

Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530

(316) 792-6902

Date 12-9-1995 Location 33-20³-11W 1220 FSL-1830 FUL-SHE Elevation 1794 K.B. 1786 G.L. County Barton

Company F.G. Hall Company L.L.C. Number of Copies 5

Charts Mailed to 6427 East Kellogg P.O. Box 78067 Wichita Kansas 67278-0167

Drilling Contractor Sterling Drilling Rig #4

Length Drill Pipe 2621 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" X.H.

Length Weight Pipe NONE I.D. Weight Pipe NONE Tool Joint Size NONE

Length Drill Collars 483 I.D. Drill Collars 8.25 Tool Joint Size 4 1/2" X.H.

Top Packer Depth 3110 Bottom Packer Depth 3115 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3125 TO 3165 ANCHOR LENGTH 40 TOTAL DEPTH 3165 Hole Size 7 7/8

LEASE & WELL NO. MEYER # 2-33 FORMATION TESTED KANSAS CITY "A-BEST" NO. 1

Mud Weight 9.1 Viscosity 41 Water Loss 7.2 Chlorides - Pits 4000 D.S.T.

Maximum Temp. 95 °F Initial Hydrostatic Pressure (A) 1591 P.S.I. Final Hydrostatic Pressure (H) 1538 P.S.I.

Tool Open I.F.P. from 3:00 A.m to 3:15 A.m 15 min from [B] 48 P.S.I. to [C] 49 P.S.I.

Tool Closed I.C.I.P. from 3:15 A.m to 3:45 A.m 30 min [D] 53 P.S.I.

Tool Open F.F.P. from 3:45 A.m to 4:00 A.m 15 min from [E] 47 P.S.I. to [F] 48 P.S.I.

Tool Closed F.C.I.P. from 4:00 A.m to 4:30 A.m 30 min [G] 54 P.S.I.

Initial Blow WEAK blow for 9 minutes & DIED

Final Blow No blow

Total Feet Recovered 5 Gravity of Oil _____ Correct

5 Feet of mud with a show of oil between % Gas _____ % Oil _____ % Mud _____ % Wat _____

Feet of the tools % Gas _____ % Oil _____ % Mud _____ % Wat _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Wat _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Wat _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Wat _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Wat _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Wat _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Wat _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Wat _____

Remarks _____

Extra Equipment - Jars NONE Safety Joint NONE Extra Packer NONE Straddle NONE Hook Wall NONE

Top Recorder No. 78225 Clock No. ELECTRONIC Depth _____ Cir. Sub NONE Sampler NONE

Bottom Recorder No. 11028 Clock No. 47441 Depth _____ Insurance NONE

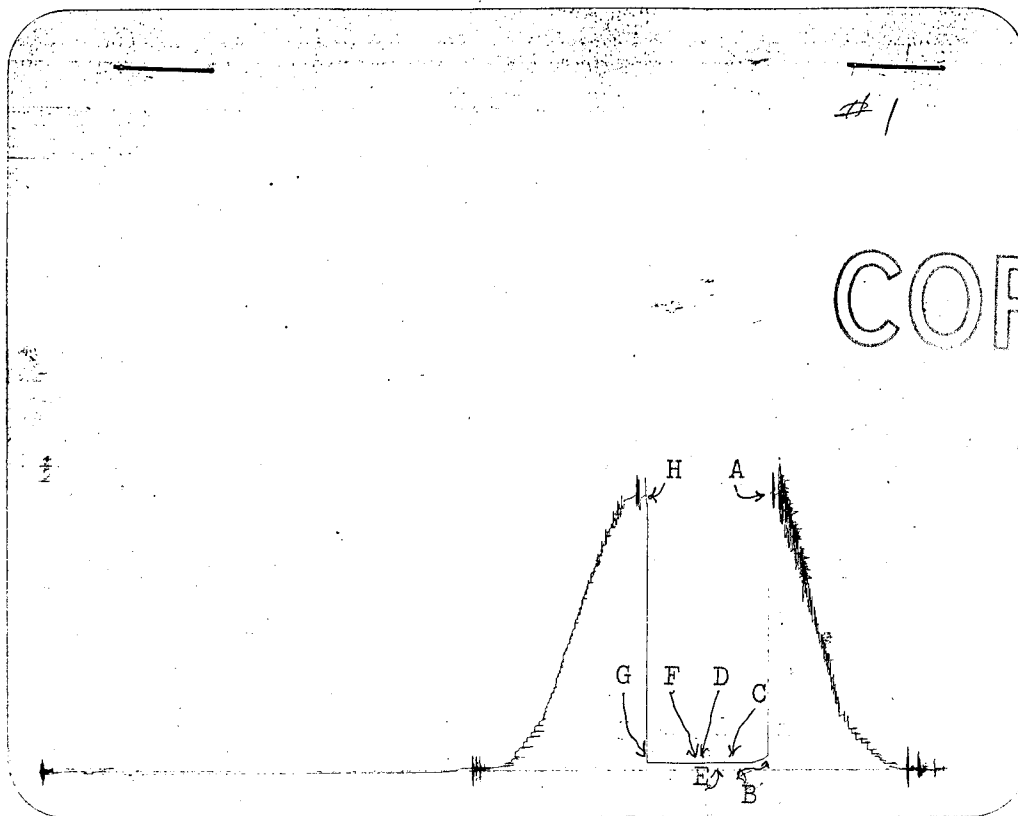
Price of Job _____

Tool Operator Gene Budig

Approved By _____

NO 11107

Superior Testers Enterprises, Inc. shall not be liable for damage of any kind to 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.



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud	<u>1591</u>	<u>1587</u>	P.S.I.
(B) First Initial Flow Pressure	<u>48</u>	<u>83</u>	P.S.I.
(C) First Final Flow Pressure	<u>49</u>	<u>44</u>	P.S.I.
(D) Initial Closed-in Pressure	<u>53</u>	<u>45</u>	P.S.I.
(E) Second Initial Flow Pressure	<u>47</u>	<u>42</u>	P.S.I.
(F) Second Final Flow Pressure	<u>48</u>	<u>42</u>	P.S.I.
(G) Final Closed-in Pressure	<u>54</u>	<u>46</u>	P.S.I.
(H) Final Hydrostatic Mud	<u>1538</u>	<u>1474</u>	P.S.I.

Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530

(316) 792-6902

Date 12-9-1995 Location 33-20³-11^W Elevation 1794 K.B. County Barton

Company F.G. Hall Company L.L.C. Number of Copies 5

Charts Mailed to 6427 East Kellogg P.O. Box 780167 Wichita Kansas 67278-01

Drilling Contractor Sterling Drilling Rig #4

Length Drill Pipe 2661 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" X.H.

Length Weight Pipe NONE I.D. Weight Pipe NONE Tool Joint Size NONE

Length Drill Collars 483 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X.H.

Top Packer Depth 3160 Bottom Packer Depth 3165 Number of Packers 5 Packer Size 6 3/4"

TESTED FROM 3165 TO 3185 ANCHOR LENGTH 20 TOTAL DEPTH 3185 Hole Size 7 7/8

LEASE & WELL NO. MEYER # 2-33 FORMATION TESTED KANSAS CITY "D." TEST NO. 2

Mud Weight 9.3 Viscosity 53 Water Loss 8.9 Chlorides - Pits 5000 D.S.T.

Maximum Temp. 88 °F Initial Hydrostatic Pressure (A) 1590 P.S.I. Final Hydrostatic Pressure (H) 1525 P.S.I.

Tool Open I.F.P. from 1:20 ^{2:15} P.m. to 1:25 ^{2:30} P.m. 15 min

Tool Closed I.C.I.P. from 1:25 ^{2:30} P.m. to 1:45 ^{3:00} P.m. 30 min

Tool Open F.F.P. from 3:00 P.m. to 3:15 P.m. 15 min

Tool Closed F.C.I.P. from 3:15 P.m. to 3:45 P.m. 30 min

Initial Blow VERY WEAK SURFACE blow through out

Final Blow VERY WEAK SURFACE blow for 3 minutes & DIED

Total Feet Recovered 2 Gravity of Oil Corre

2 Feet of MUD with a few spots of oil & % Gas % Oil % Mud % W

Feet of A Good show between the tools % Gas % Oil % Mud % W

Feet of % Gas % Oil % Mud % W

Feet of % Gas % Oil % Mud % W

Feet of % Gas % Oil % Mud % W

Feet of % Gas % Oil % Mud % W

Feet of % Gas % Oil % Mud % W

Feet of % Gas % Oil % Mud % W

Feet of % Gas % Oil % Mud % W

Remarks

Extra Equipment - Jars NONE Safety Joint NONE Extra Packer NONE Straddle NONE Hook Wall NONE

Top Recorder No. 78225 Clock No. ELECTRONIC Depth 3178 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 11087 Clock No. 47441 Depth 2182 Insurance NONE

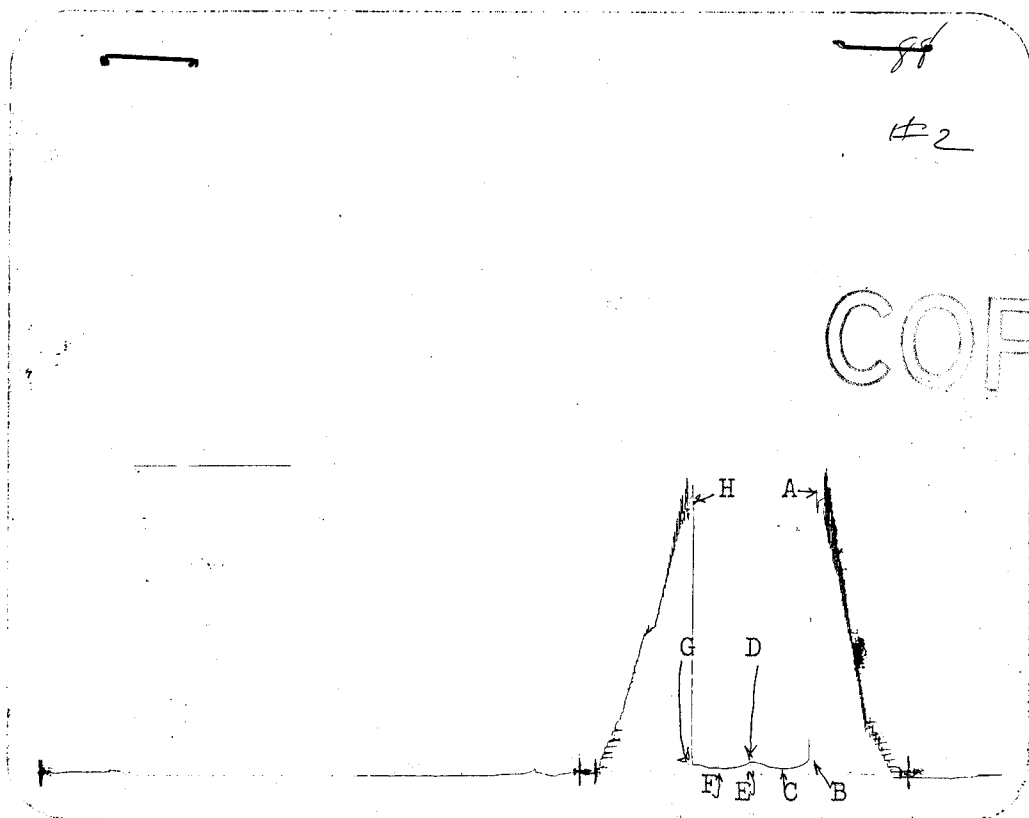
Price of Job

Tool Operator Gene Rudy

Approved By

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No 11108



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud	<u>1598</u>	<u>1560</u>	P.S.I.
(B) First Initial Flow Pressure	<u>37</u>	<u>39</u>	P.S.I.
(C) First Final Flow Pressure	<u>39</u>	<u>34</u>	P.S.I.
(D) Initial Closed-in Pressure	<u>67</u>	<u>70</u>	P.S.I.
(E) Second Initial Flow Pressure	<u>44</u>	<u>34</u>	P.S.I.
(F) Second Final Flow Pressure	<u>37</u>	<u>33</u>	P.S.I.
(G) Final Closed-in Pressure	<u>51</u>	<u>57</u>	P.S.I.
(H) Final Hydrostatic Mud	<u>1525</u>	<u>1570</u>	P.S.I.

Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530

(316) 792-6902

Date 12-10-95 Location 33-20-11^SW Elevation 1794 R.D. County Barber
Company D. A. Hall Company, Inc. Number of Copies _____
Charts Mailed to 6427 East Kellogg P.O. Box 780167 Wichita, KS 672
Drilling Contractor Sterling Drilling Co. Rig 4
Length Drill Pipe 2691 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2 X.H.
Length Weight Pipe none I.D. Weight Pipe none Tool Joint Size none
Length Drill Collars 483 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X.H.
Top Packer Depth 3170 Bottom Packer Depth 3175 Number of Packers 2 Packer Size 6 3/4"
TESTED FROM 3175' TO 3215 ANCHOR LENGTH 40 TOTAL DEPTH _____ Hole Size 7 7/8
LEASE & WELL NO. Meyer #33 FORMATION TESTED Kansas City TEST NO. 3
Mud Weight 9.3 Viscosity 53 Water Loss 8.0 Chlorides - Pits 5000 D.S.T. _____
Maximum Temp. 92 °F Initial Hydrostatic Pressure (A) 1616 P.S.I. Final Hydrostatic Pressure (H) 1583 P.S.I.
Tool Open I.F.P. from 3:15 m to 3:45 m 30 min
Tool Closed I.C.I.P. from 3:45 m to 4:45 m 60 min
Tool Open F.F.P. from 4:45 m to 5:45 m 60 min
Tool Closed F.C.I.P. from 5:45 m to 7:15 m 90 min
Initial Blow strong blow throughout did in 5 minutes
Final Blow good to fair blow on second open
Total Feet Recovered 240 Gravity of Oil _____ Correct

from [B]	<u>55</u>	P.S.I. to [C]	<u>77</u>	P.S.I.
[D]	<u>265</u>			P.S.I.
from [E]	<u>99</u>	P.S.I. to [F]	<u>110</u>	P.S.I.
[G]	<u>232</u>			P.S.I.

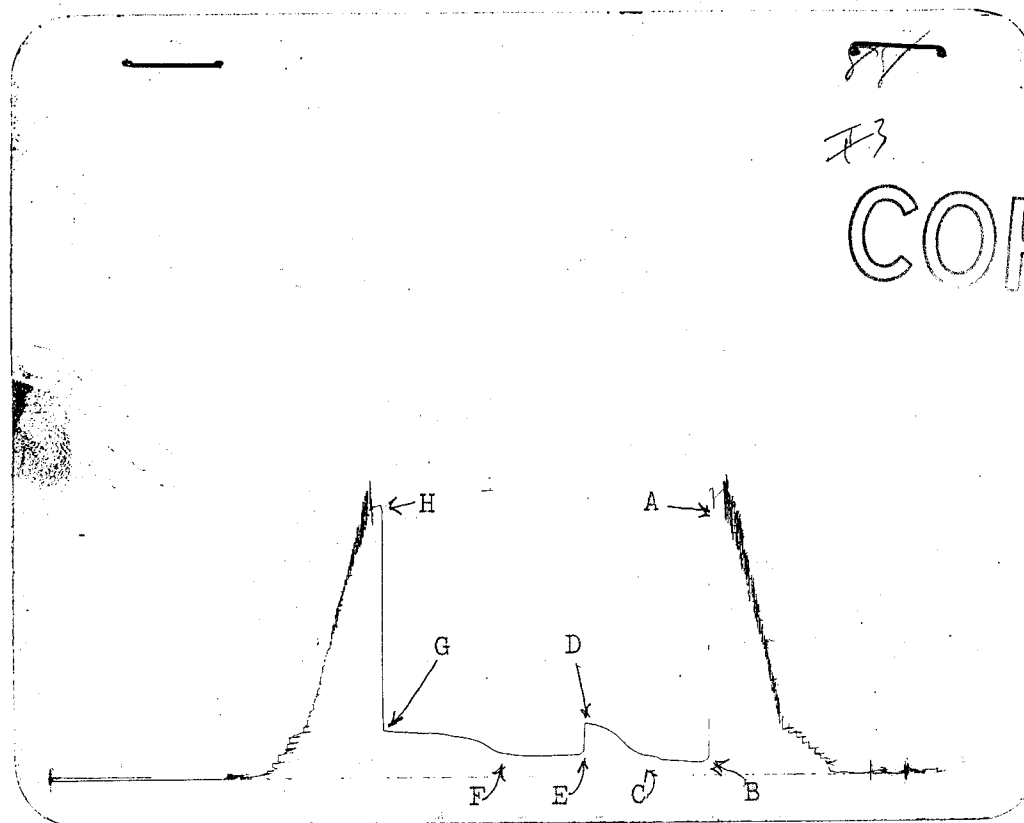
<u>260</u> Feet of	<u>gassy oil cut mud</u>	<u>20</u> % Gas	<u>40</u> % Oil	<u>40</u> % Mud	<u>—</u> % Wat
<u>60</u> Feet of	<u>very gassy oil cut mud</u>	<u>60</u> % Gas	<u>10</u> % Oil	<u>30</u> % Mud	<u>—</u> % Wat
<u>120</u> Feet of	<u>very gassy heavy oil cut mud</u>	<u>55</u> % Gas	<u>35</u> % Oil	<u>10</u> % Mud	<u>—</u> % Wat
<u>120</u> Feet of	<u>GAS IN PIPE</u>				

RECEIVED
KANSAS CORPORATION COMMISSION
APR 10 1996
CONSERVATION DIVISION
WICHITA, KS
Remarks _____

Extra Equipment - Jars NONE Safety Joint NONE Extra Packer NONE Straddle NONE Hook Wall NONE
Top Recorder No. _____ Clock No. _____ Depth 3207 Cir. Sub NONE Sampler NONE
Bottom Recorder No. 11087 Clock No. 47441 Depth 3212 Insurance NONE
Price of Job _____
Tool Operator Eine Dudy
Approved By _____

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No 11109



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud	<u>1616</u>	<u>1597</u>	P.S.I.
(B) First Initial Flow Pressure	<u>53</u>	<u>64</u>	P.S.I.
(C) First Final Flow Pressure	<u>77</u>	<u>65</u>	P.S.I.
(D) Initial Closed-in Pressure	<u>265</u>	<u>266</u>	P.S.I.
(E) Second Initial Flow Pressure	<u>99</u>	<u>101</u>	P.S.I.
(F) Second Final Flow Pressure	<u>110</u>	<u>108</u>	P.S.I.
(G) Final Closed-in Pressure	<u>232</u>	<u>230</u>	P.S.I.
(H) Final Hydrostatic Mud	<u>1583</u>	<u>1509</u>	P.S.I.

Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530

(316) 792-6902

Date 12-11-95 Location 33-30-11 Elevation 1794 KB County Barton

Company D. S. Hall Company, L.L.C. Number of Copies

Charts Mailed to 4427 East Kellogg P.O. Box 186167 Wichita, Kansas 67278

Drilling Contractor Sterling Drilling Co. Rig 4

Length Drill Pipe I.D. Drill Pipe 3.800 Tool Joint Size 4 1/2 X H

Length Weight Pipe none I.D. Weight Pipe none Tool Joint Size none

Length Drill Collars 483 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2 X H

Top Packer Depth 3336 Bottom Packer Depth 3341 Number of Packers 2 Packer Size 5 3/4"

TESTED FROM 3341' TO 3383' ANCHOR LENGTH 42' TOTAL DEPTH 3383' Hole Size 7 1/4"

LEASE & WELL NO. Meyers #2-33 FORMATION TESTED L. Kansas sand TEST NO. 4

Mud Weight 9.3 Viscosity 53 Water Loss 8.8 Chlorides - Pits 6000 D.S.T.

Maximum Temp. 92° °F Initial Hydrostatic Pressure (A) 1671 P.S.I. Final Hydrostatic Pressure (H) 1671 P

Tool Open I.F.P. from 3:45 m to 4:15 m 30 min

from [B] 55 P.S.I. to [C] 110 P.S.

Tool Closed I.C.I.P. from 4:15 m to 5:15 m 60 min

[D] 508 P.S.

Tool Open F.F.P. from 5:15 m to 6:15 m 60 min

from [E] 108¹⁸⁸ P.S.I. to [F] 142³⁵⁴ P.S.

Tool Closed F.C.I.P. from 6:15 m to 7:45 m 90 min

[G] 892 P.S.

Initial Blow good steady blow through out

Final Blow good steady blow through out

Total Feet Recovered 2500' of gas in drill pipe 540' Gravity of Oil Correl

180 Feet of clean gassy oil % Gas 100 % Oil % Mud % Wa

160-180 Feet of gassy oil cut mud. 60 % Gas 20 % Oil 20 % Mud % Wa

160-180 Feet of gassy muddy oil cut mud 60 % Gas 10 % Oil 30 % Mud % Wa

 Feet of % Gas % Oil % Mud % Wa

 Feet of % Gas % Oil % Mud % Wa

 Feet of % Gas % Oil % Mud % Wa

 Feet of % Gas % Oil % Mud % Wa

 Feet of % Gas % Oil % Mud % Wa

 Feet of % Gas % Oil % Mud % Wa

 Feet of % Gas % Oil % Mud % Wa

 Feet of % Gas % Oil % Mud % Wa

Remarks

Extra Equipment - Jars none Safety Joint none Extra Packer none Straddle none Hook Wall none

Top Recorder No. 11 Clock No. Depth 3376 Cir. Sub none Sampler none

Bottom Recorder No. 11087 Clock No. 47441 Depth 3380 Insurance

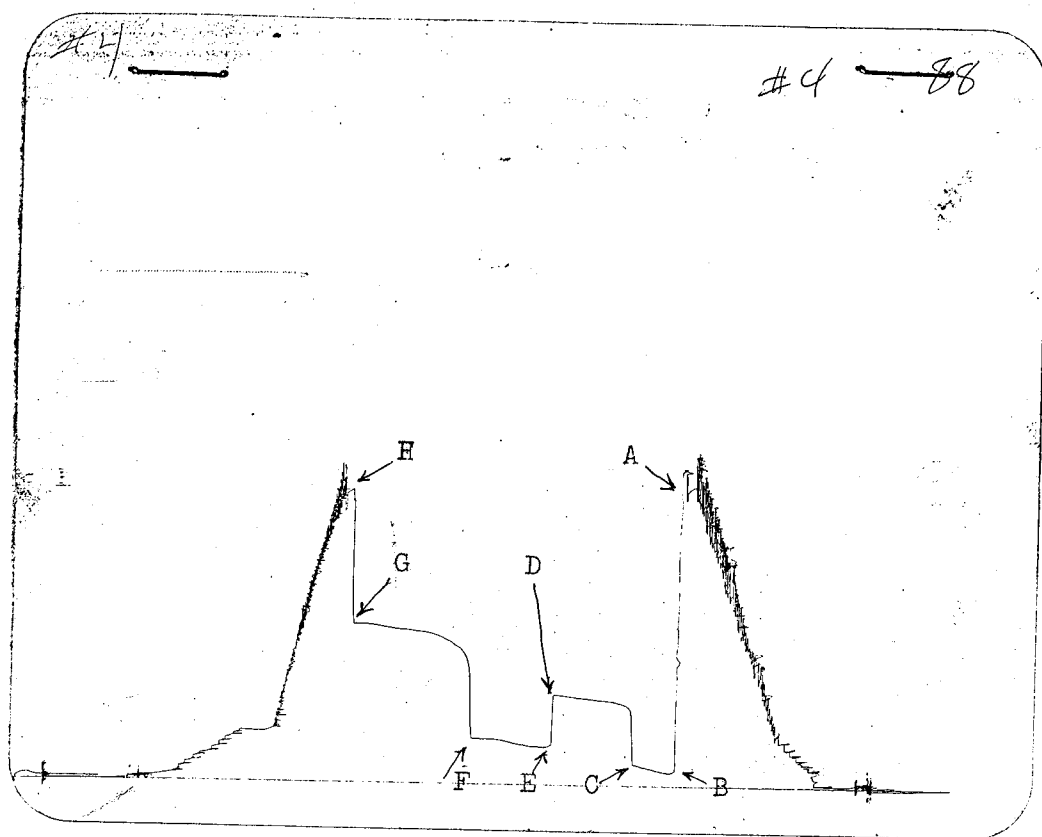
Price of Job

Tool Operator Dene Budig

Approved By

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No 11110



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud	<u>1671</u>	<u>1692</u>	P.S.I.
(B) First Initial Flow Pressure	<u>55</u>	<u>76</u>	P.S.I.
(C) First Final Flow Pressure	<u>110</u>	<u>127</u>	P.S.I.
(D) Initial Closed-in Pressure	<u>508</u>	<u>513</u>	P.S.I.
(E) Second Initial Flow Pressure	<u>198</u>	<u>217</u>	P.S.I.
(F) Second Final Flow Pressure	<u>254</u>	<u>257</u>	P.S.I.
(G) Final Closed-in Pressure	<u>892</u>	<u>905</u>	P.S.I.
(H) Final Hydrostatic Mud	<u>1671</u>	<u>1645</u>	P.S.I.