

**WELL NAME:** Welsh Trust 1-15  
**COMPANY:** Deka Exploration Inc  
**LOCATION:** 15-14S-42W  
Wallace County, Kansas  
**DATE:** 6/8/98

# TRILOBITE TESTING L.L.C.

OPERATOR : Deka Exploration Inc

DATE 6-4-98

WELL NAME: Welsh Trust #1-15

KB 3824.00 m.

TICKET NO: 11069 DST #1

LOCATION : 15-14S-42W Wallace co. KS

GR 3819.00 m.

FORMATION: Cherokee

INTERVAL : 4751.00 To 5767.00 m.

TD 5767.00 m.

TEST TYPE: CONV

## RECORDER DATA

| Mins              | Field  | 1      | 2      | 3   | 4   | TIME DATA-----         |
|-------------------|--------|--------|--------|-----|-----|------------------------|
| PF 30 Rec.        | 11058  | 11058  | 11057  |     |     | PF Fr. 1715 to 1745 hr |
| SI 45 Range(kPa ) | 4475.0 | 4475.0 | 4500.0 | 0.0 | 0.0 | IS Fr. 1745 to 1830 hr |
| SF 30 Clock(hrs)  | 12 hr  | 12 hr  | 12 hr  |     |     | SF Fr. 1830 to 1900 hr |
| FS 30 Depth(m. )  | 4758.0 | 4758.0 | 4764.0 | 0.0 | 0.0 | FS Fr. 1900 to 1930 hr |

|                | Field  | 1      | 2   | 3   | 4   |                               |
|----------------|--------|--------|-----|-----|-----|-------------------------------|
| A. Init Hydro  | 2446.0 | 2417.0 | 0.0 | 0.0 | 0.0 | T STARTED 1520 hr             |
| B. First Flow  | 66.0   | 64.0   | 0.0 | 0.0 | 0.0 | T ON BOTM 1710 hr             |
| B1. Final Flow | 66.0   | 64.0   | 0.0 | 0.0 | 0.0 | T OPEN 1715 hr                |
| C. In Shut-in  | 1031.0 | 1022.0 | 0.0 | 0.0 | 0.0 | T PULLED 1930 hr              |
| D. Init Flow   | 77.0   | 79.0   | 0.0 | 0.0 | 0.0 | T OUT 2200 hr                 |
| E. Final Flow  | 77.0   | 79.0   | 0.0 | 0.0 | 0.0 |                               |
| F. Fl Shut-in  | 873.0  | 861.0  | 0.0 | 0.0 | 0.0 | TOOL DATA-----                |
| G. Final Hydro | 2412.0 | 2297.0 | 0.0 | 0.0 | 0.0 | Tool Wt. 4000.00 daN          |
| Inside/Outside | 0      | 0      | I   |     |     | Wt Set On Packer 26000.00 daN |
|                |        |        |     |     |     | Wt Pulled Loose 100000.00 daN |
|                |        |        |     |     |     | Initial Str Wt 70000.00 daN   |
|                |        |        |     |     |     | Unseated Str Wt 74000.00 daN  |
|                |        |        |     |     |     | Bot Choke 0.75 mm             |
|                |        |        |     |     |     | Hole Size 7.78 mm             |
|                |        |        |     |     |     | D Col. ID 2.25 mm             |
|                |        |        |     |     |     | D. Pipe ID 3.80 mm            |
|                |        |        |     |     |     | D.C. Length 119.00 m.         |
|                |        |        |     |     |     | D.P. Length 4635.00 m.        |

## RECOVERY

Tot Fluid 65.00 m. of 65.00 m. in DC and 0.00 m. in DP  
 45.00 m. of Slightly oil cut mud 10%oil - 90%mud  
 20.00 m. of Slightly water & oil cut mud  
 0.00 m. of 5%oil - 30%water - 65%mud  
 0.00 m. of  
 0.00 m. of  
 0.00 m. of  
 0.00 m. of  
 0.00 m. of  
 0.00 m. of

SALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

## BLOW DESCRIPTION

Initial Flow:  
 1/4" @ open, built to 5 1/2"

Initial Shutin:  
 no return

Final Flow:  
 Weak surface blow in 3 minutes  
 built to 1/2"

Final Shutin:  
 no return

SAMPLES:  
 SENT TO:

## MUD DATA-----

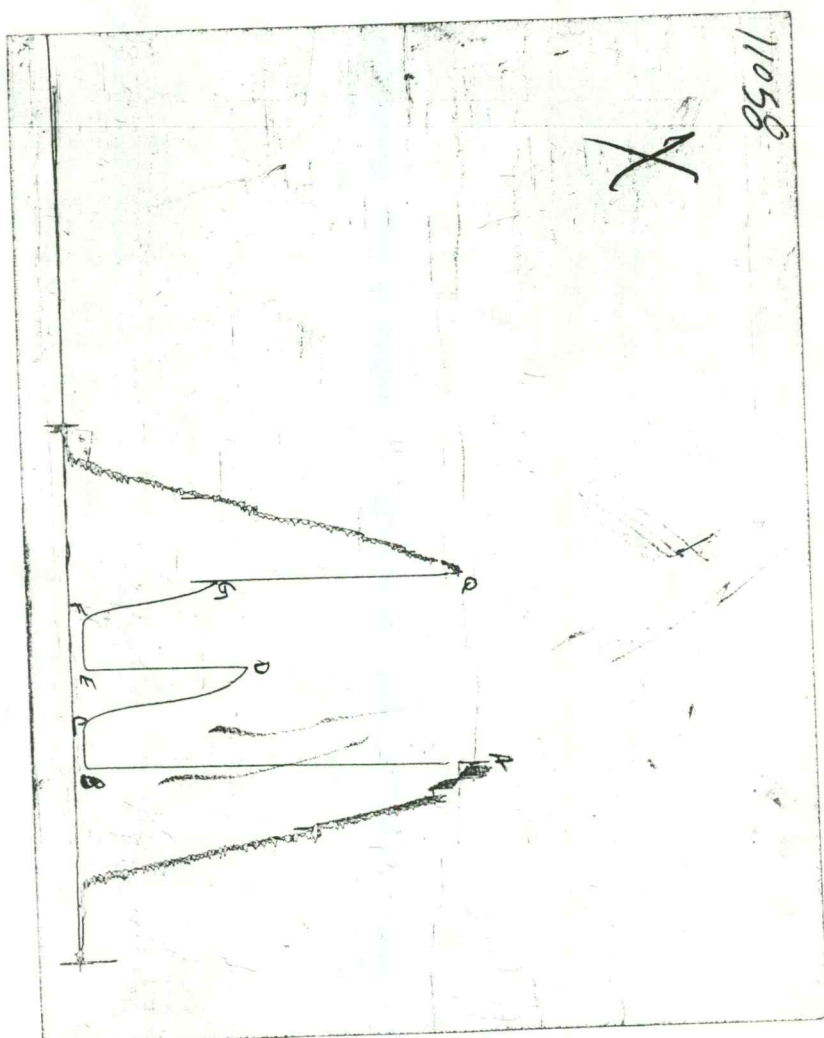
| Mud Type | Chemical  |
|----------|-----------|
| Weight   | 9.20 kg/n |
| Vis.     | 45.00 S/L |
| W.L.     | 8.40 cm3  |
| F.C.     | 0.00 mm   |
| Mud Drop |           |

|                |          |
|----------------|----------|
| Amt. of fill   | 0.00 m.  |
| Btm. H. Temp.  | 126.00 C |
| Hole Condition |          |
| % Porosity     | 0.00     |
| Packer Size    | 6.75 mm  |
| No. of Packers | 2        |
| Cushion Amt.   | 0.00     |
| Cushion Type   |          |
| Reversed Out   |          |
| Tool Chased    |          |

|          |               |
|----------|---------------|
| Tester   | Shane McBride |
| Co. Rep. | Bill Arbuckle |
| Contr.   | Abercrombie   |
| Rig #    | 4             |
| Unit #   |               |
| Pump T.  |               |

Test Successful: Y

CHART PAGE



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

# TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

## Test Ticket

No 11069

|                                                        |                                       |                                                       |
|--------------------------------------------------------|---------------------------------------|-------------------------------------------------------|
| Well Name & No. <u>Welsh Trust #1-15</u>               | Test No. <u>1</u>                     | Date <u>6-4-98</u>                                    |
| Company <u>DEKA Explor. Inc.</u>                       | Zone Tested <u>Cherokee</u>           |                                                       |
| Address <u>P.O. Box 14057 Oklahoma City, OK 73113</u>  | Elevation <u>3824'</u>                | KB <u>3819'</u> GL                                    |
| Co. Rep / Geo. <u>Bill Atchuck</u>                     | Cont. <u>Aluminum #4</u>              | Est. Ft. of Pay <u>    </u> Por. <u>    </u> %        |
| Location: Sec. <u>15</u> Twp. <u>14</u> Rge. <u>42</u> | Co. <u>Wallace</u>                    | State <u>KS</u>                                       |
| No. of Copies <u>None</u>                              | Distribution Sheet (Y, N) <u>    </u> | Turnkey (Y, N) <u>N</u> Evaluation (Y, N) <u>    </u> |

|                                                               |                                                        |                                                          |
|---------------------------------------------------------------|--------------------------------------------------------|----------------------------------------------------------|
| Interval Tested <u>4751</u> <u>4767</u>                       | Initial Str Wt./Lbs. <u>70,000</u>                     | Unseated Str Wt./Lbs. <u>74,000</u>                      |
| Anchor Length <u>16</u>                                       | Wt. Set Lbs. <u>26,000</u>                             | Wt. Pulled Loose/Lbs. <u>100,000</u>                     |
| Top Packer Depth <u>4746</u>                                  | Tool Weight <u>4,000</u>                               |                                                          |
| Bottom Packer Depth <u>4751</u>                               | Hole Size — 7 7/8" <input checked="" type="checkbox"/> | Rubber Size — 6 3/4" <input checked="" type="checkbox"/> |
| Total Depth <u>4767</u>                                       | Wt. Pipe Run <u>    </u>                               | Drill Collar Run <u>119'</u>                             |
| Mud Wt. <u>9.2</u> LCM <u>#1</u> Vis. <u>45</u> WL <u>8.4</u> | Drill Pipe Size <u>4 1/2 XH</u>                        | Ft. Run <u>4635'</u>                                     |
| Blow Description <u>1/4" @ open built to 5 1/2" in.</u>       |                                                        |                                                          |

I.S.I.: No return.

F.F.: Weak surface blow in 3min built to 1/2" in.

F.S.I.: No return.

|                                  |                                                |                                                                       |                       |
|----------------------------------|------------------------------------------------|-----------------------------------------------------------------------|-----------------------|
| Recovery — Total Feet <u>65'</u> | GIP <u>    </u>                                | Ft. in DC <u>65'</u>                                                  | Ft. in DP <u>    </u> |
| Rec. <u>45'</u>                  | Feet Of <u>Sl. fly oil cut mud</u>             | %gas <u>10</u> %oil <u>    </u> %water <u>90</u> %mud <u>    </u>     |                       |
| Rec. <u>20'</u>                  | Feet Of <u>Sl. fly Water &amp; oil cut mud</u> | %gas <u>5</u> %oil <u>30</u> %water <u>65</u> %mud <u>    </u>        |                       |
| Rec. <u>    </u>                 | Feet Of <u>    </u>                            | %gas <u>    </u> %oil <u>    </u> %water <u>    </u> %mud <u>    </u> |                       |
| Rec. <u>    </u>                 | Feet Of <u>    </u>                            | %gas <u>    </u> %oil <u>    </u> %water <u>    </u> %mud <u>    </u> |                       |
| Rec. <u>    </u>                 | Feet Of <u>    </u>                            | %gas <u>    </u> %oil <u>    </u> %water <u>    </u> %mud <u>    </u> |                       |

BHT 126° °F Gravity      °API D@      °F Corrected Gravity      °API

RW 334 @ 53 °F Chlorides 27,000 ppm Recovery Chlorides 1,400 ppm System

|                                                |                           |                             |
|------------------------------------------------|---------------------------|-----------------------------|
| (A) Initial Hydrostatic Mud <u>2446</u> PSI    | Recorder No. <u>11057</u> | T-Started <u>15:20 P.M.</u> |
| (B) First Initial Flow Pressure <u>66</u> PSI  | (depth) <u>4764'</u>      | T-Open <u>17:15 P.M.</u>    |
| (C) First Final Flow Pressure <u>66</u> PSI    | Recorder No. <u>11058</u> | T-Pulled <u>19:30 P.M.</u>  |
| (D) Initial Shut-in Pressure <u>1031</u> PSI   | (depth) <u>4758'</u>      | T-Out <u>22:00 P.M.</u>     |
| (E) Second Initial Flow Pressure <u>77</u> PSI | Recorder No. <u>    </u>  |                             |
| (F) Second Final Flow Pressure <u>77</u> PSI   | (depth) <u>    </u>       |                             |
| (G) Final Shut-in Pressure <u>873</u> PSI      | Initial Opening <u>30</u> | Test <u>700</u>             |
| (H) Final Hydrostatic Mud <u>2412</u> PSI      | Initial Shut-in <u>45</u> | Jars <u>    </u>            |

Final Flow 30 Safety Joint 50

Final Shut-in 30 Straddle     

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Approved By W. Atchuck

Our Representative Shane McBride

Circ. Sub N/C

Sampler     

Extra Packer     

Elect. Rec.     

Other     

TOTAL PRICE \$ 7.50