

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name HAZELTON #3 Test No. 1 Date 6/1/92
Company PETEX, INC. Zone LKC-"H"
Address 1610 SUNSHINE SPRINGFIELD MO 65804 Elevation 2964 K.B.
Co. Rep./Geo. TOM FUNK Cont. EMPHASIS RIG #8 Est. Ft. of Pay _____
Location: Sec. 12 Twp. 11S Rge. 31W Co. GOVE State KS

| | | | |
|---------------------|------------------|-----------------------------|-------------------------------|
| Interval Tested | <u>4135-4164</u> | Drill Pipe Size | <u>4.5 XH</u> |
| Anchor Length | <u>29</u> | Wt. Pipe I.D. - 2.7 Ft. Run | _____ |
| Top Packer Depth | <u>4130</u> | Drill Collar - 2.25 Ft. Run | _____ |
| Bottom Packer Depth | <u>4135</u> | Mud Wt. | <u>9</u> lb/Gal. |
| Total Depth | <u>4164</u> | Viscosity | <u>53</u> Filtrate <u>8.8</u> |

Tool Open @ 4:38 AM Initial Blow SLID TOOL 10' - LOST 30" MUD
GOOD BLOW OFF BOTTOM IN 18 MINUTES
Final Blow GOOD BLOW OFF BOTTOM IN 23 MINUTES

Recovery - Total Feet 100 Flush Tool? NO

| | | |
|-----------------|---------|---|
| Rec. <u>516</u> | Feet of | <u>GAS IN PIPE</u> |
| Rec. <u>100</u> | Feet of | <u>SLTLY GASSY OIL CUT MUD-1%GAS/5%OIL/94%MUD</u> |
| Rec. _____ | Feet of | _____ |
| Rec. _____ | Feet of | _____ |
| Rec. _____ | Feet of | _____ |

BHT 114 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 500 ppm System

(A) Initial Hydrostatic Mud 2074.5 PSI AK1 Recorder No. 2023 Range 4000

(B) First Initial Flow Pressure 25.3 PSI @ (depth) 4137 w / Clock No. 7452

(C) First Final Flow Pressure 34.2 PSI AK1 Recorder No. 13308 Range 4700

(D) Initial Shut-in Pressure 1266.9 PSI @ (depth) 4159 w / Clock No. 8689

(E) Second Initial Flow Pressure 34.2 PSI AK1 Recorder No. _____ Range _____

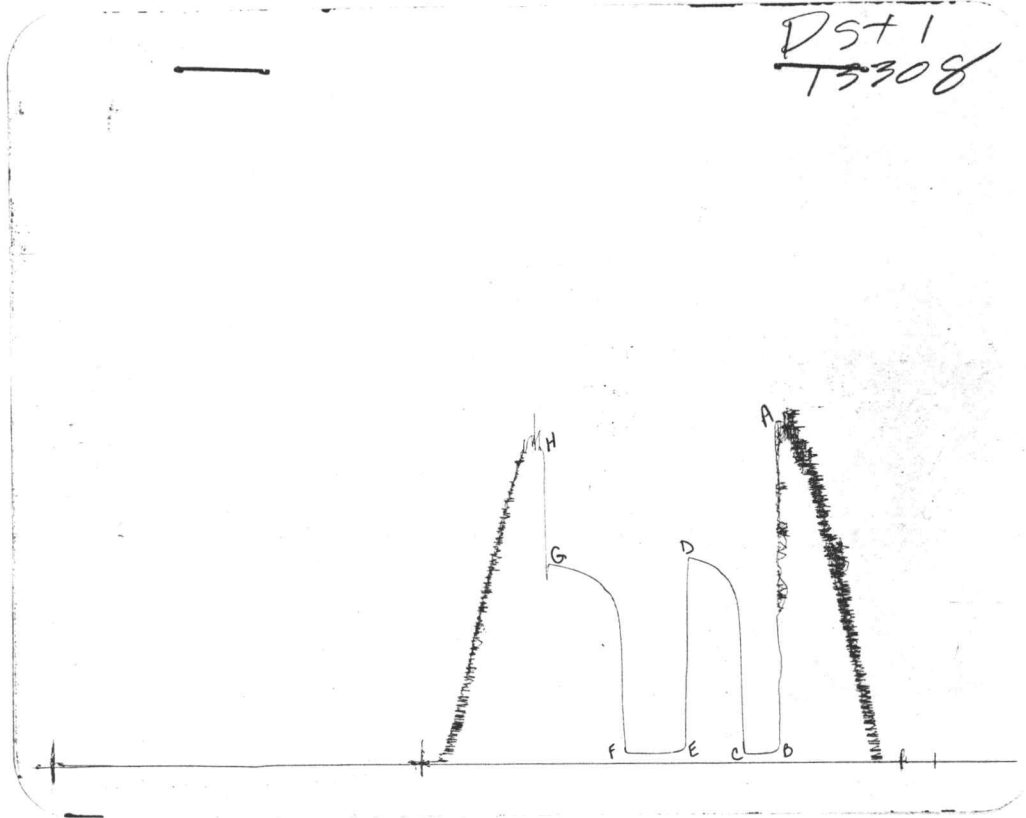
(F) Second Final Flow Pressure 46.7 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 1217.9 PSI Initial Opening 30 Final Flow 45

(H) Final Hydrostatic Mud 2028.7 PSI Initial Shut-in 45 Final Shut-in 60

Our Representative MARK HERSKOWITZ

CHART PAGE



This is an actual photograph of recorder chart

| | FIELD READING | OFFICE READING |
|----------------------------------|------------------|-------------------|
| (A) INITIAL HYDROSTATIC MUD | 2069 | 2074.5 |
| (B) FIRST INITIAL FLOW PRESSURE | 22 | 25.3 |
| (C) FIRST FINAL FLOW PRESSURE | 33 | 34.2 |
| (D) INITIAL CLOSED-IN PRESSURE | 1264 | 1266.9 |
| (E) SECOND INITIAL FLOW PRESSURE | 33 | 34.2 |
| (F) SECOND FINAL FLOW PRESSURE | 44 | 46.7 |
| (G) FINAL CLOSED-IN PRESSURE | 1215 | 1217.9 |
| (H) FINAL HYDROSTATIC MUD | 2029 | 2028.7 |

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name HAZELTON #3 Test No. 2 Date 6/1/92
Company PETEX, INC. Zone LKC-"I-J"
Address 1610 SUNSHINE SPRINGFIELD MO 65804 Elevation 2964 K.B.
Co. Rep./Geo. TOM FUNK Cont. EMPHASIS RIG #8 Est. Ft. of Pay _____
Location: Sec. 12 Twp. 11S Rge. 31W Co. GOVE State KS

| | | | |
|---------------------|------------------|-----------------------------|-------------------------------|
| Interval Tested | <u>4170-4215</u> | Drill Pipe Size | <u>4.5 XH</u> |
| Anchor Length | <u>45</u> | Wt. Pipe I.D. - 2.7 Ft. Run | _____ |
| Top Packer Depth | <u>4165</u> | Drill Collar - 2.25 Ft. Run | _____ |
| Bottom Packer Depth | <u>4170</u> | Mud Wt. | <u>9.2</u> lb/Gal. |
| Total Depth | <u>4215</u> | Viscosity | <u>49</u> Filtrate <u>6.4</u> |

Tool Open @ 7:10 PM Initial Blow GOOD BLOW OFF BOTTOM IN 13 MINUTES
Final Blow OFF BOTTOM IN 15 MINUTES

Recovery - Total Feet 45 Flush Tool? NO

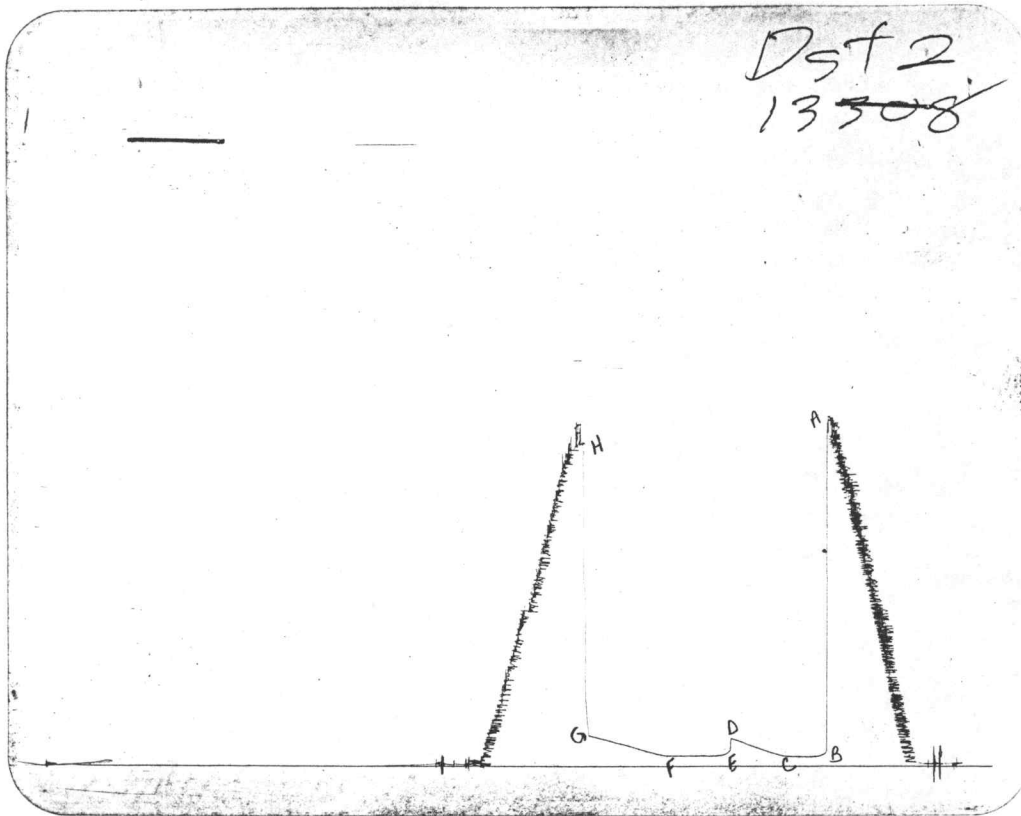
Rec. 511 Feet of GAS IN PIPE
Rec. 45 Feet of SLTLY GASSY OIL CUT MUD-1%GAS/2%OIL/97%MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 114 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 800 ppm System

| | | | | | |
|----------------------------------|-------------------|------------------|--------------|---------------|-------------|
| (A) Initial Hydrostatic Mud | <u>2074.5</u> PSI | AK1 Recorder No. | <u>2023</u> | Range | <u>4000</u> |
| (B) First Initial Flow Pressure | <u>25.3</u> PSI | @ (depth) | <u>4177</u> | w / Clock No. | <u>7452</u> |
| (C) First Final Flow Pressure | <u>25.3</u> PSI | AK1 Recorder No. | <u>13308</u> | Range | <u>4700</u> |
| (D) Initial Shut-in Pressure | <u>153.7</u> PSI | @ (depth) | <u>4210</u> | w / Clock No. | <u>8689</u> |
| (E) Second Initial Flow Pressure | <u>34.2</u> PSI | AK1 Recorder No. | _____ | Range | _____ |
| (F) Second Final Flow Pressure | <u>34.2</u> PSI | @ (depth) | _____ | w / Clock No. | _____ |
| (G) Final Shut-in Pressure | <u>166.9</u> PSI | Initial Opening | <u>30</u> | Final Flow | <u>45</u> |
| (H) Final Hydrostatic Mud | <u>2040.7</u> PSI | Initial Shut-in | <u>45</u> | Final Shut-in | <u>60</u> |

Our Representative MARK HERSKOWITZ

CHART PAGE



This is an actual photograph of recorder chart

| | FIELD READING | OFFICE READING |
|----------------------------------|------------------|-------------------|
| (A) INITIAL HYDROSTATIC MUD | 2069 | 2074.5 |
| (B) FIRST INITIAL FLOW PRESSURE | 22 | 25.3 |
| (C) FIRST FINAL FLOW PRESSURE | 22 | 25.3 |
| (D) INITIAL CLOSED-IN PRESSURE | 152 | 153.7 |
| (E) SECOND INITIAL FLOW PRESSURE | 33 | 34.2 |
| (F) SECOND FINAL FLOW PRESSURE | 33 | 34.2 |
| (G) FINAL CLOSED-IN PRESSURE | 162 | 166.9 |
| (H) FINAL HYDROSTATIC MUD | 2039 | 2040.7 |

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name HAZELTON #3 Test No. 3 Date 6/2/92
Company PETEX, INC. Zone LKC-"K"
Address 1610 SUNSHINE SPRINGFIELD MO 65804 Elevation 2964 K.B.
Co. Rep./Geo. TOM FUNK Cont. EMPHASIS RIG #8 Est. Ft. of Pay _____
Location: Sec. 12 Twp. 11S Rge. 31W Co. GOVE State KS

Interval Tested 4220-4246
Anchor Length 26
Top Packer Depth 4215
Bottom Packer Depth 4220
Total Depth 4246

Drill Pipe Size 4.5 XH
Wt. Pipe I.D. - 2.7 Ft. Run _____
Drill Collar - 2.25 Ft. Run _____
Mud Wt. 9.2 lb/Gal.
Viscosity 48 Filtrate 6.4

Tool Open @ 7:56 AM Initial Blow WEAK SURFACE BLOW DIED OFF IN 16 MINUTES

Final Blow NO BLOW-FLUSHED TOOL-WEAK BLOW 1 MINUTE DIED OFF

Recovery - Total Feet 10 Flush Tool? YES

Rec. 10 Feet of OIL STAINED MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 114 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 800 ppm System

(A) Initial Hydrostatic Mud 2091.6 PSI AK1 Recorder No. 2023 Range 4000

(B) First Initial Flow Pressure 10.8 PSI @ (depth) 4222 w / Clock No. 7452

(C) First Final Flow Pressure 10.8 PSI AK1 Recorder No. 13308 Range 4700

(D) Initial Shut-in Pressure 153.7 PSI @ (depth) 4241 w / Clock No. 8689

(E) Second Initial Flow Pressure 11.3 PSI AK1 Recorder No. _____ Range _____

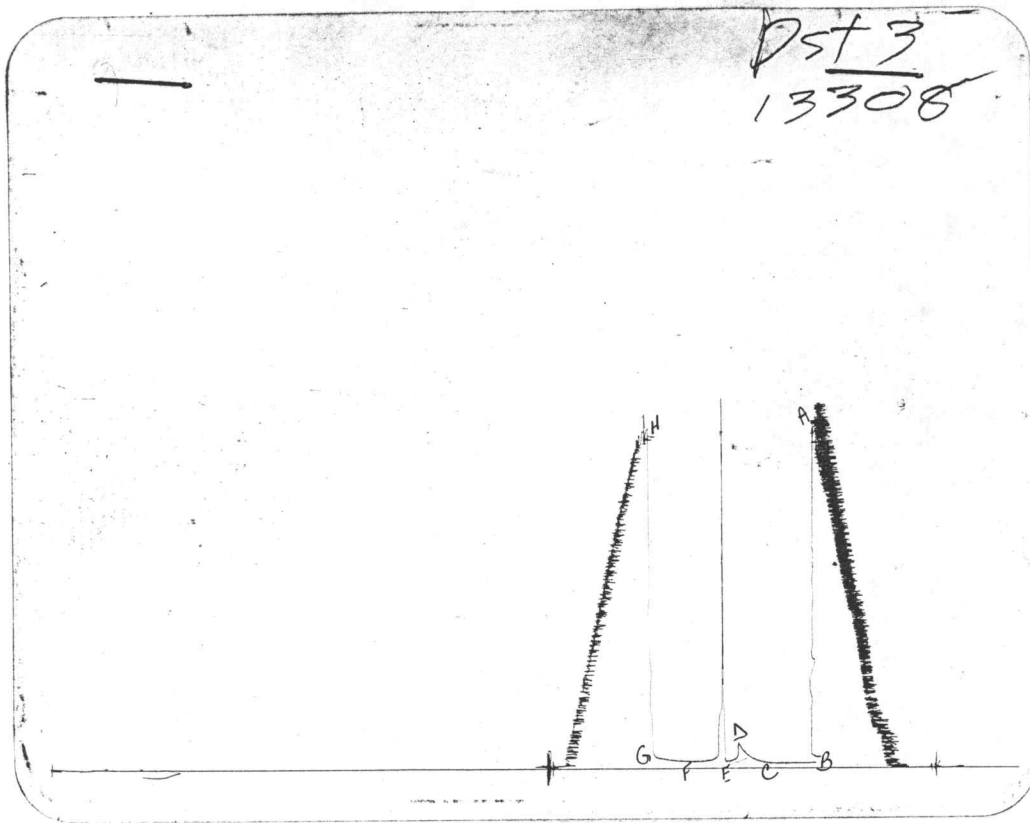
(F) Second Final Flow Pressure 11.3 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 60.8 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 2050.6 PSI Initial Shut-in 30 Final Shut-in 30

Our Representative MARK HERSKOWITZ

CHART PAGE



This is an actual photograph of recorder chart

| | FIELD READING | OFFICE READING |
|----------------------------------|------------------|-------------------|
| (A) INITIAL HYDROSTATIC MUD | 2089 | 2091.6 |
| (B) FIRST INITIAL FLOW PRESSURE | 11 | 10.8 |
| (C) FIRST FINAL FLOW PRESSURE | 11 | 10.8 |
| (D) INITIAL CLOSED-IN PRESSURE | 152 | 153.7 |
| (E) SECOND INITIAL FLOW PRESSURE | 11 | 11.3 |
| (F) SECOND FINAL FLOW PRESSURE | 11 | 11.3 |
| (G) FINAL CLOSED-IN PRESSURE | 55 | 60.8 |
| (H) FINAL HYDROSTATIC MUD | 2039 | 2050.6 |

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name HAZELTON #3 Test No. 4 Date 6/3/92
Company PETEX, INC. Zone PWNEE&MYRIK
Address 1610 SUNSHINE SPRINGFIELD MO 65804 Elevation 2964 K.B.
Co. Rep./Geo. TOM FUNK Cont. EMPHASIS RIG #8 Est. Ft. of Pay _____
Location: Sec. 12 Twp. 11S Rge. 31W Co. GOVE State KS

| | | | |
|---------------------|------------------|-----------------------------|-----------------------------|
| Interval Tested | <u>4390-4460</u> | Drill Pipe Size | <u>4.5 XH</u> |
| Anchor Length | <u>70</u> | Wt. Pipe I.D. - 2.7 Ft. Run | _____ |
| Top Packer Depth | <u>4385</u> | Drill Collar - 2.25 Ft. Run | _____ |
| Bottom Packer Depth | <u>4390</u> | Mud Wt. | <u>9.4</u> lb/Gal. |
| Total Depth | <u>4460</u> | Viscosity | <u>47</u> Filtrate <u>8</u> |

Tool Open @ 12:13 PM Initial Blow WEAK SURFACE BLOW TO 2" IN 30 MINUTES

Final Blow NO BLOW 26 MIN/WEAK SURFACE BLOW TO 3/4" IN 19 MINUTES

Recovery - Total Feet 40 Flush Tool? NO

Rec. 40 Feet of SLTLY OIL STAINED MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 117 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 800 ppm System

(A) Initial Hydrostatic Mud 2234.1 PSI AK1 Recorder No. 2023 Range 4000

(B) First Initial Flow Pressure 10.8 PSI @ (depth) 4392 w / Clock No. 7452

(C) First Final Flow Pressure 25.3 PSI AK1 Recorder No. 13308 Range 4700

(D) Initial Shut-in Pressure 1090.6 PSI @ (depth) 4455 w / Clock No. 8689

(E) Second Initial Flow Pressure 25.3 PSI AK1 Recorder No. _____ Range _____

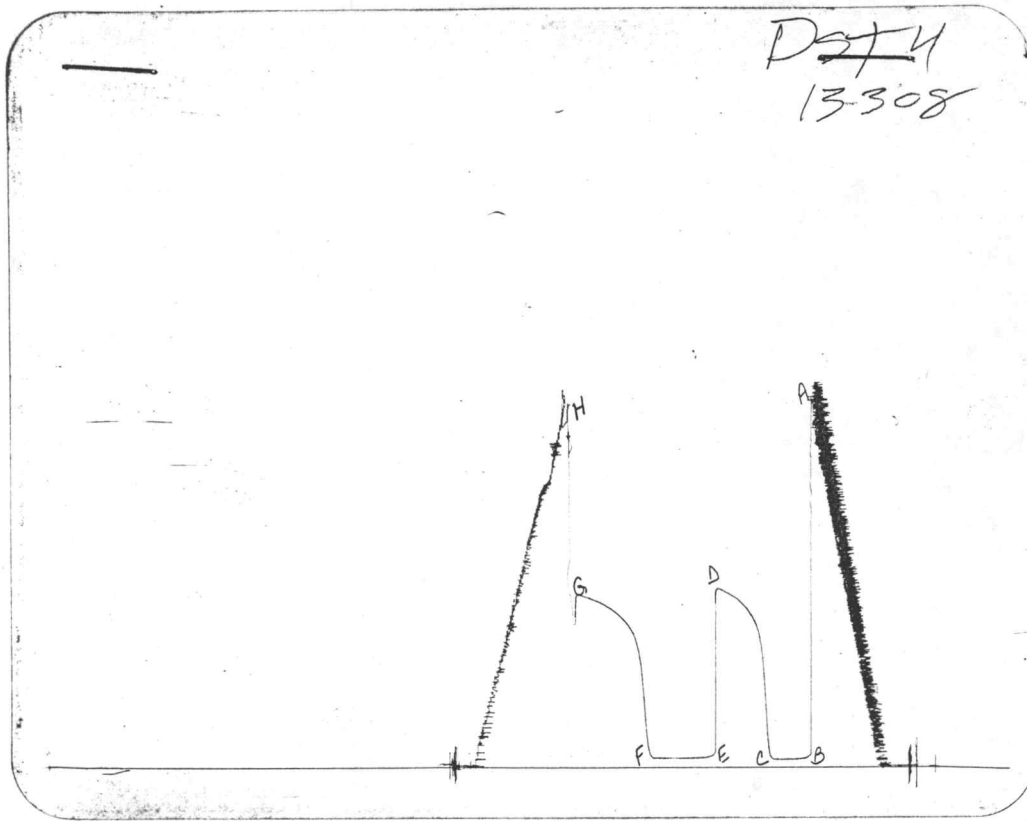
(F) Second Final Flow Pressure 10.8 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 1054.7 PSI Initial Opening 30 Final Flow 45

(H) Final Hydrostatic Mud 2194.6 PSI Initial Shut-in 45 Final Shut-in 60

Our Representative MARK HERSKOWITZ

CHART PAGE



This is an actual photograph of recorder chart

| | FIELD READING | OFFICE READING |
|----------------------------------|------------------|-------------------|
| (A) INITIAL HYDROSTATIC MUD | 2230 | 2234.1 |
| (B) FIRST INITIAL FLOW PRESSURE | 11 | 10.8 |
| (C) FIRST FINAL FLOW PRESSURE | 22 | 25.3 |
| (D) INITIAL CLOSED-IN PRESSURE | 1089 | 1090.6 |
| (E) SECOND INITIAL FLOW PRESSURE | 22 | 25.3 |
| (F) SECOND FINAL FLOW PRESSURE | 33 | 10.8 |
| (G) FINAL CLOSED-IN PRESSURE | 1051 | 1054.7 |
| (H) FINAL HYDROSTATIC MUD | 2190 | 2194.6 |