

WELL NAME

Acres #4

COMPANY

CLX Energy, Inc.

LOCATION

21-32s-18w

Comanche co Kansas

DATE

1/22/01

TRILOBITE TESTING L.L.C.

OPERATOR : CLX Energy Inc.

DATE 1-17-2001

WELL NAME: Acres #4

KB 2111.00 ft TICKET NO: 13622 DST #1

LOCATION : 21-32S-18W Comanche co KS

GR 2102.00 ft FORMATION: Pawnee

INTERVAL : 5048.00 To 5086.00 ft

TD 5086.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

| Mins | Field | 1 | 2 | 3 | 4 | TIME DATA----- |
|-------------------|--------|--------|--------|-----|-----|------------------------|
| PF 30 Rec. | 10242 | 10242 | Alpine | | | PF Fr. 0855 to 0925 hr |
| SI 60 Range(Psi) | 4100.0 | 4100.0 | 5000.0 | 0.0 | 0.0 | IS Fr. 0925 to 1025 hr |
| SF 45 C/PK(hrs) | 12 HR | 12 HR | Elect | | | SF Fr. 1025 to 1110 hr |
| FS 90 Depth(ft) | 5083.0 | 5083.0 | 5051.0 | 0.0 | 0.0 | FS Fr. 1110 to 1240 hr |

| | Field | 1 | 2 | 3 | 4 | |
|----------------|--------|-----|--------|-----|-----|-------------------------------|
| A. Init Hydro | 2539.0 | 0.0 | 2452.0 | 0.0 | 0.0 | T STARTED 0515 hr |
| B. First Flow | 65.0 | 0.0 | 27.0 | 0.0 | 0.0 | T ON BOTM 0852 hr |
| B1. Final Flow | 65.0 | 0.0 | 35.0 | 0.0 | 0.0 | T OPEN 0855 hr |
| C. In Shut-in | 1777.0 | 0.0 | 1753.0 | 0.0 | 0.0 | T PULLED 1240 hr |
| D. Init Flow | 84.0 | 0.0 | 33.0 | 0.0 | 0.0 | T OUT 1510 hr |
| E. Final Flow | 84.0 | 0.0 | 43.0 | 0.0 | 0.0 | |
| F. Fl Shut-in | 1747.0 | 0.0 | 1712.0 | 0.0 | 0.0 | TOOL DATA----- |
| G. Final Hydro | 2494.0 | 0.0 | 2425.0 | 0.0 | 0.0 | Tool Wt. 1800.00 lbs |
| Inside/Outside | I | I | I | | | Wt Set On Packer 20000.00 lbs |
| | | | | | | Wt Pulled Loose 12000.00 lbs |
| | | | | | | Initial Str Wt 52000.00 lbs |
| | | | | | | Unseated Str Wt 53000.00 lbs |
| | | | | | | Bot Choke 0.75 in |
| | | | | | | Hole Size 7.78 in |
| | | | | | | D Col. ID 0.00 in |
| | | | | | | D. Pipe ID 3.80 in |
| | | | | | | D.C. Length 0.00 ft |
| | | | | | | D.P. Length 5037.00 ft |

RECOVERY

Tot Fluid 70.00 ft of 0.00 ft in DC and 70.00 ft in DP
 4967.00 ft of Gas in pipe
 20.00 ft of Mud
 0.00 ft of 100% Mud
 50.00 ft of Gas cut mud
 0.00 ft of 8% gas 92% mud
 0.00 ft of
 0.00 ft of
 0.00 ft of
 SALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA-----

Mud Type - Chemical
 Weight - 9.10 lb/cf
 Vis. 60.00 S/L
 W.L. 7.00 in3
 F.C. 0.00 in
 Mud Drop Y 10.0 ft

BLOW DESCRIPTION

Initial Flow:
 Strong bottom immediately. Gas to surface in 22 minutes. Gauged 29,400 CFPD in 30 minutes.

Initial Shut-In:

No blow back.

Final Flow:

Gauged 35,500 CFPD stabilized throughout.

Final Shut-In:

No blow back.

Remarks: Est. 10 FT. of Pay. Gas burned.

Caught gas sample, Told not to send it.

SAMPLES: One

SENT TO: On truck #14

Amt. of fill 0.00 ft
 Btm. H. Temp. 115.00 F
 Hole Condition Good
 % Porosity 12.00
 Packer Size 6.75 in
 No. of Packers 2
 Cushion Amt. 0.00
 Cushion Type
 Reversed Out N
 Tool Chased N
 Tester Lanny Saloga
 Co. Rep. Tom Robinson
 Contr. Duke
 Rig # 4
 Unit #
 Pump T.

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Acres #4

LOCATION : 21-32S-18W Comanche co KS

TICKET No. 13622 D.S.T. No. 1 DATE 1-17-2001

TOTAL TOOL TO BOTTOM OF TOP PACKERS 27

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 38

TOTAL TOOL 65

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY

D.C. ABOVE TOOLS.Stands Single Total

D.P. ABOVE TOOLS.Stands 81 Single Total 5037

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5102

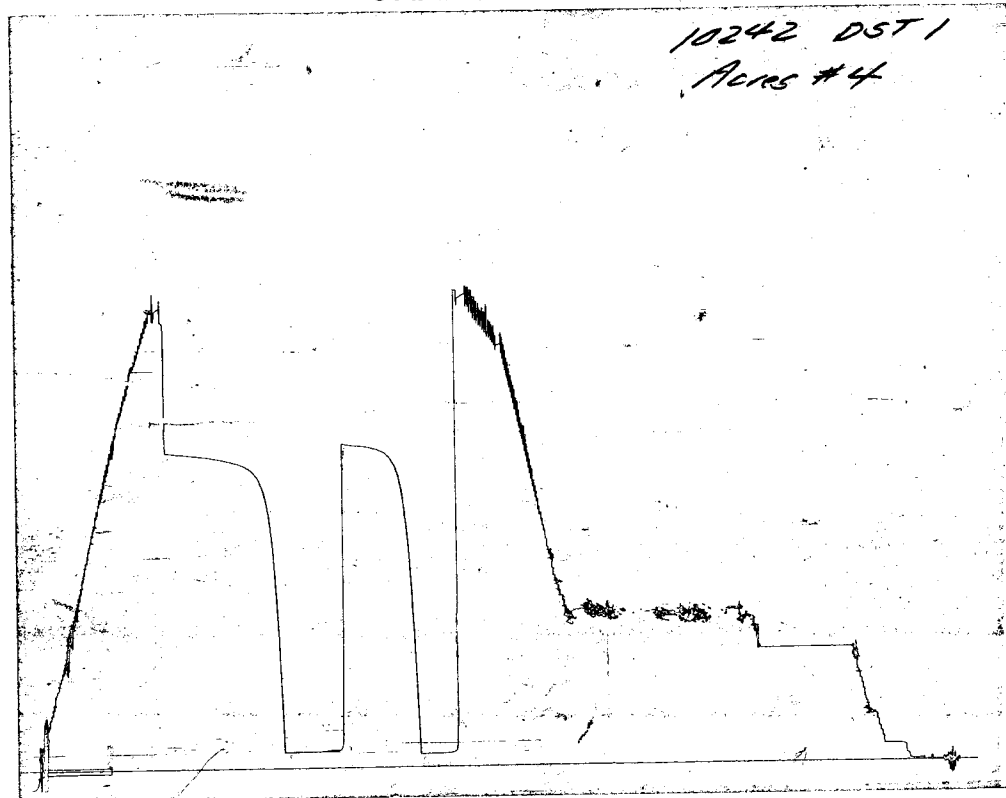
TOTAL DEPTH 5086

TOTAL DRILL PIPE ABOVE K.B. 16

REMARKS:

| | |
|----------------------|------|
| P.O. SUB Cir. sub | 4897 |
| C.O. SUB Top of tool | 5021 |
| Co. sub | 5022 |
| S.I. TOOL Sterling | 5027 |
| HMV Sterling | 5032 |
| JARS Bowen | 5037 |
| SAFETY JOINT Bowen | 5039 |
| PACKER Sparton | 5044 |
| PACKER Sparton | 5048 |
| DEPTH 1 ft. | 5049 |
| ANCHOR 2 ft. perf | 5051 |
| Alpine | 5051 |
| Pu. sub | 5056 |
| AK-1 | 5083 |
| 28 ft. perfs | 5084 |
| BULLNOSE 2 ft. perf | 5086 |
| T.D. | 5086 |

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

N^o 13622

Test Ticket

| | | |
|---|---|--|
| Well Name & No. <u>Acres #4</u> | Test No. <u>1</u> | Date <u>1-17-01</u> |
| Company <u>CHK Energy Inc.</u> | Zone Tested <u>Pawnee</u> | |
| Address <u>DeWitt Co. 80202</u> | Elevation <u>2111</u> KB <u>2102</u> GL | |
| Co. Rep / Geo. <u>Tom Robinson</u> | Cont. <u>Duke Rig 4</u> | Est. Ft. of Pay <u>10</u> Por. <u>12</u> % |
| Location: Sec. <u>21</u> Twp. <u>32S</u> Rge. <u>18W</u> Co. <u>Comanche</u> State <u>Ks.</u> | | |
| No. of Copies <u>6</u> Distribution Sheet (Y, N) <u>N.</u> Turnkey (Y, N) <u>N.</u> Evaluation (Y, N) _____ | | |

| | | |
|---|--|-------------------------------------|
| Interval Tested <u>5048-5086</u> | Initial Str Wt./Lbs. <u>52,000</u> | Unseated Str Wt./Lbs. <u>53,000</u> |
| Anchor Length <u>38'</u> Tool = <u>27</u> | Wt. Set Lbs. <u>20,000</u> | Wt. Pulled Loose/Lbs. <u>12,000</u> |
| Top Packer Depth <u>5043</u> | Tool Weight <u>1,800</u> | |
| Bottom Packer Depth <u>5048</u> | Hole Size — <u>7 7/8"</u> Rubber Size — <u>6 3/4"</u> | |
| Total Depth <u>5086</u> | Wt. Pipe Run <u>—</u> Drill Collar Run <u>0</u> | |
| Mud Wt. <u>9.1</u> LCM <u>1#</u> Vis. <u>60</u> WL <u>7.0</u> | Drill Pipe Size <u>4 1/2 XH</u> Ft. Run <u>5037 16' up</u> | |

Blow Description Strong OBB in mud. GTS in 22 min. "See Flow Chart" F.F.P.
No blow-back. F.S.F.P.
See Flow Chart. F.F.P.
No blow-back. F.S.F.P.

| | | | |
|--|--|--------------------|---------------------|
| Recovery — Total Feet <u>70</u> | GIP <u>4967</u> | Ft. in DC <u>0</u> | Ft. in DP <u>70</u> |
| Rec. <u>20</u> Feet Of <u>mud</u> | %gas _____ %oil _____ %water <u>100</u> %mud _____ | | |
| Rec. <u>50</u> Feet Of <u>Gas cut mud</u> | <u>8</u> %gas _____ %oil _____ %water <u>92</u> %mud _____ | | |
| Rec. _____ Feet Of _____ | %gas _____ %oil _____ %water _____ %mud _____ | | |
| Rec. _____ Feet Of _____ | %gas _____ %oil _____ %water _____ %mud _____ | | |
| Rec. _____ Feet Of _____ | %gas _____ %oil _____ %water _____ %mud _____ | | |
| BHT <u>115</u> °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API | | | |
| RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides <u>6,000</u> ppm System | | | |

| | AK-1 | Alpine | PSI | Recorder No. | T-On Location |
|----------------------------------|-------------|-------------|-----|---------------------------|----------------------------|
| (A) Initial Hydrostatic Mud | <u>2539</u> | <u>2452</u> | | <u>3017 "05:07"</u> | <u>2:15 AM</u> 3:00 |
| (B) First Initial Flow Pressure | <u>65</u> | <u>27</u> | | (depth) <u>5051</u> | T-Started <u>5:15 AM</u> |
| (C) First Final Flow Pressure | <u>65</u> | <u>35</u> | | Recorder No. <u>10242</u> | T-Open <u>8:55 AM</u> 9:55 |
| (D) Initial Shut-In Pressure | <u>1777</u> | <u>1753</u> | | (depth) <u>5083</u> | T-Pulled <u>12:40 P.M.</u> |
| (E) Second Initial Flow Pressure | <u>84</u> | <u>33</u> | | Recorder No. _____ | T-Out <u>1:10 P.M.</u> |
| (F) Second Final Flow Pressure | <u>84</u> | <u>43</u> | | (depth) _____ | T-Off Location _____ |
| (G) Final Shut-in Pressure | <u>1747</u> | <u>1712</u> | | Initial Opening <u>30</u> | Test <u>1 900</u> ✓ |
| (Q) Final Hydrostatic Mud | <u>2494</u> | <u>2425</u> | | Initial Shut-in <u>60</u> | Jars <u>1 300</u> ✓ |
| | | | | Final Flow <u>45</u> | Safety Joint <u>150</u> ✓ |
| | | | | Final Shut-in <u>90</u> | Straddle _____ |

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Approved By Tom Y Robinson
 Our Representative Jimmy J. Salpe

Extra Packer _____
 Elec. Rec. 1 150 ✓
 Mileage 1 60 ✓
 Other 903 Hrs. ✓
 TOTAL PRICE \$ 4450.00