

ORIGINAL

WELL NAME:
COMPANY:
LOCATION:
DATE:

G&G #2-28
Berexco Inc.
28-30S-41W
Stanton County, Kansas
6/11/98

KCC

SEP 16 1998

10 2003
**From
Confidential**

CONFIDENTIAL **CONFIDENTIAL**

15-187-20897

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ORIGINAL

KCC

SEP 16 1998

TRILOBITE TESTING L.L.C.

OPERATOR : Berexco Inc.

DATE 6-4-98

WELL NAME: G & G #2-28

KB 3417.00 ft

TICKET NO: 10225 DST #1

LOCATION : 28-30S-41W Stanton KS

GR 3404.00 ft

FORMATION: Upper Morrow

INTERVAL : 4978.00 To 5020.00 ft

TD 5020.00 ft

TEST TYPE: CONVENTIONAL

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RECORDER DATA

| Mins | Field | 1 | 2 | 3 | 4 | TIME DATA----- |
|-------------------|--------|--------|--------|-----|-----|------------------------|
| PF 15 Rec. | 13630 | 13630 | Alpine | | | PF Fr. 1950 to 2005 hr |
| SI 30 Range(Psi) | 4625.0 | 4625.0 | 5000.0 | 0.0 | 0.0 | IS Fr. 2005 to 2035 hr |
| SF 60 Clock(hrs) | 12 HR | 12 HR | 24 HR | | | SF Fr. 2035 to 2135 hr |
| FS 120 Depth(ft) | 5017.0 | 5017.0 | 4980.0 | 0.0 | 0.0 | FS Fr. 2135 to 2335 hr |

| | Field | 1 | 2 | 3 | 4 | |
|----------------|--------|--------|--------|-----|-----|-------------------------------|
| A. Init Hydro | 2447.0 | 2477.0 | 2365.0 | 0.0 | 0.0 | T STARTED 1500 hr |
| B. First Flow | 287.0 | 304.0 | 146.0 | 0.0 | 0.0 | T ON BOTM 1946 hr |
| B1. Final Flow | 368.0 | 390.0 | 364.0 | 0.0 | 0.0 | T OPEN 1950 hr |
| C. In Shut-in | 1511.0 | 1526.0 | 1487.0 | 0.0 | 0.0 | T PULLED 2335 hr |
| D. Init Flow | 463.0 | 478.0 | 373.0 | 0.0 | 0.0 | T OUT 0400 hr |
| E. Final Flow | 653.0 | 664.0 | 632.0 | 0.0 | 0.0 | |
| F. Fl Shut-in | 1502.0 | 1519.0 | 1492.0 | 0.0 | 0.0 | TOOL DATA----- |
| G. Final Hydro | 2391.0 | 2381.0 | 2344.0 | 0.0 | 0.0 | Tool Wt. 1800.00 lbs |
| Inside/Outside | O | O | I | | | Wt Set On Packer 30000.00 lbs |
| | | | | | | Wt Pulled Loose 26000.00 lbs |
| | | | | | | Initial Str Wt 90000.00 lbs |
| | | | | | | Unseated Str Wt 94000.00 lbs |
| | | | | | | Bot Choke 0.75 in |
| | | | | | | Hole Size 7.78 in |
| | | | | | | D Col. ID 2.25 in |
| | | | | | | D. Pipe ID 3.80 in |
| | | | | | | D.C. Length 702.00 ft |
| | | | | | | D.P. Length 4268.00 ft |

RECOVERY

Tot Fluid 1205.00 ft of 702.00 ft in DC and 503.00 ft in DP
 130.00 ft of Heavy water cut mud 44%Water 56%Mud
 1075.00 ft of Gassy Salt water 3%Gas 97%Water
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of

SALINITY 82000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
 Weak 1" built to strong, off bottom
 of bucket in 7 mins.
 Initial Shut-in:
 No blow-back
 Final Flow:
 Surface blow, built to strong, off
 bottom of bucket in 13 min.
 Final Shut-in:
 No blow-back

SAMPLES: None
SENT TO:

| MUD DATA----- | |
|----------------|--------------|
| Mud Type | Chemical |
| Weight | 9.00 lb/cf |
| Vis. | 65.00 S/L |
| W.L. | 7.60 in3 |
| F.C. | 0.00 in |
| Mud Drop Y | 30.0 ft |
| Amt. of fill | 0.00 ft |
| Btm. H. Temp. | 126.00 F |
| Hole Condition | Good |
| % Porosity | 14.00 |
| 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. | Ed Grieves |
| Contr. | Beredco |
| Rig # | 2 |
| Unit # | |
| Pump T. | |

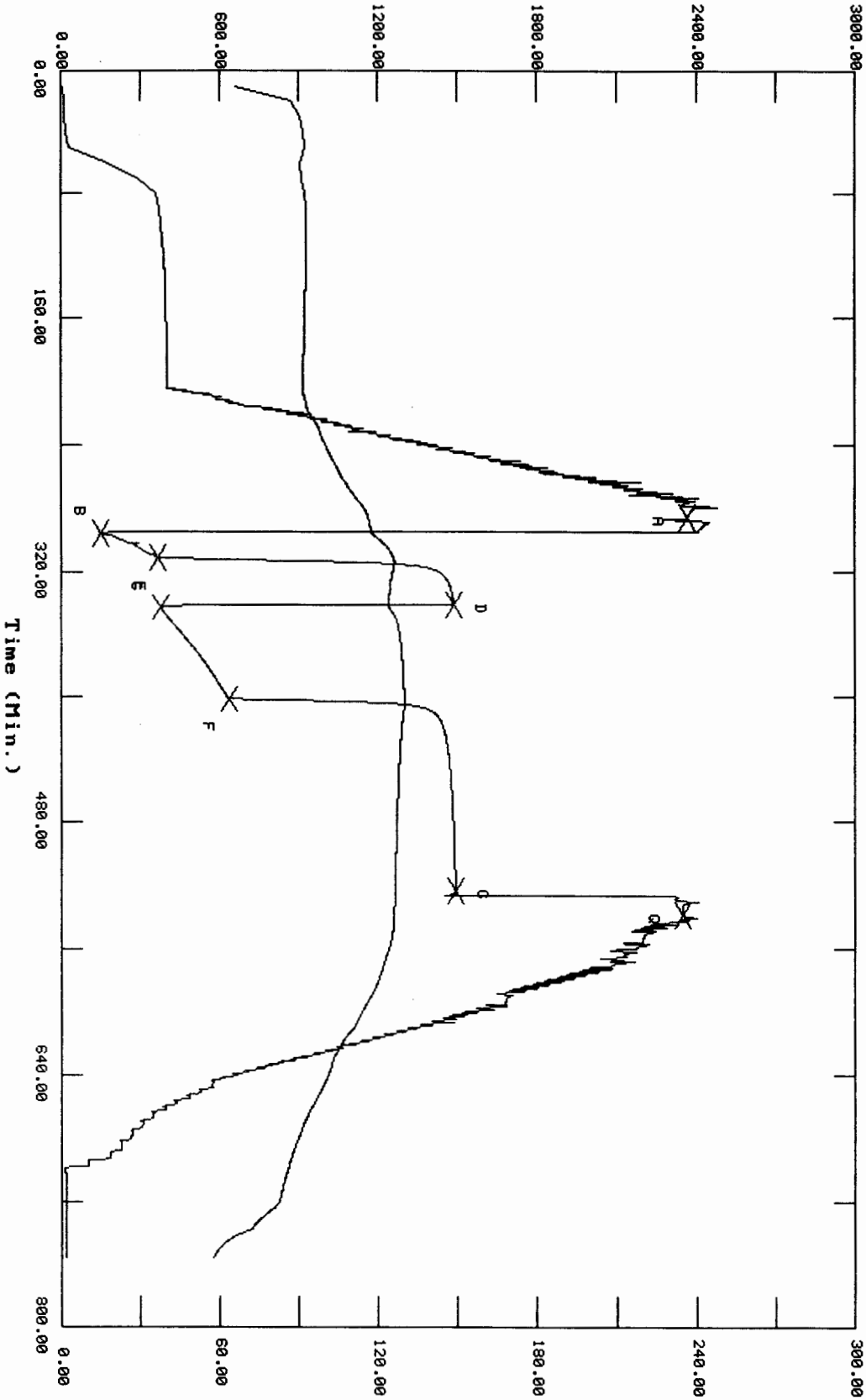
Test Successful: Y

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10225 D.S.T.#1 G & G #2-28 Berexco Inc.

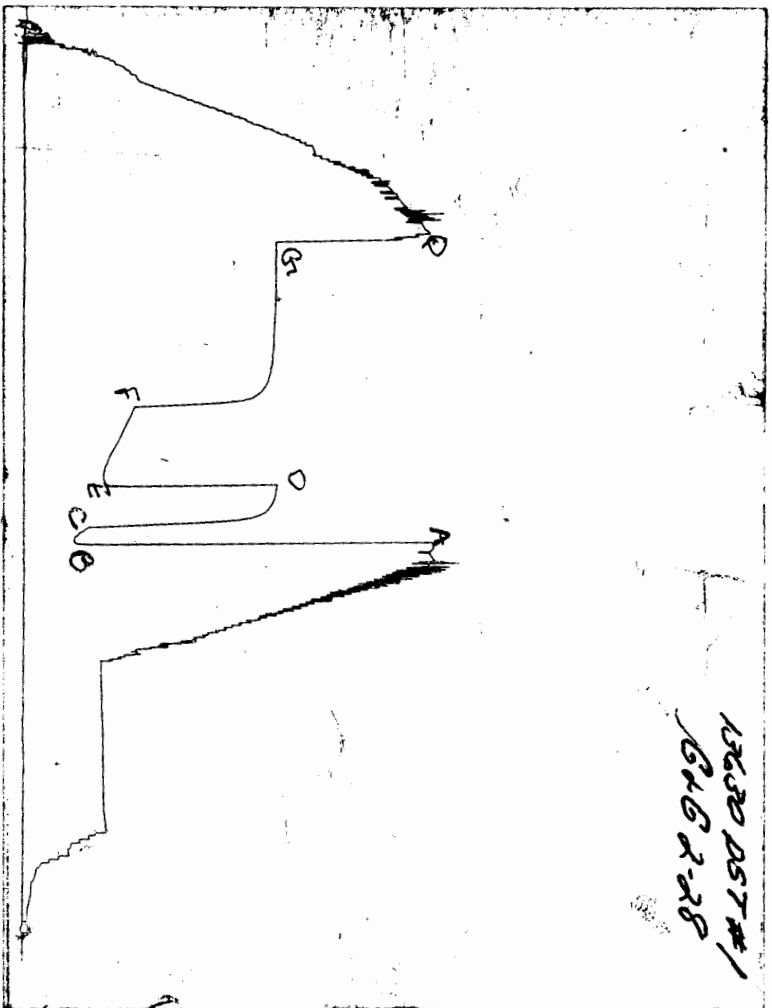
TEST HISTORY

Flag Points
{(Min.)} P (PSI)



Temperature (DEG F)

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

N^o 10225

Well Name & No. G+G #2-28 Test No. 1 Date 6-4-98
 Company Berexco Inc. Zone Tested Upper Mann
 Address 100 N. Broadway, Suite 970 Wichita, Ks. 67202 Elevation 3417 KB 3404 GL
 Co. Rep / Geo. Ed Grieves Cont. Bender Rig 2 Est. Ft. of Pay 19 Por. 14 %
 Location: Sec. 28 Twp. 30.S. Rge. 41 W. Co. Stanton State Ks.
 No. of Copies → Distribution Sheet (Y, N) Y Turnkey (Y, N) N. Evaluation (Y, N) _____

Interval Tested 4978-5020 Initial Str Wt./Lbs. 90,000 Unseated Str Wt./Lbs. 94,000
 Anchor Length 42' Tool = 27' Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 26,000
^{shale} Top Packer Depth 4973 Tool Weight 1800
^{hole} Bottom Packer Depth 4978 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Total Depth 5020 Wt. Pipe Run _____ Drill Collar Run 702
 Mud Wt. 9.0 LCM 12# Vis. 65 WL 7.6 Drill Pipe Size 4 1/2 x H Ft. Run 4268 19' up

Blow Description Weak, 1" built to strong ORB in 7 min. I.F.P.
No blow-backs I.F.S.T.P.
Surface blow, built to strong ORB in 13 min. F.F.P.
No blow-backs F.F.S.T.P.

| Recovery — Total Feet | GIP | Ft. in DC | Ft. in DP |
|--|---------------|------------|---------------------------------|
| <u>130</u> | <u>0</u> | <u>702</u> | <u>503</u> |
| Rec. <u>130</u> Feet Of <u>thick white cut mud</u> | %gas | %oil | <u>44</u> %water <u>56</u> %mud |
| Rec. <u>1075</u> Feet Of <u>Gassy Salt-Water</u> | <u>3</u> %gas | %oil | <u>97</u> %water %mud |
| Rec. _____ Feet Of _____ | %gas | %oil | %water %mud |
| Rec. _____ Feet Of _____ | %gas | %oil | %water %mud |
| Rec. _____ Feet Of _____ | %gas | %oil | %water %mud |

BHT 126 °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API
 RW 0.15 @ 45 °F Chlorides 82,000 ppm Recovery Chlorides 600 ppm System

| | | | |
|----------------------------------|-------------------------------|----------------------------------|---|
| (A) Initial Hydrostatic Mud | <u>2447</u> <u>2365</u> PSI | Recorder No. <u>3017 "14-52"</u> | T-Started <u>3:00 P.M.</u> |
| (B) First Initial Flow Pressure | <u>287</u> <u>146</u> PSI | (depth) <u>4980</u> | T-Open <u>7:50 P.M.</u> |
| (C) First Final Flow Pressure | <u>368</u> <u>364</u> PSI | Recorder No. <u>13630</u> | T-Pulled <u>11:35 P.M.</u> |
| (D) Initial Shut-in Pressure | <u>1511</u> <u>1487</u> PSI | (depth) <u>5017</u> | T-Out <u>4:00 A.M.</u> |
| (E) Second Initial Flow Pressure | <u>463</u> <u>373</u> PSI | Recorder No. _____ | |
| (F) Second Final Flow Pressure | <u>653</u> <u>632</u> PSI | (depth) _____ | |
| (G) Final Shut-in Pressure | <u>1502</u> <u>1492</u> PSI | Initial Opening <u>15</u> | Test <input checked="" type="checkbox"/> |
| (H) Final Hydrostatic Mud | <u>2391</u> <u>2344</u> PSI | Initial Shut-in <u>30</u> | Jars <input checked="" type="checkbox"/> |
| | <u>AK-1 Alpine</u> | Final Flow <u>60</u> | Safety Joint <input checked="" type="checkbox"/> |
| | | Final Shut-in <u>130</u> | Straddle _____ |
| | | | Circ. Sub/ _____ |
| | | | Sampler _____ |
| | | | <u>2</u> <u>W.S. Stand</u> <input checked="" type="checkbox"/> |
| | | | <u>2</u> <u>Extra Packers</u> <input checked="" type="checkbox"/> |
| | | | Elect. Rec. <input checked="" type="checkbox"/> |
| | | | Other <u>Shale Packers</u> <input checked="" type="checkbox"/> |

6048/452.017
 TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE 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 Ed Grieves