  | T-Out <u>06:15</u>          |
| (F) Second Final Flow Pressure <u>33</u>   |      |        | PSI (depth) <u>    </u>       | T-Off Location <u>06:45</u> |
| (G) Final Shut-in Pressure <u>307</u>      |      |        | PSI Initial Opening <u>30</u> | Test <u>BOTTOM HOLE</u>     |
| (Q) Final Hydrostatic Mud <u>1390</u>      |      |        | PSI Initial Shut-in <u>30</u> | Jars <u>    </u>            |
|                                            |      |        | Final Flow <u>60</u>          | Safety Joint <u>    </u>    |
|                                            |      |        | Final Shut-in <u>60</u>       | Straddle <u>    </u>        |
|                                            |      |        |                               | Circ. Sub <u>    </u>       |
|                                            |      |        |                               | Sampler <u>    </u>         |
|                                            |      |        |                               | Extra Packer <u>    </u>    |
|                                            |      |        |                               | Elec. Rec. <u>    </u>      |
|                                            |      |        |                               | Mileage <u>45</u>           |
|                                            |      |        |                               | Other <u>    </u>           |
|                                            |      |        |                               | TOTAL PRICE \$ <u>745</u>   |

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Approved By Pat Deenihan  
Our Representative John A. Schmidt

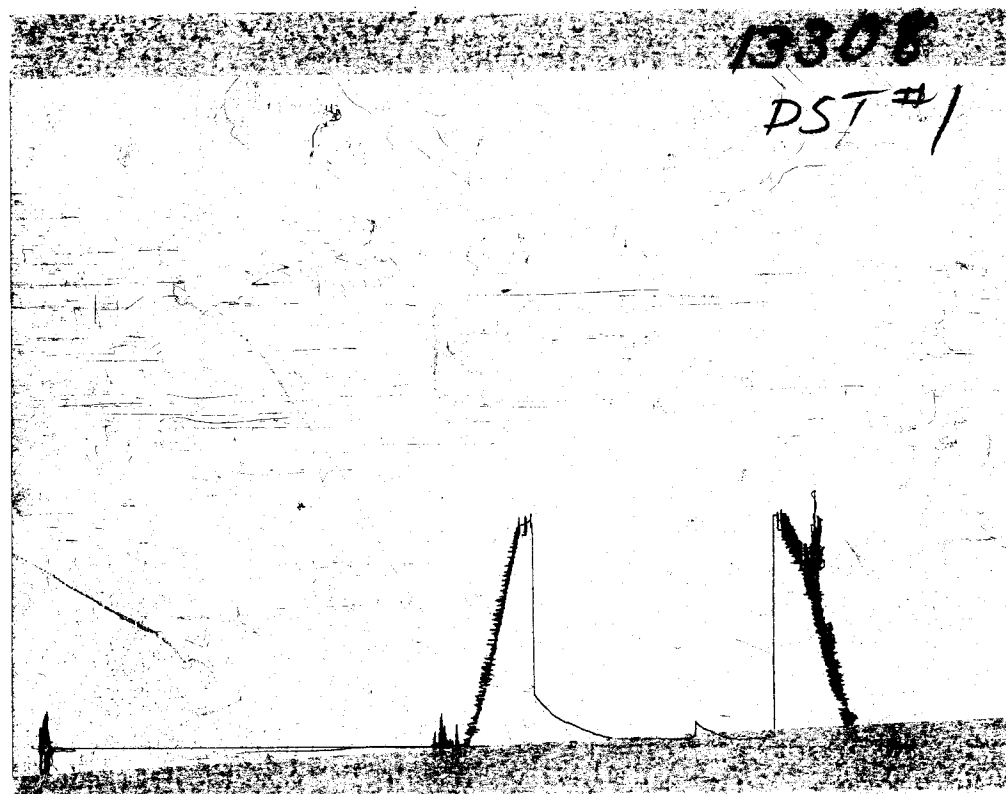
## CHART PAGE

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



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Well Name Steckel #3  
DST Number 1  
Recorder Number 11084

A: 1.290 1400

B: .026 28

C: .026 28

D: .130 142

E: .030 32

F: .030 32

G: .278 304

Q: 1.300 1411