

Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date February 16-1988 Location C-NW-SE 29-29-6 Elevation _____ County Kingman

Company ENERGY THREE INC. Number of Copies 5

Charts Mailed to P.O. Box 1505 Great Bend Kansas 67530

Drilling Contractor Duke Drilling Rig #2

Length Drill Pipe 3108 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" X.H.

Length Weight Pipe 439 I.D. Weight Pipe 2.75 Tool Joint Size 4 1/2" X.H.

Length Drill Collars 62 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X.H.

Top Packer Depth 3623 Bottom Packer Depth 3628 Number of Packers 2 Packer Size 6 3/4

TESTED FROM 3628 TO 3642 ANCHOR LENGTH 14 TOTAL DEPTH 3642 Hole Size 7 7/8

LEASE & WELL NO. Stucky-Belt #1 FORMATION TESTED Kansas City TEST NO. 1

Mud Weight 9.1 Viscosity 45 Water Loss 12.9 Chlorides - Pits 5500 D.S.T. 36000

Maximum Temp. 109 °F Initial Hydrostatic Pressure (A) 1792 P.S.I. Final Hydrostatic Pressure (H) 1770 P.S.I.

Tool Open I.F.P. from 10:45 p.m. to 11:15 p.m. 30 min

Tool Closed I.C.I.P. from 11:15 p.m. to 12:00 A.m. 45 min

Tool Open F.F.P. from 12:00 A.m. to 12:30 A.m. 30 min

Tool Closed F.C.I.P. from 12:30 A.m. to 1:45 A.m. 45 min

Initial Blow Good blow - off the bottom of a 5 Gallon bucket in 1 1/2 min.

Final Blow Good blow - off the bottom of a 5 Gallon bucket in 5 min.

Total Feet Recovered 1125 Gravity of Oil _____ Corrected

890 Feet of GAS in the pipe % Gas _____ % Oil _____ % Mud _____ % Water _____

40 Feet of Oil & GAS cut watery mud 25 % Gas 20 % Oil 30 % Mud 25 % Water

120 Feet of Slightly Oil & GAS cut muddy water 20 % Gas 5 % Oil 30 % Mud 45 % Water

240 Feet of Very Slightly Oil, GAS & mud cut water 0 % Gas 3 % Oil 3 % Mud 94 % Water

400 Feet of Very Slightly mud cut water w/ trace of oil % Gas _____ % Oil LESS THAN 1 % Mud 3 % Mud 97 % Water

375 Feet of water 0 % Gas 0 % Oil 0 % Mud 100 % Water

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

_____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

Remarks _____

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

Top Recorder No. 11087 Clock No. 47441 Depth 3636 Cir. Sub _____ Sampler NONE

Bottom Recorder No. 11088 Clock No. 47442 Depth 3639 Insurance NONE

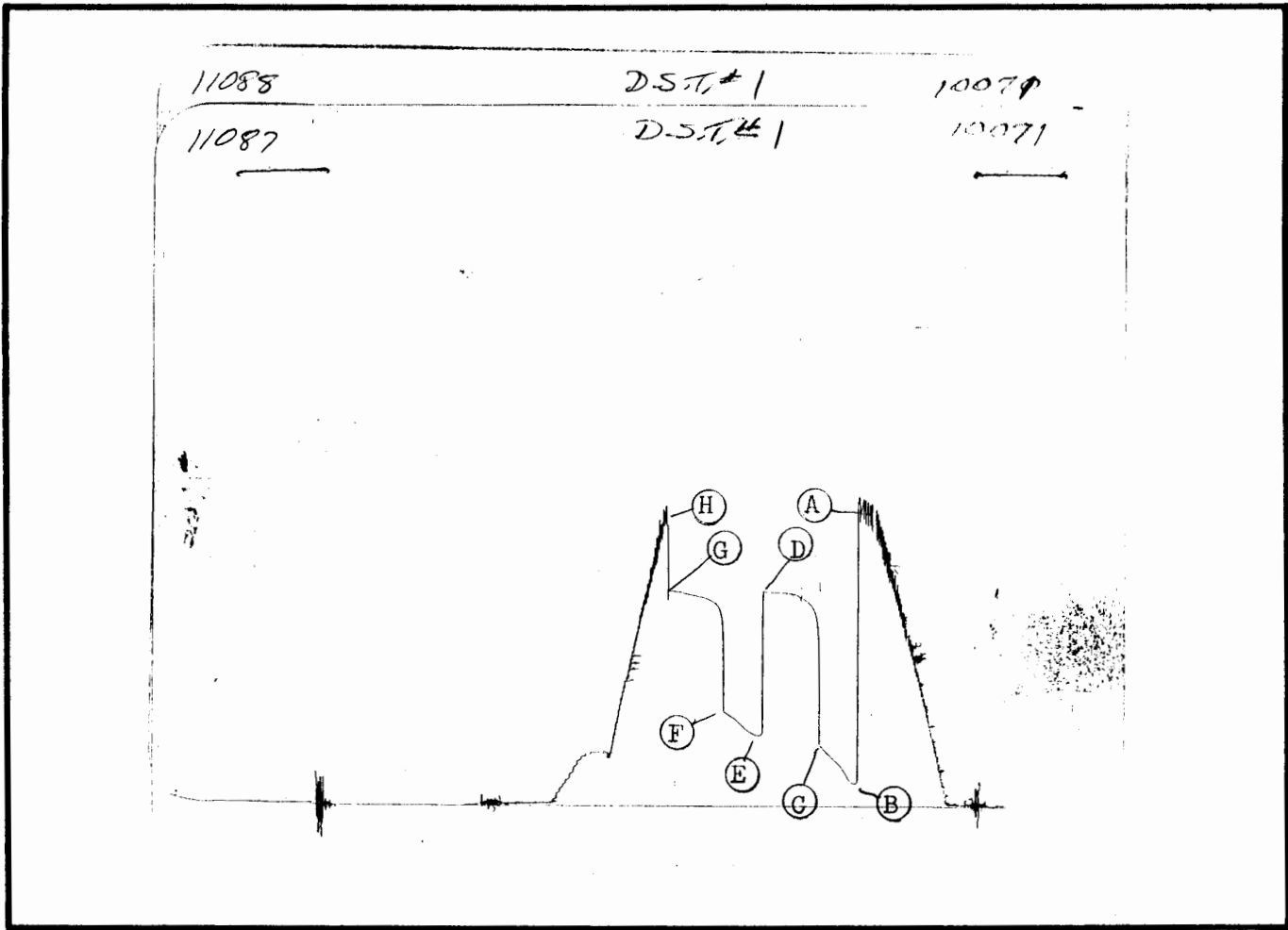
Price of Job \$400.00

Tool Operator Gene Sudig

Approved By _____

No 10071

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, of 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	1792	1781	P.S.I.
(B) First Initial Flow Pressure	121	135	P.S.I.
(C) First Final Flow Pressure	353	365	P.S.I.
(D) Initial Closed-in Pressure	1287	1294	P.S.I.
(E) Second Initial Flow Pressure	397	424	P.S.I.
(F) Second Final Flow Pressure	541	567	P.S.I.
(G) Final Closed-in Pressure	1287	1297	P.S.I.
(H) Final Hydrostatic Mud	1770	1665	P.S.I.

SUPERIOR TESTERS ENTERPRISES INC.

WELL IDENTIFICATION DATA

COMPANY : ENERGY THREE INC. WELL NAME : STUCKY-BOLDT #1
ADDRESS : P.O. BOX 1505 GREAT BEND LOCATION : C-NW-SE 29-29-6
STATE & COUNTY : KANSAS, KINGMAN FIELD :
ELEV.(GR) : 1527 (KB) : 1535 TEST DATE : 2-16-1988

EQUIPMENT AND HOLE DATA

FORMATION TESTED : KANSAS CITY DRILL PIPE LENGTH(ft) : 3108
TEST INT. KB : 3628 to 3642 DRILL PIPE O.D.(in) : 3.82
ANCHOR LENGTH(ft) : 14 WEIGHT PIPE LENGTH(ft) : 439
TYPE OF TEST : Conventional WEIGHT PIPE ID : 2.75
TOTAL DEPTH(ft-kg) : 3642 DRILL COLLAR LENGTH(ft) : 62
MAIN HOLE SIZE(in) : 7 7/8 DRILL COLLAR I.D.(in) : 2.259
MUD WEIGHT : 9.1 TOP PACKER DEPTH(kb) : 3623
MUD VISCOSITY : 45 BOTTOM PACKER DEPTH(kb) : 3628
MUD CHLORIDES : 5500 DUAL PACKERS :
SURFACE CHOKE : 3/4 PACKER SIZE(in) : 6 3/4
BOTTOM CHOKE(in) : 3/4 PACKER HOLD : Yes
TOOL SIZE(O.D.) : 5 1/2 TOOL PLUG : No
TOOL JOINT SIZE(F.H.) : 4 1/2 REVERSED OUT : No
RESERVOIR TEMPERATURE(F) : 109 TEST TICKET NUMBER : 10071

EXTRA EQUIPMENT :

ELEMENT SERIAL NO. : 11087
RANGE : 0 - 4350 CLOCK RANGE : 12 HOURS
CAL. EQU. : 1094.24 * Def1. + 5.06

SURFACE BLOW

1st Opening : GOOD BLOW-BOTTOM OF THE BUCKET IN 1 1/2 MIN.
2nd Opening : GOOD BLOW-BOTTOM OF THE BUCKET IN 5 MIN.

RECOVERY

Recovered 840 feet of GAS IN THE PIPE
Recovered 160 feet of SLIGHTLY OIL AND GAS CUT MUDDY WATER
Recovered 640 feet of VERY SLIGHTLY OIL AND MUD CUT WATER
Recovered 375 feet of WATER

REMARKS :

WITNESSED BY : STEVE MILLER TOOL OPERATOR : GENE BUDIG

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES INC.

SUPERIOR TESTERS ENTERPRISES INC.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : ENERGY THREE INC.
 DATE OF TEST : 2-16-1988
 DEPTH : 3636.0

WELL NAME : STUCKY-BOLDT #1
 LOCATION : C-NW-SE 29-29-6
 SERIAL NO. : 11087

COMMENTS	TIME min	DEFL in	PRESSURE PSIG		
			----- CALC	CORR	----- CORRECTED
TEST NO.:1					
Depth : 3636.0 ft-kb					
-1ST HYDROSTATIC	0.0	1.619	1776.63	4.69	1781.32
-10:45 1ST FLOW	0.0	.123	139.65	-4.19	135.46
- 10:50	5.0	.131	148.41	-4.13	144.27
- 10:55	10.0	.186	208.59	-3.74	204.85
- 11:00	15.0	.228	254.55	-3.45	251.10
- 11:05	20.0	.265	295.03	-3.18	291.85
- 11:10	25.0	.297	330.05	-2.96	327.09
- 11:15	30.0	.332	368.35	-2.71	365.64
-11:15 END FLOW	0.0	.332	368.35	-2.71	365.64
- 11:18	3.0	1.043	1146.35	2.00	1148.35
- 11:21	6.0	1.093	1201.06	2.23	1203.30
- 11:24	9.0	1.116	1226.23	2.34	1228.57
- 11:27	12.0	1.130	1241.55	2.41	1243.96
- 11:30	15.0	1.143	1255.77	2.47	1258.24
- 11:33	18.0	1.159	1273.28	2.54	1275.82
- 11:36	21.0	1.164	1278.75	2.57	1281.32
- 11:39	24.0	1.167	1282.04	2.58	1284.62
- 11:42	27.0	1.168	1283.13	2.58	1285.71
- 11:45	30.0	1.170	1285.32	2.59	1287.91
- 11:48	33.0	1.171	1286.41	2.60	1289.01
- 11:51	36.0	1.172	1287.51	2.60	1290.11
- 11:54	39.0	1.173	1288.60	2.61	1291.21
- 11:57	42.0	1.174	1289.70	2.61	1292.31
- 11:59	44.0	1.176	1291.88	2.62	1294.51
-11:59 1ST SHUT-IN	0.0	1.176	1291.88	2.62	1294.51
-11:59 2ND FLOW	0.0	.385	426.34	-2.33	424.01
- 12:04	5.0	.387	428.53	-2.32	426.21
- 12:09	10.0	.400	442.76	-2.23	440.53
- 12:14	15.0	.429	474.49	-2.02	472.47
- 12:19	20.0	.463	511.69	-1.78	509.91
- 12:24	25.0	.491	542.33	-1.58	540.75
- 12:29	30.0	.515	568.59	-1.41	567.18
-12:29 END FLOW	0.0	.515	568.59	-1.41	567.18
- 12:32	3.0	1.061	1166.05	2.09	1168.13
- 12:35	6.0	1.103	1212.00	2.28	1214.29
- 12:38	9.0	1.121	1231.70	2.37	1234.07
- 12:41	12.0	1.131	1242.64	2.41	1245.05
- 12:44	15.0	1.139	1251.40	2.45	1253.85
- 12:47	18.0	1.146	1259.06	2.48	1261.54
- 12:50	21.0	1.151	1264.53	2.51	1267.03

SUPERIOR TESTERS ENTERPRISES INC.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : ENERGY THREE INC.
 DATE OF TEST : 2-16-1988
 DEPTH : 3636.0

WELL NAME : STUCKY-BOLDT #1
 LOCATION : C-NW-SE 29-29-6
 SERIAL NO. : 11087

COMMENTS	TIME min	DEFL in	PRESSURE PSIG		
			----- CALC	CORR	CORRECTED
TEST NO.: 1					
- 12:53	24.0	1.156	1270.00	2.53	1272.53
- 12:56	27.0	1.161	1275.47	2.55	1278.02
- 12:59	30.0	1.165	1279.85	2.57	1282.42
- 13:02	33.0	1.171	1286.41	2.60	1289.01
- 13:05	36.0	1.174	1289.70	2.61	1292.31
- 13:08	39.0	1.177	1292.98	2.63	1295.60
- 13:11	42.0	1.179	1295.17	2.64	1297.80
- 13:13	44.0	1.179	1295.17	2.64	1297.80
-1:43 2ND SHUT-IN	0.0	1.179	1295.17	2.64	1297.80
-2ND HYDROSTATIC	0.0	1.514	1661.74	4.20	1665.93

CALCULATED RECOVERY ANALYSIS

DST Number:1

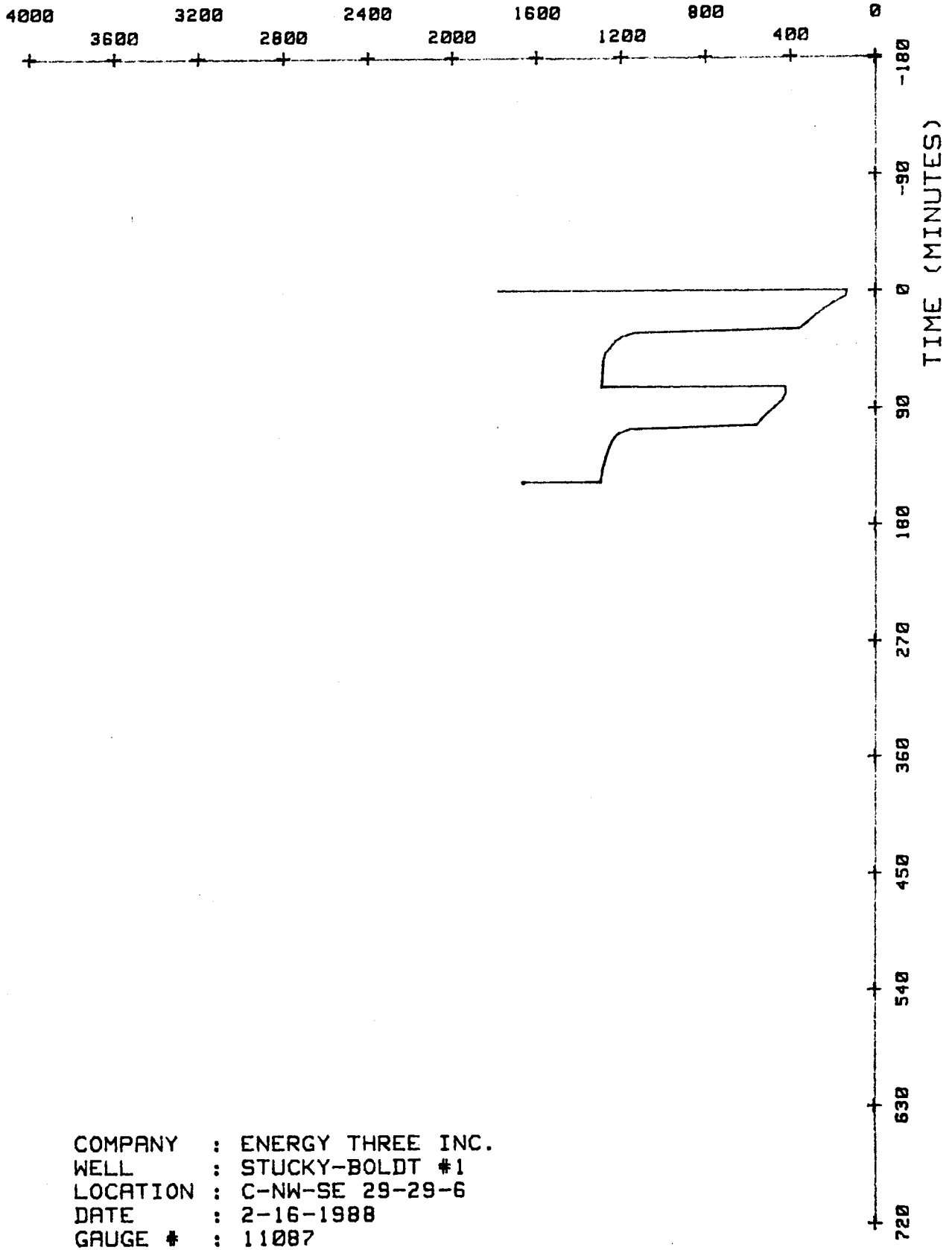
Test ticket number:10071

Sample #	Total Feet	***** Gas %	***** Gas Feet	***** Oil %	***** Oil Feet	***** Mud %	***** Mud Feet
1	840	100.00	840.00	0.00	0.00	0.00	0.00
2	40	25.00	10.00	20.00	8.00	30.00	12.00
3	120	20.00	24.00	5.00	6.00	30.00	36.00
4	240	0.00	0.00	3.00	7.20	3.00	7.20
5	400	0.00	0.00	0.00	0.00	3.00	12.00
6	375	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	2015	43.37	874.00	1.05	21.20	3.33	67.20

Sample #	Total Feet	***** WATER %	***** WATER Feet	Chlorides (ppm)	Resistivity (ohms)	Temperature (deg)
1	840	0.00	0.00	0.00	0.00	0.00
2	40	25.00	10.00	0.00	0.00	0.00
3	120	45.00	54.00	0.00	0.00	0.00
4	240	94.00	225.60	0.00	0.00	0.00
5	400	97.00	388.00	0.00	0.00	0.00
6	375	100.00	375.00	0.00	0.00	0.00
TOTAL	2015	52.24	1052.60			

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES, INC.

PRESSURE (P S I G)

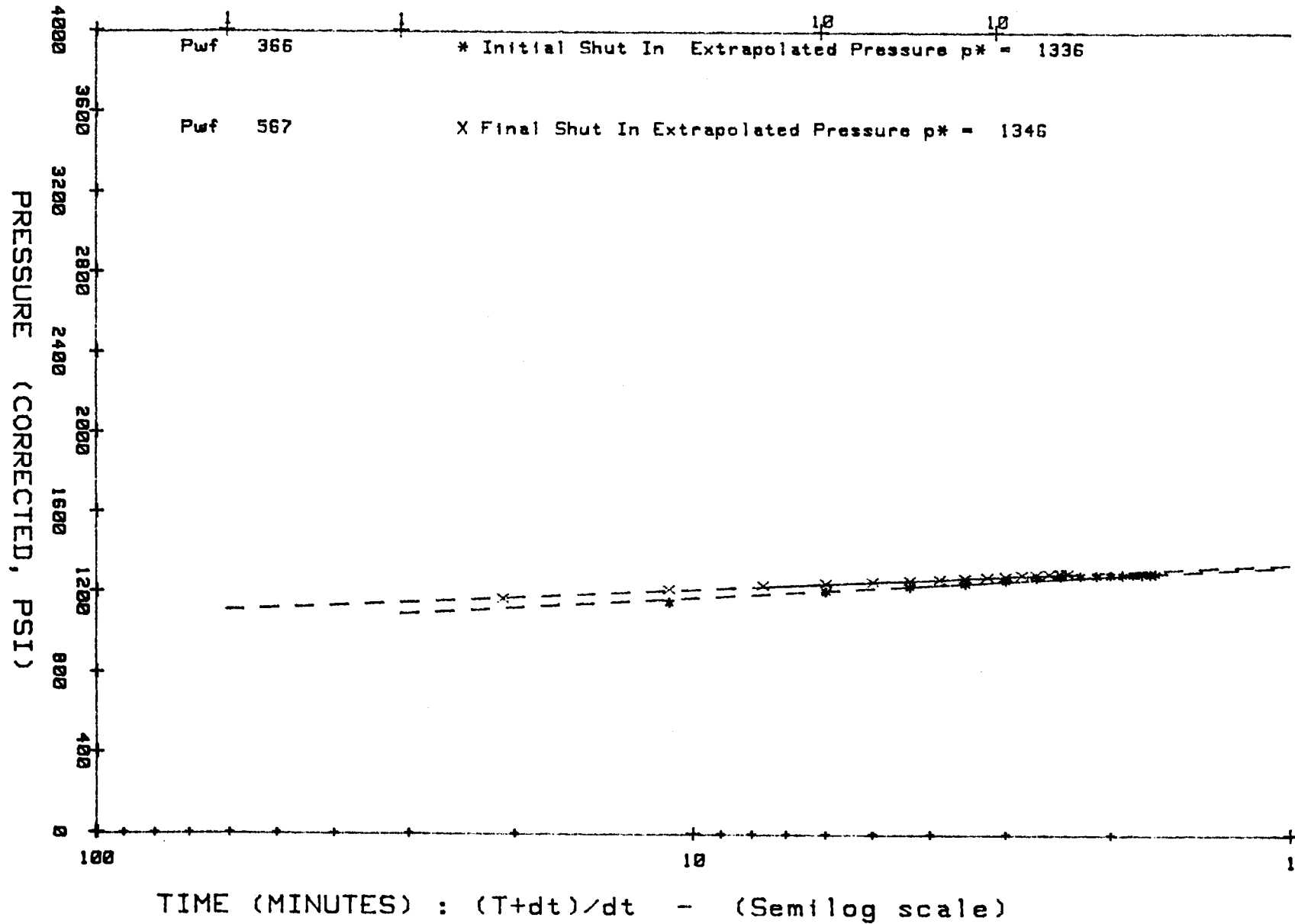


COMPANY : ENERGY THREE INC.
WELL : STUCKY-BOLDT #1
LOCATION : C-NW-SE 29-29-6
DATE : 2-16-1988
GAUGE # : 11087

LOCATION : C-NW-SE 29-29-6

DATE : 2-16-1988

GAUGE # : 11087



SUPERIOR TESTERS ENTERPRISES INC.

DATA SUMMARY

COMPANY : ENERGY THREE INC.
DATE OF TEST : 2-16-1988
DST. NO : 1

WELL NAME : STUCKY-BOLDT #1
LOCATION : C-NW-SE 29-29-6
SHUT-IN PERIOD : 1

INTERPRETIVE DATA (OIL)

EXTRAPOLATED RESERVOIR PRESSURE (psi):	1336.00
Slope of Build-up Curve (psi/log cycle):	160.52
Effective Producing Time (min):	30.00

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES, INC.

SUPERIOR TESTERS ENTERPRISES INC.

HORNER ANALYSIS

COMPANY : ENERGY THREE INC.
 WELL NAME : STUCKY-BOLDT #1
 LOCATION : C-NW-SE 29-29-6
 STATE & COUNTY : KANSAS, KINGMAN
 DATE OF TEST : 2-16-1988
 TEST INT. KB : 3628 to 3642
 TOTAL INTERVAL (ft) K.B. : 14.00
 ELEV.(GR) : 1527 (KB) : 1535
 FIELD :

ELEMENT SERIAL NO. : 11087
 LATEST CALIBRATION :

COMMENTS	TIME min	(T+dt)/dt min	----- PRESSURES CORR PSIG -----
Refer. depth : 3636.0 ft-kb			
-11:15 END FLOW	0.00	0.00	365.64
	3.00	11.00	1148.68
	6.00	6.00	1203.74
	9.00	4.33	1229.07
	12.00	3.50	1244.49
	15.00	3.00	1258.81
	18.00	2.67	1276.43
	21.00	2.43	1281.94
	24.00	2.25	1285.24
	27.00	2.11	1286.34
	30.00	2.00	1288.55
	33.00	1.91	1289.65
	36.00	1.83	1290.75
	39.00	1.77	1291.85
	42.00	1.71	1292.95
	44.00	1.68	1295.15
-11:59 1ST SHUT-IN	0.00	0.00	1295.15

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES, INC.

SUPERIOR TESTERS ENTERPRISES INC.

HORNER ANALYSIS

COMPANY : ENERGY THREE INC.
 WELL NAME : STUCKY-BOLDT #1
 LOCATION : C-NW-SE 29-29-6
 STATE & COUNTY : KANSAS, KINGMAN
 DATE OF TEST : 2-16-1988
 TEST INT. KB : 3628 to 3642
 TOTAL INTERVAL (ft) K.B. : 14.00
 ELEV. (GR) : 1527 (KB) : 1535
 FIELD :

ELEMENT SERIAL NO. : 11087
 LATEST CALIBRATION :

COMMENTS	TIME min	(T+dt)/dt min	----- PRESSURES CORR PSIG -----
Refer. depth :	3636.0 ft-kb		
-12:29 END FLOW	0.00	0.00	567.18
	3.00	21.00	1168.50
	6.00	11.00	1214.76
	9.00	7.67	1234.58
	12.00	6.00	1245.59
	15.00	5.00	1254.41
	18.00	4.33	1262.11
	21.00	3.86	1267.62
	24.00	3.50	1273.13
	27.00	3.22	1278.63
	30.00	3.00	1283.04
	33.00	2.82	1289.65
	36.00	2.67	1292.95
	39.00	2.54	1296.26
	42.00	2.43	1298.46
	44.00	2.36	1298.46
-1:43 2ND SHUT-IN	0.00	0.00	1298.46

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES, INC.

SUPERIOR TESTERS ENTERPRISES INC.

DATA SUMMARY

COMPANY : ENERGY THREE INC.
 DATE OF TEST : 2-16-1988
 DST. NO : 1

WELL NAME : STUCKY-BOLDT #1
 LOCATION : C-NW-SE 29-29-6
 SHUT-IN PERIOD : 2

INTERPRETIVE DATA (OIL)

TRANSMISSIBILITY

Oil (md.ft/cp):	5.45
Gas (md.ft/cp):	0.00

EFFECTIVE PERMEABILITY

Oil (md):47
Gas (md):	0.00

TOTAL MOBILITY (md/cp):	27.70
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TOTAL COMPRESSIBILITY (psi-1):	5.72E-06
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ESTIMATED DAMAGE RATIO:	1.35
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CALCULATED DAMAGE RATIO:	1.15
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Reservoir Temperature (F):	109.00
Formation Porosity :18
Formation Thickness (ft):	10.00
Wellbore Radius (in):	3.94
Reservoir Compressibility (psi-1):	4.80E-07
Calculated Skin Factor :91

PRODUCTION WITH DAMAGE REMOVED (bbl/D):	5.05
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PRODUCTIVITY INDEX (bbl/psi):01
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Final Flow Pressure (psi):	567.00
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APPROXIMATE RADIUS OF INVESTIGATION (ft):	167.41
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Total Flowing Time (min):	60.00
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EXTRAPOLATED RESERVOIR PRESSURE (psi):	1346.00
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Slope of Build-up Curve (psi/log cycle):	130.74
Effective Producing Time (min):	60.00

Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date February 17-1988 Location C-NE-SE 29-29-16 Elevation 1538 K.B. County Kingman

Company ENERGY THREE INC. Number of Copies 5

Charts Mailed to P.O. Box 1505 Great Bend Kansas 67530

Drilling Contractor Duke Drilling Rig #3

Length Drill Pipe 3184 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" X.H.

Length Weight Pipe 439 I.D. Weight Pipe 2.75 Tool Joint Size 4 1/2" X.H.

Length Drill Collars 62 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X.H.

Top Packer Depth 3699 Bottom Packer Depth 3704 Number of Packers 2 Packer Size 6 3/4

TESTED FROM 3704 TO 3714 ANCHOR LENGTH 10 TOTAL DEPTH 3714 Hole Size 7 1/8"

LEASE & WELL NO. Stucky-bolt #1 FORMATION TESTED KANSAS CITY TEST NO. 2

Mud Weight 9.1 Viscosity 52 Water Loss 16.8 Chlorides - Pits 14500 D.S.T.

Maximum Temp. 122 °F Initial Hydrostatic Pressure (A) 1814 P.S.I. Final Hydrostatic Pressure (H) 1803 P.S.I.

Tool Open I.F.P. from 2:15 pm to 2:45 pm 30 min

Tool Closed I.C.I.P. from 2:45 pm to 3:30 pm 45 min

Tool Open F.F.P. from 3:30 pm to 4:00 pm 30 min

Tool Closed F.C.I.P. from 4:00 m to 4:45 pm 45 min

Initial Blow Good blow - off the bottom of a 5 gallon bucket in less than 1 min.

Final Blow Good blow - off the bottom of a 5 gallon bucket in less than 1 min.

Total Feet Recovered 250 Gravity of Oil _____ Corrected

70 Feet of Slightly mudcut Gassy oil 53% Gas 32% Oil 8% Mud 7% Water

60 Feet of Slightly mud & water cut Gassy Oil 54% Gas 28% Oil 8% Mud 10% Water

75 Feet of HEAVY OIL & GAS ^{VERY} slightly water cut 53% Gas 32% Oil 3% Mud 12% Water

45 Feet of VERY slightly oil cut WATER 0% Gas 2% Oil 2% Mud 96% Water

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

Remarks GAS to surface During Final Shut-In

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

Top Recorder No. 11087 Clock No. 47441 Depth 3708 Cir. Sub _____ Sampler NONE

Bottom Recorder No. 11088 Clock No. 47442 Depth 3711 Insurance NONE

Price of Job \$4000.00

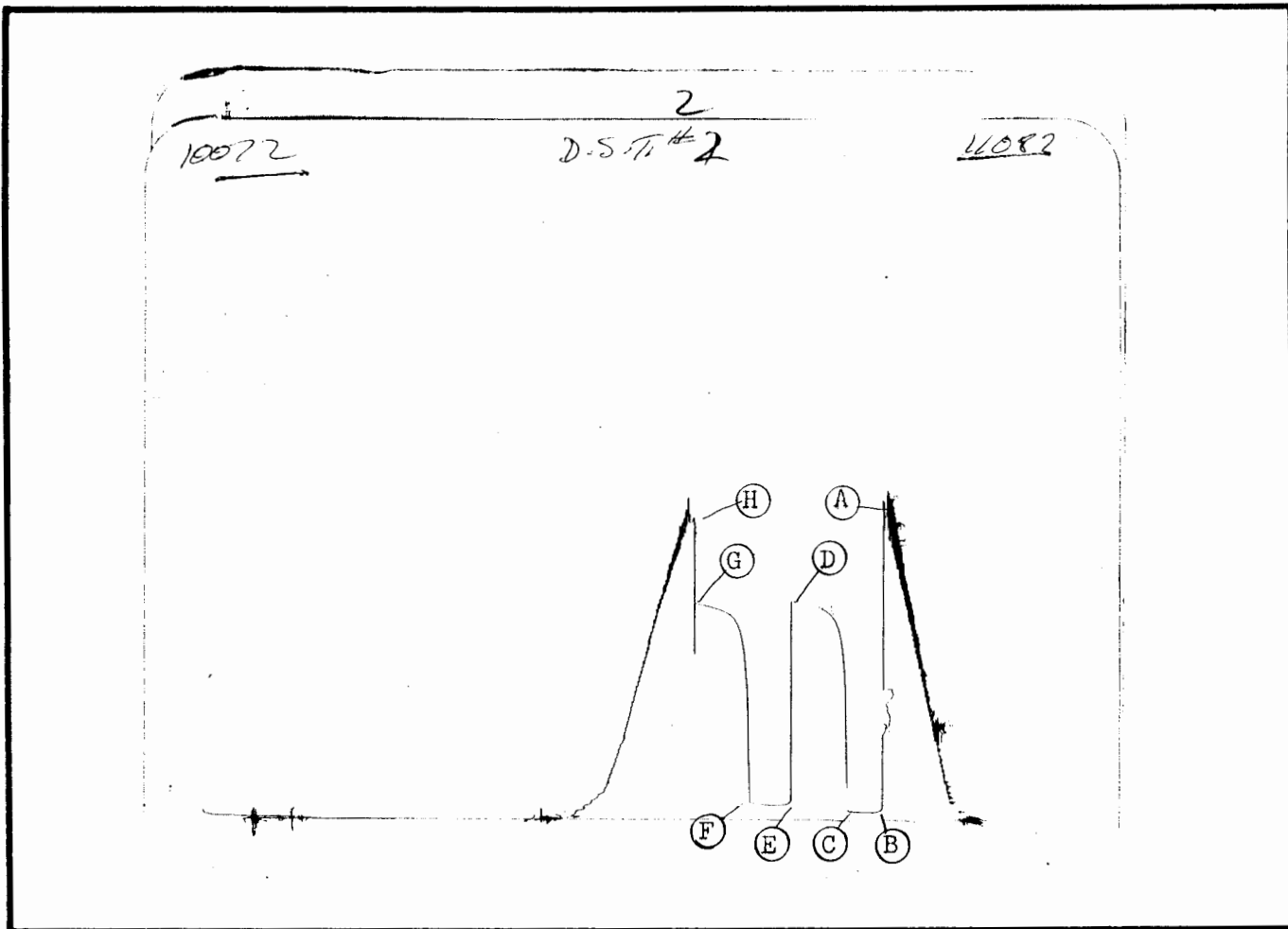
Tool Operator Gene Rudy

Approved By _____

No 10072

from [B] <u>44</u> P.S.I. to [C] <u>66</u> P.S.I.
[D] <u>1320</u> P.S.I.
from [E] <u>88</u> P.S.I. to [F] <u>110</u> P.S.I.
[G] <u>1296</u> P.S.I.

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, of 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	1814	1830	P.S.I.
(B) First Initial Flow Pressure	44	50	P.S.I.
(C) First Final Flow Pressure	66	45	P.S.I.
(D) Initial Closed-in Pressure	1320	1318	P.S.I.
(E) Second Initial Flow Pressure	88	102	P.S.I.
(F) Second Final Flow Pressure	110	98	P.S.I.
(G) Final Closed-in Pressure	1298	1307	P.S.I.
(H) Final Hydrostatic Mud	1803	1792	P.S.I.

SUPERIOR TESTERS ENTERPRISES INC.

WELL IDENTIFICATION DATA

COMPANY : ENERGY THREE INC. WELL NAME : STUCKY-BOLDT #1
 ADDRESS : P.O. BOX 1505 GREAT BEND LOCATION : C-NW-SE 29-29-6
 STATE & COUNTY : KANSAS, KINGMAN FIELD :
 ELEV. (GR) : 1527 (KB) : 1535 TEST DATE : 2-17-1988

EQUIPMENT AND HOLE DATA

FORMATION TESTED : KANSAS CITY DRILL PIPE LENGTH(ft) : 3184
 TEST INT. KB : 3704 to 3714 DRILL PIPE O.D. (in) : 3.82
 ANCHOR LENGTH(ft) : 10 WEIGHT PIPE LENGTH(ft) : 439
 TYPE OF TEST : Conventional WEIGHT PIPE ID : 2.75
 TOTAL DEPTH(ft-kg) : 3714 DRILL COLLAR LENGTH(ft) : 62
 MAIN HOLE SIZE(in) : 7 7/8 DRILL COLLAR I.D. (in) : 2.259
 MUD WEIGHT : 9.1 TOP PACKER DEPTH(kb) : 3699
 MUD VISCOSITY : 52 BOTTOM PACKER DEPTH(kb) : 3704
 MUD CHLORIDES : 14500 DUAL PACKERS :
 SURFACE CHOKE : 3/4 PACKER SIZE(in) : 6 3/4
 BOTTOM CHOKE(in) : 3/4 PACKER HOLD : Yes
 TOOL SIZE(O.D.) : 5 1/2 TOOL PLUG : No
 TOOL JOINT SIZE(F.H.) : 4 1/2 REVERSED OUT : No
 RESERVOIR TEMPERATURE(F) : 122 TEST TICKET NUMBER : 10072

EXTRA EQUIPMENT :

ELEMENT SERIAL NO. : 11087
 RANGE : 0 - 4350 CLOCK RANGE : 12 HOURS
 CAL. EQU. : 1094.24 * Defl. + 5.06

SURFACE BLOW

1st Opening : GOOD BLOW-BOTTOM OF THE BUCKER IN LESS THAN 1 MIN.
 2nd Opening : GOOD BLOW-BOTTOM OF THE BUCKET IN LESS THAN 1 MIN.

RECOVERY

Recovered 130 feet of SLIGHTLY MUD CUT GASSY OIL
 Recovered 75 feet of HEAVY OIL AND GAS CUT SLIGHTLY WATER CUT
 Recovered 45 feet of VERY SLIGHTLY OIL CUT WATER

REMARKS :

GAS TO SURFACE DURING THE FINAL SHUT-IN

WITNESSED BY : STEVE MILLER

TOOL OPERATOR : GENE BUDIG

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES INC.

SUPERIOR TESTERS ENTERPRISES INC.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : ENERGY THREE INC.
 DATE OF TEST : 2-17-1988
 DEPTH : 3708.0

WELL NAME : STUCKY-BOLDT #1
 LOCATION : C-NW-SE 29-29-6
 SERIAL NO. : 11087

COMMENTS	TIME min	DEFL in	PRESSURE PSIG		
			----- CALC	CORR	----- CORRECTED
TEST NO.:2					
Depth : 3708.0 ft-kb					
-1ST HYDROSTATIC	0.0	1.664	1825.87	4.90	1830.77
-2:15 1ST FLOW	0.0	.046	55.40	-4.74	50.66
- 2:20	5.0	.039	47.74	-4.79	42.95
- 2:25	10.0	.039	47.74	-4.79	42.95
- 2:30	15.0	.039	47.74	-4.79	42.95
- 2:35	20.0	.039	47.74	-4.79	42.95
- 2:40	25.0	.041	49.93	-4.77	45.15
- 2:41	26.0	.041	49.93	-4.77	45.15
-2:41 END FLOW	0.0	.041	49.93	-4.77	45.15
- 2:44	3.0	.749	824.64	.25	824.89
- 2:47	6.0	.981	1078.51	1.71	1080.22
- 2:50	9.0	1.065	1170.42	2.10	1172.53
- 2:53	12.0	1.103	1212.00	2.28	1214.29
- 2:56	15.0	1.127	1238.27	2.39	1240.66
- 2:59	18.0	1.145	1257.96	2.48	1260.44
- 3:02	21.0	1.158	1272.19	2.54	1274.73
- 3:05	24.0	1.168	1283.13	2.58	1285.71
- 3:08	27.0	1.176	1291.88	2.62	1294.51
- 3:11	30.0	1.182	1298.45	2.65	1301.10
- 3:14	33.0	1.189	1306.11	2.68	1308.79
- 3:17	36.0	1.195	1312.67	2.71	1315.38
- 3:20	39.0	1.197	1314.86	2.72	1317.58
- 3:23	42.0	1.198	1315.96	2.72	1318.68
- 3:26	45.0	1.198	1315.96	2.72	1318.68
-3:26 1ST SHUT-IN	0.0	1.198	1315.96	2.72	1318.68
- 3:26	0.0	.093	106.83	-4.40	102.42
-3:26 2ND FLOW	0.0	.093	106.83	-4.40	102.42
- 3:31	5.0	.082	94.79	-4.48	90.31
- 3:36	10.0	.076	88.22	-4.52	83.70
- 3:41	15.0	.076	88.22	-4.52	83.70
- 3:46	20.0	.078	90.41	-4.51	85.90
- 3:51	25.0	.082	94.79	-4.48	90.31
- 3:56	30.0	.086	99.17	-4.45	94.71
- 3:57	31.0	.089	102.45	-4.43	98.02
-3:57 END FLOW	0.0	.089	102.45	-4.43	98.02
- 4:00	3.0	.720	792.91	.04	792.95
- 4:03	6.0	.962	1057.72	1.62	1059.34
- 4:06	9.0	1.043	1146.35	2.00	1148.35
- 4:09	12.0	1.092	1199.97	2.23	1202.20
- 4:12	15.0	1.118	1228.42	2.35	1230.77

SUPERIOR TESTERS ENTERPRISES INC.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : ENERGY THREE INC.
DATE OF TEST : 2-17-1988
DEPTH : 3708.0

WELL NAME : STUCKY-BOLDT #1
LOCATION : C-NW-SE 29-29-6
SERIAL NO. : 11087

COMMENTS	TIME min	DEFL in	PRESSURE PSIG		
			----- CALC	CORR	CORRECTED
TEST NO.:2					
- 4:15	18.0	1.131	1242.64	2.41	1245.05
- 4:18	21.0	1.141	1253.59	2.46	1256.04
- 4:21	24.0	1.151	1264.53	2.51	1267.03
- 4:24	27.0	1.158	1272.19	2.54	1274.73
- 4:27	30.0	1.165	1279.85	2.57	1282.42
- 4:30	33.0	1.171	1286.41	2.60	1289.01
- 4:33	36.0	1.176	1291.88	2.62	1294.51
- 4:36	39.0	1.181	1297.35	2.65	1300.00
- 4:39	42.0	1.186	1302.83	2.67	1305.49
- 4:41	44.0	1.188	1305.01	2.68	1307.69
-4:41 2ND SHUT-IN	0.0	1.188	1305.01	2.68	1307.69
-2ND HYDROSTATIC	0.0	1.629	1787.57	4.73	1792.31

CALCULATED RECOVERY ANALYSIS

DST Number:2

Test ticket number:10072

Sample #	Total Feet	***** Gas ****		***** Oil ****		***** Mud ****	
		%	Feet	%	Feet	%	Feet
1	70	53.00	37.10	32.00	22.40	8.00	5.60
2	60	54.00	32.40	28.00	16.80	8.00	4.80
3	75	53.00	39.75	32.00	24.00	3.00	2.25
4	45	0.00	0.00	2.00	.90	2.00	.90
TOTAL	250	43.70	109.25	25.64	64.10	5.42	13.55

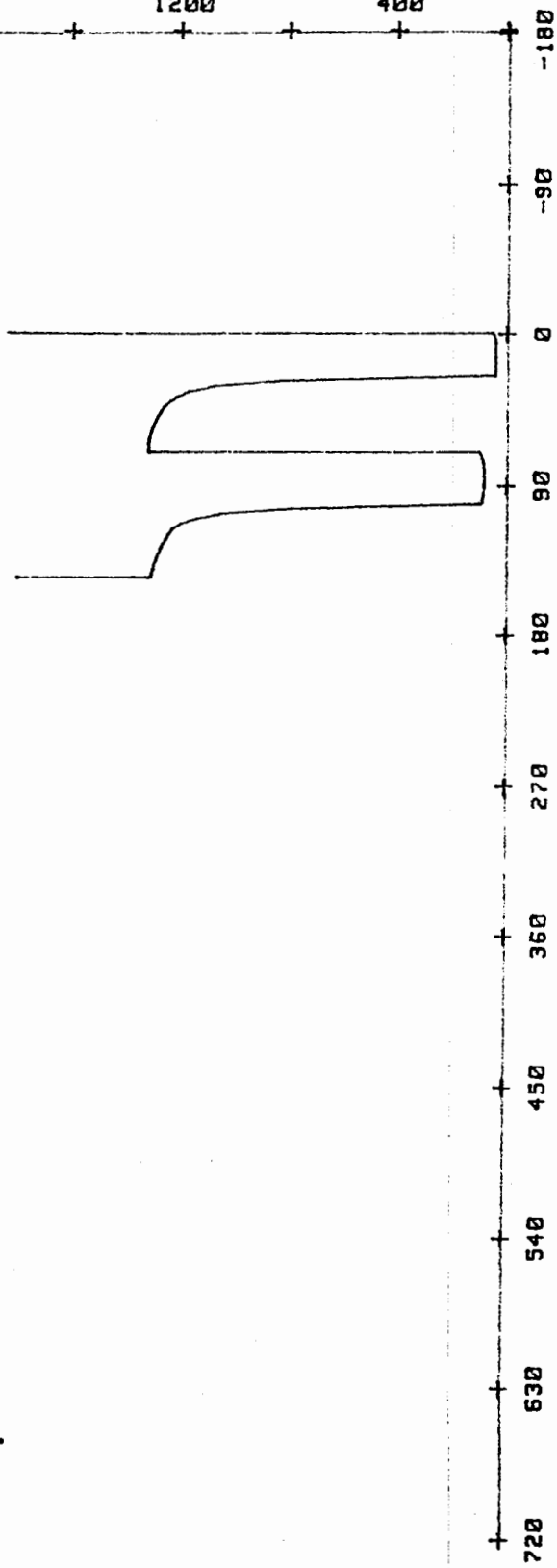
Sample #	Total Feet	**** WATER ****		Chlorides (ppm)	Resistivity (ohms)	Temperature (deg)
		%	Feet			
1	70	7.00	4.90	0.00	0.00	0.00
2	60	10.00	6.00	0.00	0.00	0.00
3	75	12.00	9.00	0.00	0.00	0.00
4	45	96.00	43.20	0.00	0.00	0.00
TOTAL	250	25.24	63.10			

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES, INC.

PRESSURE (P S I G)

4000 3600 3200 2800 2400 2000 1600 1200 800 400 0

TIME (MINUTES)

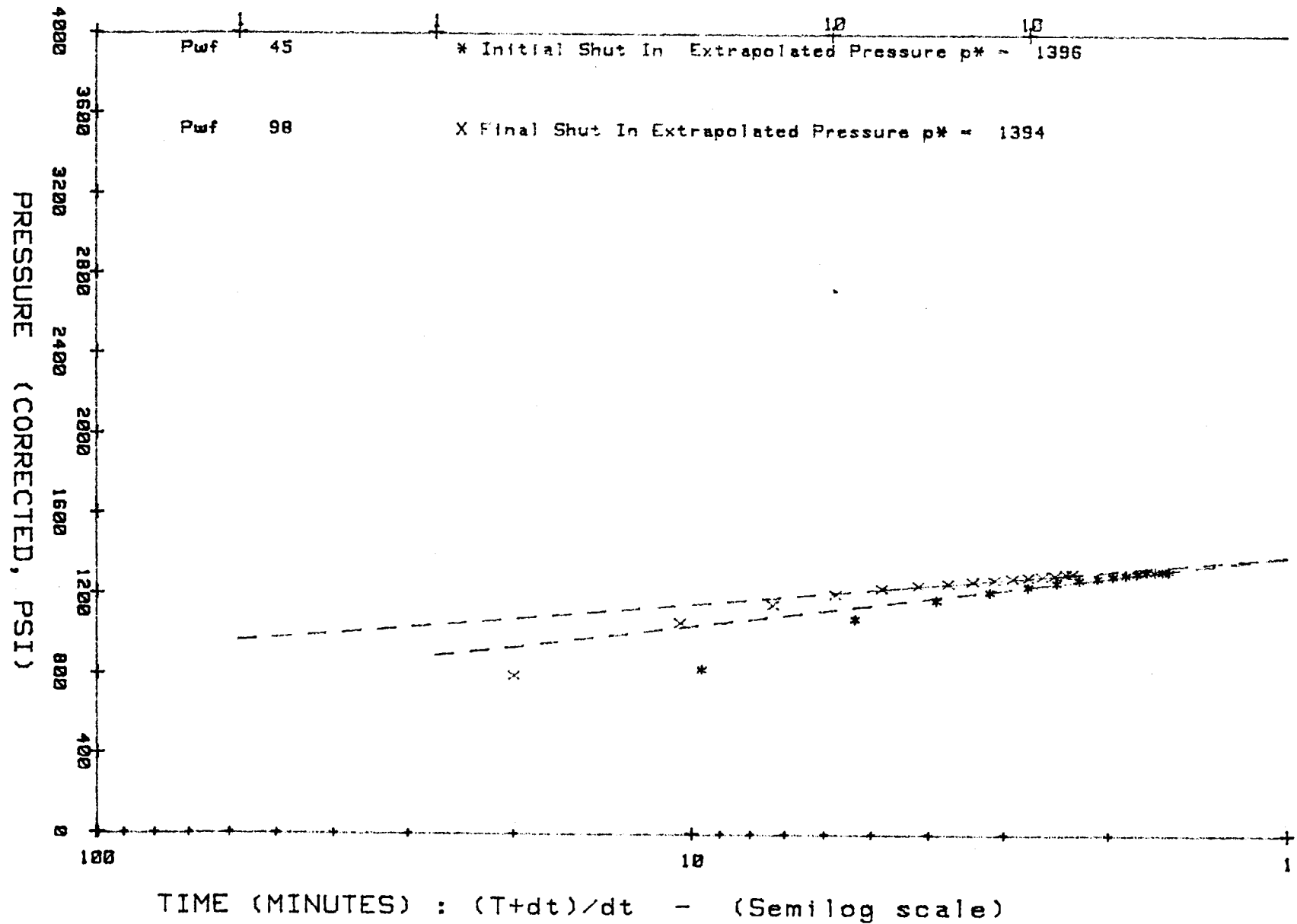


COMPANY : ENERGY THREE INC.
WELL : STUCKY-BOLDT #1
LOCATION : C-NW-SE 29-29-6
DATE : 2-17-1988
GAUGE # : 11087

LOCATION : C-NW-SE 29-29-6

DATE : 2-17-1988

GAUGE # : 11087



SUPERIOR TESTERS ENTERPRISES INC.

DATA SUMMARY

COMPANY : ENERGY THREE INC.
DATE OF TEST : 2-17-1988
DST. NO : 2

WELL NAME : STUCKY-BOLDT #1
LOCATION : C-NW-SE 29-29-6
SHUT-IN PERIOD : 1

INTERPRETIVE DATA (OIL)

EXTRAPOLATED RESERVOIR PRESSURE (psi):	1396
Slope of Build-up Curve (psi/log cycle):	350
Effective Producing Time (min):	26

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES, INC.

SUPERIOR TESTERS ENTERPRISES INC.

HORNER ANALYSIS

COMPANY : ENERGY THREE INC.
 WELL NAME : STUCKY-BOLDT #1
 LOCATION : C-NW-SE 29-29-6
 STATE & COUNTY : KANSAS, KINGMAN
 DATE OF TEST : 2-17-1988
 TEST INT. KB : 3704 to 3714
 TOTAL INTERVAL (ft) K.B. : 10.00
 ELEV. (GR) : 1527 (KB) : 1535
 FIELD :

ELEMENT SERIAL NO. : 11087
 LATEST CALIBRATION :

COMMENTS	TIME min	(T+dt)/dt min	----- PRESSURES CORR PSIG -----
Refer. depth : 3708.0 ft-kb			
-2:41 END FLOW	0.00	0.00	45.15
	3.00	9.67	824.89
	6.00	5.33	1080.40
	9.00	3.89	1172.91
	12.00	3.17	1214.76
	15.00	2.73	1241.19
	18.00	2.44	1261.01
	21.00	2.24	1275.33
	24.00	2.08	1286.34
	27.00	1.96	1295.15
	30.00	1.87	1301.76
	33.00	1.79	1309.47
	36.00	1.72	1316.08
	39.00	1.67	1318.28
-3:26 1ST SHUT-IN	42.00	1.62	1319.38
	45.00	1.58	1319.38
	0.00	0.00	102.42

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES, INC.

SUPERIOR TESTERS ENTERPRISES INC.

HORNER ANALYSIS

COMPANY : ENERGY THREE INC.
 WELL NAME : STUCKY-BOLDT #1
 LOCATION : C-NW-SE 29-29-6
 STATE & COUNTY : KANSAS, KINGMAN
 DATE OF TEST : 2-17-1988
 TEST INT. KB : 3704 to 3714
 TOTAL INTERVAL (ft) K.B. : 10.00
 ELEV. (GR) : 1527 (KB) : 1535
 FIELD :

ELEMENT SERIAL NO. : 11087
 LATEST CALIBRATION :

COMMENTS	TIME min	(T+dt)/dt min	----- PRESSURES CORR PSIG -----
Refer. depth :	3708.0 ft-kb		
-3:57 END FLOW	0.00	0.00	98.02
	3.00	20.00	792.95
	6.00	10.50	1059.47
	9.00	7.33	1148.68
	12.00	5.75	1202.64
	15.00	4.80	1231.28
	18.00	4.17	1245.59
	21.00	3.71	1256.61
	24.00	3.38	1267.62
	27.00	3.11	1275.33
	30.00	2.90	1283.04
	33.00	2.73	1289.65
	36.00	2.58	1295.15
	39.00	2.46	1300.66
	42.00	2.36	1306.17
	44.00	2.30	1308.37
-4:41 2ND SHUT-IN	0.00	0.00	1308.37

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES, INC.

SUPERIOR TESTERS ENTERPRISES INC.

DATA SUMMARY

COMPANY : ENERGY THREE INC.
 DATE OF TEST : 2-17-1988
 DST. NO : 2

WELL NAME : STUCKY-BOLDT #1
 LOCATION : C-NW-SE 29-29-6
 SHUT-IN PERIOD : 2

INTERPRETIVE DATA (OIL)

TRANSMISSIBILITY

Oil (md.ft/cp): 7.85
 Gas (md.ft/cp): 0.00

EFFECTIVE PERMEABILITY

Oil (md):67
 Gas (md): 0.00

TOTAL MOBILITY (md/cp): 1.38

TOTAL COMPRESSIBILITY (psi-1): 6.79E-06

ESTIMATED DAMAGE RATIO: 1.22

CALCULATED DAMAGE RATIO: 1.43

Reservoir Temperature (F): 122.00

Formation Porosity :18

Formation Thickness (ft): 10.00

Wellbore Radius (in): 3.94

Reservoir Compressibility (psi-1): 4.80E-07

Calculated Skin Factor : 1.85

PRODUCTION WITH DAMAGE REMOVED (bbl/D): 16.61

PRODUCTIVITY INDEX (bbl/psi):01

Final Flow Pressure (psi): 98.00

APPROXIMATE RADIUS OF INVESTIGATION (ft): 33.43

Total Flowing Time (min): 57.00

EXTRAPOLATED RESERVOIR PRESSURE (psi): 1394.00

Slope of Build-up Curve (psi/log cycle): 241.23

Effective Producing Time (min): 57.00

Testers Enterprises, Inc.

.. 3, Box 295B, Great Bend, Kansas 67530
(316) 792-6902

Location C-NE-SF 29-29-6 Elevation 1535 K.B County Kingman

ENERGY THREE INC.

Number of Copies 5

Charts Mailed to P.O. Box 1505 Great Bend Kansas 67530

Drilling Contractor Duke Drilling Rig #3

Length Drill Pipe 3200 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" X 4"

Length Weight Pipe 439 I.D. Weight Pipe 2.75 Tool Joint Size 4 1/2" X 4"

Length Drill Collars 62 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X 4"

Top Packer Depth 3725 Bottom Packer Depth 3730 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3730 TO 3744 ANCHOR LENGTH 14 TOTAL DEPTH 5744 Hole Size 7 7/8"

LEASE & WELL NO. Stucky-bolt #1 FORMATION TESTED Kansas City TEST NO. 3

Mud Weight 97 Viscosity 52 Water Loss 16.8 Chlorides - Pits 14,500 D.S.T.

Maximum Temp. 123 °F Initial Hydrostatic Pressure (A) 1836 P.S.I. Final Hydrostatic Pressure (H) 1814 P.S.I.

Tool Open I.F.P. from 2:15 A m to 3:45 A m 30 min

from [B] 55 P.S.I. to [C] 77 P.S.I.

Tool Closed I.C.I.P. from 3:45 A m to 4:30 A m 45 min

[D] 1057 P.S.I.

Tool Open F.F.P. from 4:30 A m to 5:15 A m 45 min

from [E] 99 P.S.I. to [F] 110 P.S.I.

Tool Closed F.C.I.P. from 5:15 A m to 6:15 A m 60 min

[G] 706 P.S.I.

Initial Blow WEAK building blow - built to 7 1/2 inches into the water

Final Blow WEAK building blow - built to 4 1/2 inches into the water

Total Feet Recovered 200 Gravity of Oil _____ Corrected

200 Feet of Slightly muddy water %Gas _____ %Oil _____ %Mud _____ %Water _____

Feet of _____ %Gas _____ %Oil _____ %Mud _____ %Water _____

Feet of A Good show of oil on top of the %Gas _____ %Oil _____ %Mud _____ %Water _____

Feet of RECOVERY %Gas _____ %Oil _____ %Mud _____ %Water _____

Feet of _____ %Gas _____ %Oil _____ %Mud _____ %Water _____

Feet of _____ %Gas _____ %Oil _____ %Mud _____ %Water _____

Feet of _____ %Gas _____ %Oil _____ %Mud _____ %Water _____

Feet of _____ %Gas _____ %Oil _____ %Mud _____ %Water _____

Feet of _____ %Gas _____ %Oil _____ %Mud _____ %Water _____

Remarks _____

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

Top Recorder No. 11087 Clock No. 47441 Depth 3738 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 11088 Clock No. 47442 Depth 3741 Insurance NONE

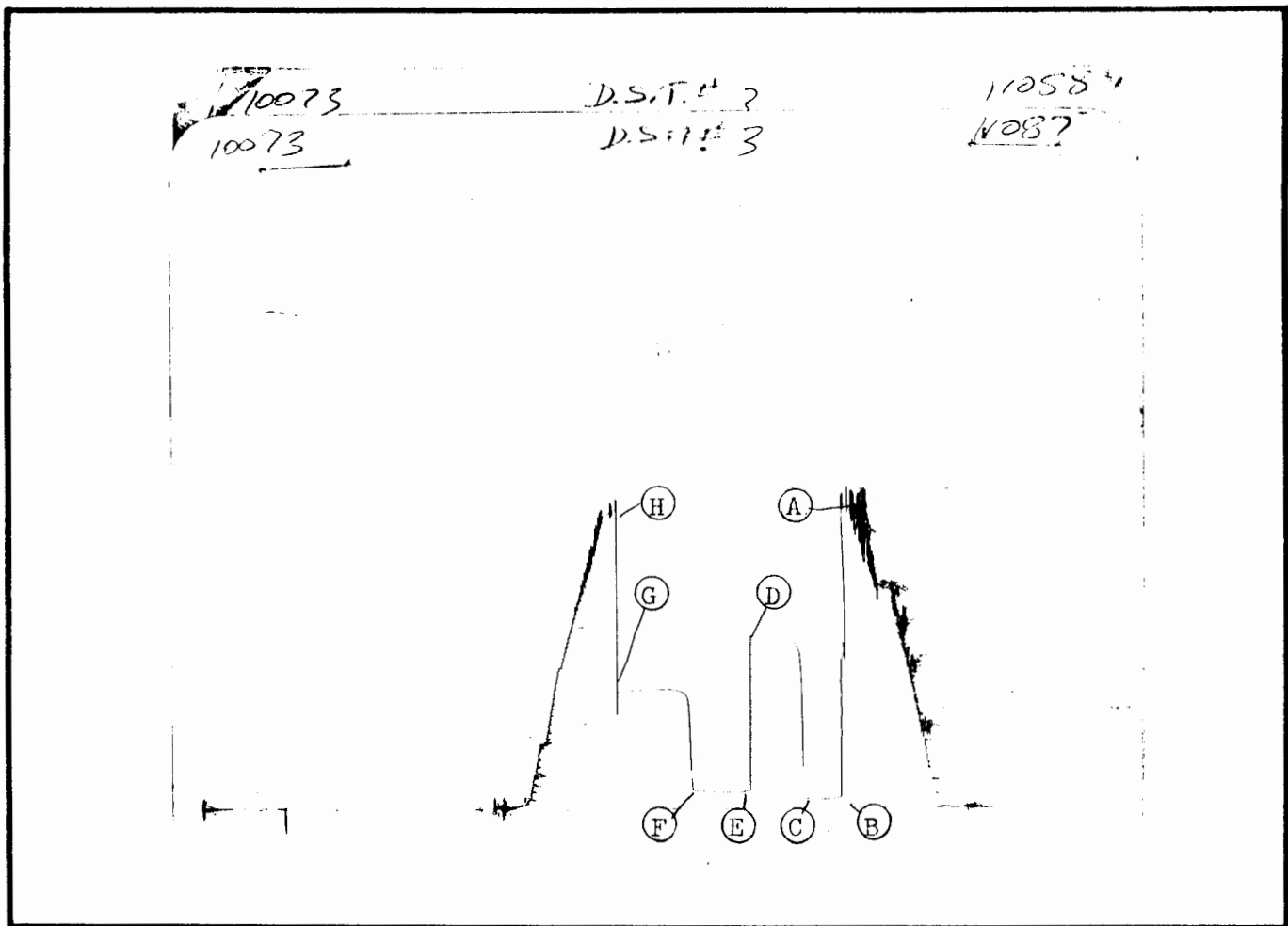
Price of Job \$400.00

Tool Operator Gene Sudig

Approved By _____

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, of 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.

No 10073



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud	1836	1818	P.S.I.
(B) First Initial Flow Pressure	55	57	P.S.I.
(C) First Final Flow Pressure	77	53	P.S.I.
(D) Initial Closed-in Pressure	1057	1035	P.S.I.
(E) Second Initial Flow Pressure	99	100	P.S.I.
(F) Second Final Flow Pressure	110	100	P.S.I.
(G) Final Closed-in Pressure	706	704	P.S.I.
(H) Final Hydrostatic Mud	1796	1814	P.S.I.

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES, INC.

SUPERIOR TESTERS ENTERPRISES INC.

WELL IDENTIFICATION DATA

COMPANY : ENERGY THREE INC. WELL NAME : STUCKY-BOLDT #1
ADDRESS : P.O. BOX 1505 GREAT BEND LOCATION : C-NW-SE 29-29-6
STATE & COUNTY : KANSAS, KINGMAN FIELD :
ELEV. (GR) : 1527 (KB) : 1535 TEST DATE : 2-18-1988

EQUIPMENT AND HOLE DATA

FORMATION TESTED : KANSAS CITY DRILL PIPE LENGTH(ft) : 3200
TEST INT. KB : 3730 to 3744 DRILL PIPE O.D. (in) : 3.82
ANCHOR LENGTH(ft) : 14 WEIGHT PIPE LENGTH(ft) : 439
TYPE OF TEST : Conventional WEIGHT PIPE ID : 2.75
TOTAL DEPTH(ft-kb) : 3744 DRILL COLLAR LENGTH(ft) : 62
MAIN HOLE SIZE(in) : 7 7/8 DRILL COLLAR I.D. (in) : 2.259
MUD WEIGHT : 9.1 TOP PACKER DEPTH(kb) : 3725
MUD VISCOSITY : 52 BOTTOM PACKER DEPTH(kb) : 3730
MUD CHLORIDES : 14500 DUAL PACKERS :
SURFACE CHOKE : 3/4 PACKER SIZE(in) : 6 3/4
BOTTOM CHOKE(in) : 3/4 PACKER HOLD : Yes
TOOL SIZE(O.D.) : 5 1/2 TOOL FLUG : No
TOOL JOINT SIZE(F.H.) : 4 1/2 REVERSED OUT : No
RESERVOIR TEMPERATURE(F) : 123 TEST TICKET NUMBER : 10073

EXTRA EQUIPMENT :

ELEMENT SERIAL NO. : 11087
RANGE : 0 - 4350 CLOCK RANGE : 12 HOURS
CAL. EQU. : 1094.24 * Defl. + 5.06

SURFACE BLOW

1st Opening : WEAK BLOW BUILT TO 7 1/2 INCHES INTO THE WATER
2nd Opening : WEAK BLOW BUILT TO 4 1/2 INCHES INTO THE WATER

RECOVERY

Recovered 200 feet of SLIGHTLY MUDDY WATER GOOD SHOW OF OIL ON TOP

REMARKS :

GAS TO SURFACE DURING THE FINAL SHUT-IN

WITNESSED BY : STEVE MILLER

TOOL OPERATOR : GENE BUDIG

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES INC.

SUPERIOR TESTERS ENTERPRISES INC.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : ENERGY THREE INC.
 DATE OF TEST : 2-18-1988
 DEPTH : 3738.0

WELL NAME : STUCKY-BOLDT #1
 LOCATION : C-NW-SE 29-29-6
 SERIAL NO. : 11087

COMMENTS	TIME min	DEFL in	PRESSURE PSIG		
			----- CALC	CORR	CORRECTED
TEST NO.:3					
Depth : 3738.0 ft-kb					
-1ST HYDROSTATIC	0.0	1.653	1813.83	4.85	1818.68
-3:15 1ST FLOW	0.0	.052	61.96	-4.69	57.27
- 3:20	5.0	.046	55.40	-4.74	50.66
- 3:25	10.0	.045	54.30	-4.74	49.56
- 3:30	15.0	.045	54.30	-4.74	49.56
- 3:35	20.0	.045	54.30	-4.74	49.56
- 3:40	25.0	.047	56.49	-4.73	51.76
- 3:43	28.0	.049	58.68	-4.71	53.96
-3:43 END FLOW	0.0	.049	58.68	-4.71	53.96
- 3:48	5.0	.849	934.07	.95	935.02
- 3:53	10.0	.908	998.63	1.37	1000.00
- 3:58	15.0	.925	1017.23	1.45	1018.68
- 4:03	20.0	.936	1029.27	1.50	1030.77
- 4:08	25.0	.940	1033.64	1.52	1035.16
- 4:13	30.0	.940	1033.64	1.52	1035.16
- 4:18	35.0	.938	1031.46	1.51	1032.97
- 4:23	40.0	.940	1033.64	1.52	1035.16
- 4:25	42.0	.939	1032.55	1.52	1034.07
- 3:43	0.0	.939	1032.55	1.52	1034.07
-4:26 1ST SHUT-IN	0.0	.940	1033.64	1.52	1035.16
-4:26 2ND FLOW	0.0	.091	104.64	-4.42	100.22
- 4:31	5.0	.084	96.98	-4.47	92.51
- 4:36	10.0	.083	95.88	-4.47	91.41
- 4:41	15.0	.083	95.88	-4.47	91.41
- 4:46	20.0	.083	95.88	-4.47	91.41
- 4:51	25.0	.083	95.88	-4.47	91.41
- 4:56	30.0	.084	96.98	-4.47	92.51
- 5:01	35.0	.086	99.17	-4.45	94.71
- 5:06	40.0	.088	101.35	-4.44	96.92
- 5:11	45.0	.091	104.64	-4.42	100.22
-5:11 END FLOW	0.0	.091	104.64	-4.42	100.22
- 5:16	5.0	.601	662.70	-.80	661.89
- 5:21	10.0	.633	697.71	-.58	697.14
- 5:26	15.0	.642	707.56	-.51	707.05
- 5:31	20.0	.645	710.84	-.49	710.35
- 5:36	25.0	.645	710.84	-.49	710.35
- 5:41	30.0	.645	710.84	-.49	710.35
- 5:46	35.0	.645	710.84	-.49	710.35
- 5:51	40.0	.645	710.84	-.49	710.35
- 5:56	45.0	.645	710.84	-.49	710.35

SUPERIOR TESTERS ENTERPRISES INC.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : ENERGY THREE INC.
DATE OF TEST : 2-18-1988
DEPTH : 3738.0

WELL NAME : STUCKY-BOLDT #1
LOCATION : C-NW-SE 29-29-6
SERIAL NO. : 11087

COMMENTS	TIME min	DEFL in	----- PRESSURE PSIG -----		
			CALC	CORR	CORRECTED
TEST NO.:3					
- 6:01	50.0	.640	705.37	-.53	704.85
- 6:06	55.0	.640	705.37	-.53	704.85
- 6:11	60.0	.640	705.37	-.53	704.85
-6:11 2ND SHUT-IN	0.0	.640	705.37	-.53	704.85
-2ND HYDROSTATIC	0.0	1.633	1791.95	4.75	1796.70

Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date February 19-1988 Location C-N-E-3E 29-29-6 Elevation 1535 K.B. County Kingman

Company Energy Three Inc. Number of Copies 5

Charts Mailed to P.O. Box 1505 Great Bend, Kansas 67530

Drilling Contractor Duke Drilling Rig #3

Length Drill Pipe 3621 I.D. Drill Pipe 2.25 Tool Joint Size 4 1/2" X.H.

Length Weight Pipe 439 I.D. Weight Pipe 2.75 Tool Joint Size 4 1/2" X.H.

Length Drill Collars 62 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X.H.

Top Packer Depth 4136 Bottom Packer Depth 4141 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 4141 TO 4155 ANCHOR LENGTH 14 TOTAL DEPTH 4155 Hole Size 7 7/8"

LEASE & WELL NO. Stucky #1 FORMATION TESTED Mississippian TEST NO. 4

Mud Weight 9.7 Viscosity 51 Water Loss 12.8 Chlorides - Pits 1,000 D.S.T. _____

Maximum Temp. 127 °F Initial Hydrostatic Pressure (A) 2132 P.S.I. Final Hydrostatic Pressure (H) 2121 P.S.I.

Tool Open I.F.P. from 8:00 p.m. to 8:45 p.m. 45 min

Tool Closed I.C.I.P. from 8:45 p.m. to 9:45 p.m. 60 min

Tool Open F.F.P. from 9:45 p.m. to 10:45 p.m. 60 min

Tool Closed F.C.I.P. from 10:45 p.m. to 12:15 a.m. 90 min

from [B] <u>55</u> P.S.I. to [C] <u>66</u> P.S.I.
[D] <u>(563)</u> <u>1078</u> P.S.I.
from [E] <u>110</u> P.S.I. to [F] <u>121</u> P.S.I.
[G] <u>(243)</u> <u>782</u> P.S.I.

Initial Blow Good blow - off the bottom of a 3 Gallon bucket in 1/2 min

Final Blow Strong blow - off the bottom of the bucket imm.

Total Feet Recovered 280 Gravity of Oil _____ Corrected _____

100 Feet of Very Gassy Oil cut mud 58 % Gas 20 % Oil 10 % Mud 12 % Water

60 Feet of Very Gassy Oil cut mud 50 % Gas 20 % Oil 20 % Mud 10 % Water

90 Feet of Very Gassy Oil cut mud 68 % Gas 20 % Oil 7 % Mud 5 % Water

9 Feet of Slightly oil, gas mud cut water 3 % Gas 2 % Oil 25 % Mud 70 % Water

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

Remarks GAS to SURFACE 10 min into the 2nd opening - MAX. GAGED 3.04 MCF

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

Top Recorder No. 11087 Clock No. 47441 Depth 4149 Cir. Sub _____ Sampler NONE

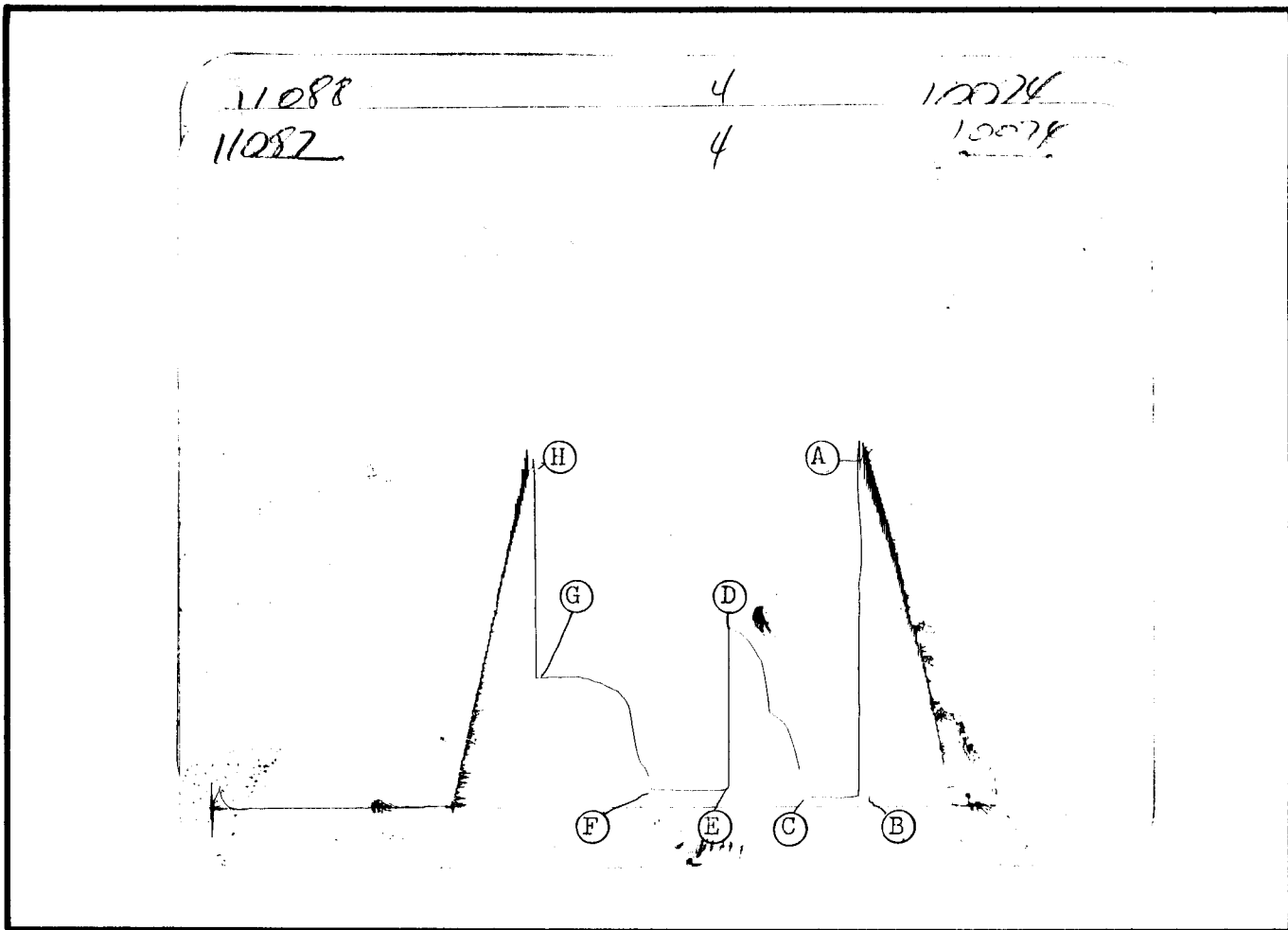
Bottom Recorder No. 11088 Clock No. 47442 Depth 4152 Insurance NONE

Price of Job 1400.00

Tool Operator Gene Ludwig

Approved By _____ No 10074

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>2132</u>	<u>2114</u>	P.S.I.
(B) First Initial Flow Pressure	<u>55</u>	<u>63</u>	P.S.I.
(C) First Final Flow Pressure	<u>66</u>	<u>59</u>	P.S.I.
(D) Initial Closed-in Pressure	<u>1078</u>	<u>1078</u>	P.S.I.
(E) Second Initial Flow Pressure	<u>110</u>	<u>105</u>	P.S.I.
(F) Second Final Flow Pressure	<u>121</u>	<u>102</u>	P.S.I.
(G) Final Closed-in Pressure	<u>782</u>	<u>783</u>	P.S.I.
(H) Final Hydrostatic Mud	<u>2121</u>	<u>2034</u>	P.S.I.

SUPERIOR TESTERS ENTERPRISES INC.

WELL IDENTIFICATION DATA

COMPANY : ENERGY THREE INC. WELL NAME : STUCKY-BOLDT #1
ADDRESS : P.O. BOX 1505 GREAT BEND LOCATION : C-NW-SE 29-29-6
STATE & COUNTY : KANSAS, KINGMAN FIELD :
ELEV. (GR) : 1527 (KB) : 1535 TEST DATE : 2-19-1988

EQUIPMENT AND HOLE DATA

FORMATION TESTED : MISSISSIPPI DRILL PIPE LENGTH(ft) : 3621
TEST INT. KB : 4141 to 4155 DRILL PIPE O.D.(in) : 3.82
ANCHOR LENGTH(ft) : 14 WEIGHT PIPE LENGTH(ft) : 439
TYPE OF TEST : Conventional WEIGHT PIPE ID : 2.75
TOTAL DEPTH(ft-*kb*) : 4155 DRILL COLLAR LENGTH(ft) : 62
MAIN HOLE SIZE(in) : 7 7/8 DRILL COLLAR I.D.(in) : 2.259
MUD WEIGHT : 9.1 TOP PACKER DEPTH(*kb*) : 4136
MUD VISCOSITY : 51 BOTTOM PACKER DEPTH(*kb*) : 4141
MUD CHLORIDES : 11000 DUAL PACKERS :
SURFACE CHOKE : 3/4 PACKER SIZE(in) : 6 3/4
BOTTOM CHOKE(in) : 3/4 PACKER HOLD : Yes
TOOL SIZE(O.D.) : 5 1/2 TOOL PLUG : No
TOOL JOINT SIZE(F.H.) : 4 1/2 REVERSED OUT : No
RESERVOIR TEMPERATURE(F) : 127 TEST TICKET NUMBER : 10074

EXTRA EQUIPMENT :

ELEMENT SERIAL NO. : 11087
RANGE : 0 - 4350 CLOCK RANGE : 12 HOURS
CAL. EQU. : 1094.24 * Defl. + 5.06

SURFACE BLOW

1st Opening : GOOD BLOW-BOTTOM OF THE BUCKET IN 1/2 MIN.
2nd Opening : STRONG BLOW-BOTTOM OF THE BUCKET IMMED.

RECOVERY

Recovered 250 feet of VERY GASSY OIL CUT MUD
Recovered 30 feet of SLIGHTLY IL GAS AND MUD CUT WATER

REMARKS :

GAS TO SURFACE 10 MIN. INTO THE 2ND OPENING
MAX. GAUGED 3.04MCF

WITNESSED BY : STEVE MILLER

TOOL OPERATOR : GENE BUDIG

SUPERIOR TESTERS ENTERPRISES INC.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : ENERGY THREE INC.
 DATE OF TEST : 2-19-1988
 DEPTH : 4149.0

WELL NAME : STUCKY-BOLDT #1
 LOCATION : C-NW-SE 29-29-6
 SERIAL NO. : 11087

COMMENTS	TIME min	DEFL in	PRESSURE PSIG		
			----- CALC	CORR	CORRECTED
TEST NO.:4					
Depth : 4149.0 ft-kb					
-1ST HYDROSTATIC	0.0	1.923	2109.28	5.35	2114.63
-8:00 1ST FLOW	0.0	.058	68.53	-4.65	63.88
- 8:05	5.0	.052	61.96	-4.69	57.27
- 8:10	10.0	.050	59.77	-4.71	55.07
- 8:15	15.0	.050	59.77	-4.71	55.07
- 8:20	20.0	.050	59.77	-4.71	55.07
- 8:25	25.0	.050	59.77	-4.71	55.07
- 8:30	30.0	.050	59.77	-4.71	55.07
- 8:35	35.0	.051	60.87	-4.70	56.17
- 8:40	40.0	.053	63.06	-4.69	58.37
- 8:41	41.0	.054	64.15	-4.68	59.47
-8:41 END FLOW	0.0	.054	64.15	-4.68	59.47
- 8:44	3.0	.175	196.55	-3.82	192.73
- 8:47	6.0	.249	277.53	-3.30	274.23
- 8:50	9.0	.322	357.41	-2.78	354.63
- 8:53	12.0	.391	432.91	-2.29	430.62
- 8:56	15.0	.439	485.43	-1.95	483.48
- 8:59	18.0	.463	511.69	-1.78	509.91
- 9:02	21.0	.481	531.39	-1.65	529.74
- 9:05	24.0	.495	546.71	-1.55	545.15
- 9:08	27.0	.508	560.93	-1.46	559.47
- 9:11	30.0	.643	708.66	-.51	708.15
- 9:14	33.0	.766	843.25	.37	843.61
- 9:17	36.0	.820	902.34	.75	903.08
- 9:20	39.0	.855	940.63	1.00	941.63
- 9:23	42.0	.887	975.65	1.22	976.87
- 9:26	45.0	.916	1007.38	1.41	1008.79
- 9:29	48.0	.937	1030.36	1.51	1031.87
- 9:32	51.0	.953	1047.87	1.58	1049.45
- 9:35	54.0	.963	1058.81	1.63	1060.44
- 9:38	57.0	.974	1070.85	1.68	1072.53
- 9:40	59.0	.979	1076.32	1.70	1078.02
-9:40 1ST SHUT-IN	0.0	.979	1076.32	1.70	1078.02
-9:40 2ND FLOW	0.0	.096	110.11	-4.38	105.73
- 9:45	5.0	.091	104.64	-4.42	100.22
- 9:50	10.0	.088	101.35	-4.44	96.92
- 9:55	15.0	.088	101.35	-4.44	96.92
- 10:00	20.0	.088	101.35	-4.44	96.92
- 10:05	25.0	.088	101.35	-4.44	96.92
- 10:10	30.0	.088	101.35	-4.44	96.92

SUPERIOR TESTERS ENTERPRISES INC.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : ENERGY THREE INC.
 DATE OF TEST : 2-19-1988
 DEPTH : 4149.0

WELL NAME : STUCKY-BOLDT #1
 LOCATION : C-NW-SE 29-29-6
 SERIAL NO. : 11087

COMMENTS	TIME min	DEFL in	PRESSURE PSIG		
			----- CALC	CORR	CORRECTED
TEST NO.: 4					
- 10:15	35.0	.088	101.35	-4.44	96.92
- 10:20	40.0	.090	103.54	-4.42	99.12
- 10:25	45.0	.090	103.54	-4.42	99.12
- 10:30	50.0	.091	104.64	-4.42	100.22
- 10:35	55.0	.091	104.64	-4.42	100.22
- 10:40	60.0	.093	106.83	-4.40	102.42
-10:40 END FLOW	0.0	.093	106.83	-4.40	102.42
- 10:43	3.0	.174	195.46	-3.83	191.63
- 10:46	6.0	.221	246.89	-3.50	243.39
- 10:48	8.0	.232	258.92	-3.42	255.51
- 10:49	9.0	.253	281.90	-3.27	278.63
- 10:52	12.0	.320	355.22	-2.79	352.42
- 10:55	15.0	.453	500.75	-1.85	498.90
- 10:58	18.0	.554	611.27	-1.14	610.13
- 11:01	21.0	.594	655.04	-.85	654.19
- 11:04	24.0	.615	678.02	-.70	677.31
- 11:07	27.0	.634	698.81	-.57	698.24
- 11:10	30.0	.643	708.66	-.51	708.15
- 11:13	33.0	.654	720.69	-.43	720.26
- 11:16	36.0	.665	732.73	-.35	732.38
- 11:19	39.0	.677	745.86	-.26	745.59
- 11:22	42.0	.684	753.52	-.22	753.30
- 11:25	45.0	.689	758.99	-.18	758.81
- 11:28	48.0	.698	768.84	-.12	768.72
- 11:31	51.0	.702	773.22	-.09	773.13
- 11:34	54.0	.708	779.78	-.05	779.74
- 11:37	57.0	.711	783.06	-.02	783.04
- 11:40	60.0	.710	781.97	-.03	781.94
- 11:43	63.0	.711	783.06	-.02	783.04
- 11:46	66.0	.711	783.06	-.02	783.04
- 11:49	69.0	.711	783.06	-.02	783.04
- 11:52	72.0	.711	783.06	-.02	783.04
- 11:55	75.0	.711	783.06	-.02	783.04
- 11:58	78.0	.711	783.06	-.02	783.04
- 12:01	81.0	.711	783.06	-.02	783.04
- 12:04	84.0	.711	783.06	-.02	783.04
- 12:07	87.0	.711	783.06	-.02	783.04
- 12:10	90.0	.711	783.06	-.02	783.04
-12:10 2ND SHUT-IN	0.0	.711	783.06	-.02	783.04
-2ND HYDROSTATIC	0.0	1.850	2029.40	5.54	2034.93

CALCULATED RECOVERY ANALYSIS

DST Number: 4

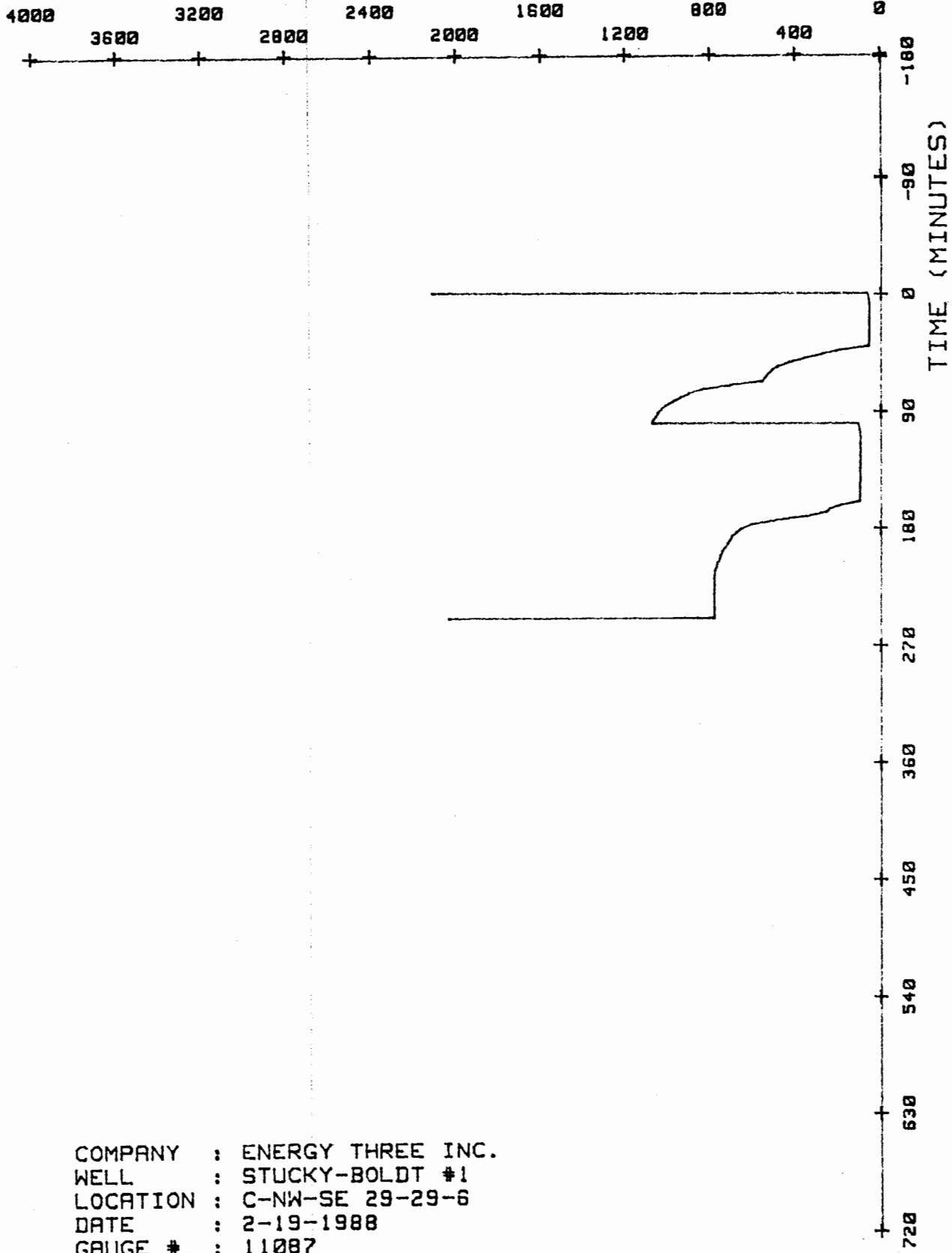
Test ticket number: 10074

Sample #	Total Feet	***** Gas ****		***** Oil ****		***** Mud ****	
		%	Feet	%	Feet	%	Feet
1	100	58.00	58.00	20.00	20.00	10.00	10.00
2	60	50.00	30.00	20.00	12.00	20.00	12.00
3	90	68.00	61.20	20.00	18.00	7.00	6.30
4	30	3.00	.90	2.00	.60	25.00	7.50
TOTAL	280	53.61	150.10	18.07	50.60	12.79	35.80

Sample #	Total Feet	**** WATER ****		Chlorides (ppm)	Resistivity (ohms)	Temperature (deg)
		%	Feet			
1	100	12.00	12.00	0.00	0.00	0.00
2	60	10.00	6.00	0.00	0.00	0.00
3	90	5.00	4.50	0.00	0.00	0.00
4	30	70.00	21.00	0.00	0.00	0.00
TOTAL	280	15.54	43.50			

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES, INC.

PRESSURE (P S I G)



COMPANY : ENERGY THREE INC.
WELL : STUCKY-BOLDT #1
LOCATION : C-NW-SE 29-29-6
DATE : 2-19-1988
GAUGE # : 11087

SUPERIOR TESTERS ENTERPRISES INC.

HORNER ANALYSIS

COMPANY : ENERGY THREE INC.
 WELL NAME : STUCKY-BOLDT #1
 LOCATION : C-NW-SE 29-29-6
 STATE & COUNTY : KANSAS, KINGMAN
 DATE OF TEST : 2-19-1988
 TEST INT. KB : 4141 to 4155
 TOTAL INTERVAL (ft) K.B. : 14.00
 ELEV.(GR) : 1527 (KB) : 1535
 FIELD :

ELEMENT SERIAL NO. : 11087
 LATEST CALIBRATION :

COMMENTS	TIME min	(T+dt)/dt min	----- PRESSURES CORR PSIG -----
Refer. depth :	4149.0 ft-kb		
-8:41 END FLOW	0.00	0.00	59.47
	3.00	14.67	192.73
	6.00	7.83	274.23
	9.00	5.56	354.63
	12.00	4.42	430.62
	15.00	3.73	483.48
	18.00	3.28	509.91
	21.00	2.95	529.74
	24.00	2.71	545.15
	27.00	2.52	559.47
	30.00	2.37	708.15
	33.00	2.24	843.61
	36.00	2.14	903.08
	39.00	2.05	941.63
	42.00	1.98	976.87
	45.00	1.91	1008.81
	48.00	1.85	1031.94
	51.00	1.80	1049.56
	54.00	1.76	1060.57
	57.00	1.72	1072.69
	59.00	1.69	1078.19
-9:40 1ST SHUT-IN	0.00	0.00	1078.19

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES, INC.

SUPERIOR TESTERS ENTERPRISES INC.

HORNER ANALYSIS

COMPANY : ENERGY THREE INC.
 WELL NAME : STUCKY-BOLDT #1
 LOCATION : C-NW-SE 29-29-6
 STATE & COUNTY : KANSAS, KINGMAN
 DATE OF TEST : 2-19-1988
 TEST INT. KB : 4141 to 4155
 TOTAL INTERVAL (ft) K.B. : 14.00
 ELEV.(GR) : 1527 (KB) : 1535
 FIELD :

ELEMENT SERIAL NO. : 11087
 LATEST CALIBRATION :

COMMENTS	TIME min	(T+dt)/dt min	----- PRESSURES CORR PSIG
Refer. depth :	4149.0 ft-kb		
-10:40 END FLOW	0.00	0.00	102.42
	3.00	34.67	191.63
	6.00	17.83	243.39
	8.00	13.63	255.51
	9.00	12.22	278.63
	12.00	9.42	352.42
	15.00	7.73	498.90
	18.00	6.61	610.13
	21.00	5.81	654.19
	24.00	5.21	677.31
	27.00	4.74	698.24
	30.00	4.37	708.15
	33.00	4.06	720.26
	36.00	3.81	732.38
	39.00	3.59	745.59
	42.00	3.40	753.30
	45.00	3.24	758.81
	48.00	3.10	768.72
	51.00	2.98	773.13
	54.00	2.87	779.74
	57.00	2.77	783.04
	60.00	2.68	781.94
	63.00	2.60	783.04
	66.00	2.53	783.04
	69.00	2.46	783.04
	72.00	2.40	783.04
	75.00	2.35	783.04
	78.00	2.29	783.04
	81.00	2.25	783.04
	84.00	2.20	783.04

SUPERIOR TESTERS ENTERPRISES INC.

DATA SUMMARY

COMPANY : ENERGY THREE INC.
 DATE OF TEST : 2-19-1988
 DST. NO : 4

WELL NAME : STUCKY-BOLDT #1
 LOCATION : C-NW-SE 29-29-6
 SHUT-IN PERIOD : 2

INTERPRETIVE DATA (OIL)

TRANSMISSIBILITY

Oil (md.ft/cp):	11.20
Gas (md.ft/cp):	0.00

EFFECTIVE PERMEABILITY

Oil (md):	1.09
Gas (md):	0.00

TOTAL MOBILITY (md/cp):	2.21
-------------------------------	------

TOTAL COMPRESSIBILITY (psi-1):	7.86E-06
--------------------------------------	----------

ESTIMATED DAMAGE RATIO:	2.08
-------------------------------	------

CALCULATED DAMAGE RATIO:	2.33
--------------------------------	------

Reservoir Temperature (F):	127.00
----------------------------------	--------

Formation Porosity :18
----------------------------	-----

Formation Thickness (ft):	10.00
---------------------------------	-------

Wellbore Radius (in):	3.94
-----------------------------	------

Reservoir Compressibility (psi-1):	4.80E-07
--	----------

Calculated Skin Factor :	6.35
--------------------------------	------

PRODUCTION WITH DAMAGE REMOVED (bbl/D):	11.73
---	-------

PRODUCTIVITY INDEX (bbl/psi):01
-------------------------------------	-----

Final Flow Pressure (psi):	102.00
----------------------------------	--------

APPROXIMATE RADIUS OF INVESTIGATION (ft):	52.29
---	-------

Total Flowing Time (min):	101.00
---------------------------------	--------

EXTRAPOLATED RESERVOIR PRESSURE (psi):	810.00
--	--------

Slope of Build-up Curve (psi/log cycle):	73.17
--	-------

Effective Producing Time (min):	101.00
---------------------------------------	--------

Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date February 20th Location C NE SE 29-29-6 Elevation 1535 RD County KINGMAN

Company ENERGY THREE INC. Number of Copies 5

Charts Mailed to P.O. Box 1505 Great Bend Kansas 67530

Drilling Contractor Duke Drilling Rig # 3

Length Drill Pipe 3621 I.D. Drill Pipe 3.75 Tool Joint Size 4 1/2 x 11

Length Weight Pipe 439 I.D. Weight Pipe 2.75 Tool Joint Size 4 1/2 x 11

Length Drill Collars 62 I.D. Drill Collars 2.25 Tool Joint Size 1 1/2 x 4

Top Packer Depth 4150 Bottom Packer Depth 4155 Number of Packers 2 Packer Size 8 3/4

TESTED FROM 4155 TO 4172 ANCHOR LENGTH 17 TOTAL DEPTH 4172 Hole Size 7 7/8

LEASE & WELL NO. Stucky Bolt #1 FORMATION TESTED MISS TEST NO. 5

Mud Weight 9.2 Viscosity 55 Water Loss 14.4 Chlorides - Pits 15000 D.S.T. _____

Maximum Temp. 129 °F Initial Hydrostatic Pressure (A) 2154 P.S.I. Final Hydrostatic Pressure (H) 2079 P.S.I.

Tool Open I.F.P. from 9:30 AM to 10:15 AM 45 min

Tool Closed I.C.I.P. from 10:15 AM to 11:15 AM 60 min

Tool Open F.F.P. from 11:15 AM to 12:15 PM 60 min

Tool Closed F.C.I.P. from 12:15 PM to 1:45 PM 90 min

Initial Blow WEAK BLOW Building To Bottom of Bucket 3 1/2 #

Final Blow FAIR Building To Bottom of Bucket 3 1/4

Total Feet Recovered 2975 GAS in pipe 410 OIL GAS CUT WATER, MUD Gravity of Oil _____ Corrected

~~50~~ Feet of OIL CUT MUD 1 % Gas 11 % Oil 55 % Mud 0 % Water

~~120~~ Feet of Slight oil gas cut watery mud 2 % Gas 3 % Oil 54 % Mud 36 % Water

~~60~~ Feet of Slight Gas oil cut muddy water 14 % Gas 5 % Oil 36 % Mud 45 % Water

~~180~~ Feet of MUDDY WATER - % Gas - % Oil 15 % Mud 85 % Water

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

Remarks 140,000 TO PULL LOOSE

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

Top Recorder No. 11088 Clock No. 47441 Depth 47441 Cir. Sub _____ Sampler None

Bottom Recorder No. 11088 Clock No. 47442 Depth 47442 Insurance None

Price of Job _____

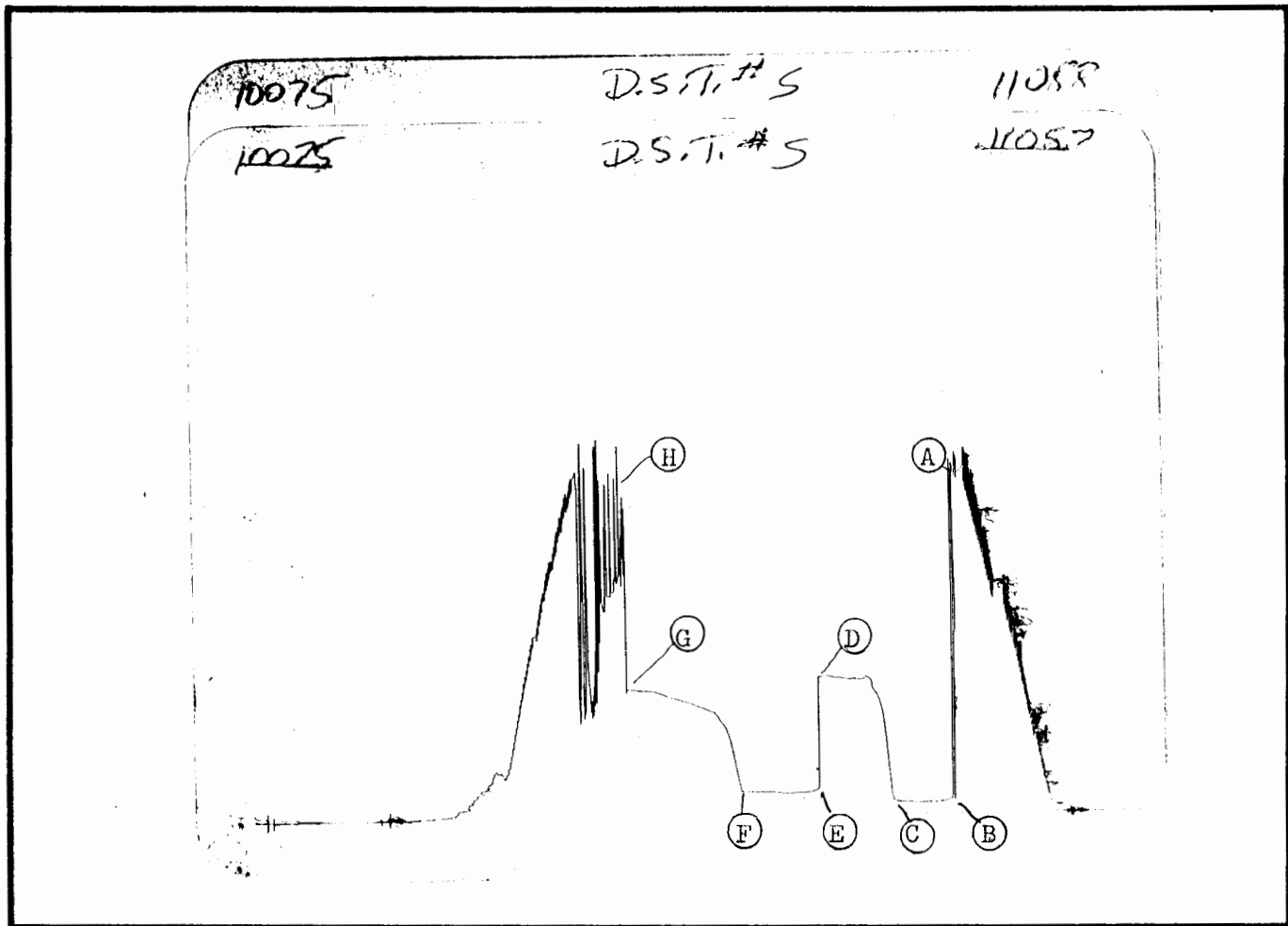
Tool Operator Pat Stevenson

Approved By _____

No. 10075

from [B] <u>88</u> P.S.I. to [C] <u>88</u> P.S.I.
[D] <u>831</u> P.S.I.
from [E] <u>154</u> P.S.I. to [F] <u>154</u> P.S.I.
[G] <u>782</u> P.S.I.

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, of 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	2159	2119	P.S.I.
(B) First Initial Flow Pressure	88	89	P.S.I.
(C) First Final Flow Pressure	88	81	P.S.I.
(D) Initial Closed-in Pressure	837	840	P.S.I.
(E) Second Initial Flow Pressure	154	144	P.S.I.
(F) Second Final Flow Pressure	154	148	P.S.I.
(G) Final Closed-in Pressure	782	774	P.S.I.
(H) Final Hydrostatic Mud	2099	2091	P.S.I.

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES, INC.

SUPERIOR TESTERS ENTERPRISES INC.

WELL IDENTIFICATION DATA

COMPANY : ENERGY THREE INC.	WELL NAME : STUCKY-BOLDT #1
ADDRESS : P.O. BOX 1505 GREAT BEND	LOCATION : C-NW-SE 29-29-6
STATE & COUNTY : KANSAS, KINGMAN	FIELD :
ELEV.(GR) : 1527 (KB) : 1535	TEST DATE : 2-20-1988

EQUIPMENT AND HOLE DATA

FORMATION TESTED : MISSISSIPPI	DRILL PIPE LENGTH(ft) : 3621
TEST INT. KB : 4155 to 4172	DRILL PIPE O.D.(in) : 3.82
ANCHOR LENGTH(ft) : 17	WEIGHT PIPE LENGTH(ft) : 439
TYPE OF TEST : Conventional	WEIGHT PIPE ID : 2.75
TOTAL DEPTH(ft-kg) : 4172	DRILL COLLAR LENGTH(ft) : 62
MAIN HOLE SIZE(in) : 7 7/8	DRILL COLLAR I.D.(in) : 2.259
MUD WEIGHT : 9.2	TOP PACKER DEPTH(kb) : 4150
MUD VISCOSITY : 55	BOTTOM PACKER DEPTH(kb) : 4155
MUD CHLORIDES : 15000	DUAL PACKERS :
SURFACE CHOKE : 3/4	PACKER SIZE(in) : 6 3/4
BOTTOM CHOKE(in) : 3/4	PACKER HOLD : Yes
TOOL SIZE(O.D.) : 5 1/2	TOOL PLUG : No
TOOL JOINT SIZE(F.H.) : 4 1/2	REVERSED OUT : No
RESERVOIR TEMPERATURE(F) : 129	TEST TICKET NUMBER : 10075

EXTRA EQUIPMENT :

ELEMENT SERIAL NO. : 11087
RANGE : 0 - 4350 CLOCK RANGE : 12 HOURS
CAL. EQU. : 1094.24 * Defl. + 5.06

SURFACE BLOW

1st Opening : WEAK BLOW BUILT TO BOTTOM OF BUCKET IN 3 1/2 MIN.
2nd Opening : FAIR BLOW BUILT TO BOTTOM OF BUCKET IN 3 MIN.

RECOVERY

Recovered 2975 feet of GAS IN THE PIPE
Recovered 50 feet of OIL CUT MUD
Recovered 180 feet of SLIGHTLY OIL AND GAS CUT MUDDY WATER
Recovered 180 feet of MUDDY WATER

REMARKS :

-
-

WITNESSED BY : STEVE MILLER

TOOL OPERATOR : PAT STEVENSON

SUPERIOR TESTERS ENTERPRISES INC.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : ENERGY THREE INC.
 DATE OF TEST : 2-20-1988
 DEPTH : 4166.0

WELL NAME : STUCKY-BOLDT #1
 LOCATION : C-NW-SE 29-29-6
 SERIAL NO. : 11087

COMMENTS	TIME min	DEFL in	PRESSURE PSIG		
			----- CALC	CORR	CORRECTED
TEST NO.:5					
Depth : 4166.0 ft-kb					
-1ST HYDROSTATIC	0.0	1.927	2113.66	5.34	2119.00
-9:30 1ST FLOW	0.0	.081	93.69	-4.49	89.21
- 9:35	5.0	.072	83.85	-4.55	79.30
- 9:40	10.0	.070	81.66	-4.57	77.09
- 9:45	15.0	.065	76.19	-4.60	71.59
- 9:50	20.0	.065	76.19	-4.60	71.59
- 9:55	25.0	.066	77.28	-4.59	72.69
- 10:00	30.0	.066	77.28	-4.59	72.69
- 10:05	35.0	.068	79.47	-4.58	74.89
- 10:10	40.0	.069	80.56	-4.57	75.99
- 10:15	45.0	.074	86.03	-4.54	81.50
-10:15 END FLOW	0.0	.074	86.03	-4.54	81.50
- 10:18	3.0	.207	231.57	-3.59	227.97
- 10:21	6.0	.426	471.21	-2.04	469.16
- 10:24	9.0	.571	629.87	-1.02	628.85
- 10:27	12.0	.644	709.75	-.50	709.25
- 10:30	15.0	.680	749.14	-.24	748.90
- 10:33	18.0	.741	815.89	.19	816.08
- 10:36	21.0	.757	833.40	.30	833.70
- 10:39	24.0	.745	820.27	.22	820.48
- 10:42	27.0	.743	818.08	.20	818.28
- 10:45	30.0	.744	819.17	.21	819.38
- 10:48	33.0	.745	820.27	.22	820.48
- 10:51	36.0	.747	822.46	.23	822.69
- 10:54	39.0	.749	824.64	.25	824.89
- 10:57	42.0	.753	829.02	.27	829.30
- 11:00	45.0	.753	829.02	.27	829.30
- 11:03	48.0	.760	836.68	.32	837.00
- 11:06	51.0	.764	841.06	.35	841.41
- 11:09	54.0	.764	841.06	.35	841.41
- 11:12	57.0	.763	839.96	.34	840.31
- 11:14	59.0	.763	839.96	.34	840.31
-11:14 1ST SHUT-IN	0.0	.763	839.96	.34	840.31
-11:14 2ND FLOW	0.0	.131	148.41	-4.13	144.27
- 11:19	5.0	.131	148.41	-4.13	144.27
- 11:24	10.0	.129	146.22	-4.15	142.07
- 11:29	15.0	.129	146.22	-4.15	142.07
- 11:34	20.0	.126	142.94	-4.17	138.77
- 11:39	25.0	.125	141.84	-4.18	137.67
- 11:44	30.0	.126	142.94	-4.17	138.77

SUPERIOR TESTERS ENTERPRISES INC.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : ENERGY THREE INC.
 DATE OF TEST : 2-20-1988
 DEPTH : 4166.0

WELL NAME : STUCKY-BOLDT #1
 LOCATION : C-NW-SE 29-29-6
 SERIAL NO. : 11087

COMMENTS	TIME min	DEFL in	PRESSURE PSIG		
			----- CALC	CORR	CORRECTED
TEST NO.:5					
- 11:49	35.0	.130	147.31	-4.14	143.17
- 11:54	40.0	.132	149.50	-4.13	145.37
- 11:59	45.0	.133	150.59	-4.12	146.48
- 12:04	50.0	.133	150.59	-4.12	146.48
- 12:09	55.0	.133	150.59	-4.12	146.48
- 12:14	60.0	.135	152.78	-4.10	148.68
-12:14 END FLOW	0.0	.135	152.78	-4.10	148.68
- 12:17	3.0	.227	253.45	-3.45	250.00
- 12:20	6.0	.337	373.82	-2.67	371.15
- 12:23	9.0	.427	472.30	-2.04	470.26
- 12:26	12.0	.482	532.48	-1.65	530.84
- 12:29	15.0	.502	554.37	-1.50	552.86
- 12:32	18.0	.549	605.80	-1.17	604.63
- 12:35	21.0	.571	629.87	-1.02	628.85
- 12:38	24.0	.581	640.81	-.95	639.87
- 12:41	27.0	.589	649.57	-.89	648.68
- 12:44	30.0	.599	660.51	-.82	659.69
- 12:47	33.0	.605	667.07	-.78	666.30
- 12:50	36.0	.615	678.02	-.70	677.31
- 12:53	39.0	.624	687.87	-.64	687.22
- 12:56	42.0	.631	695.52	-.59	694.93
- 12:59	45.0	.636	701.00	-.56	700.44
- 13:02	48.0	.643	708.66	-.51	708.15
- 13:05	51.0	.649	715.22	-.46	714.76
- 13:08	54.0	.655	721.79	-.42	721.37
- 13:11	57.0	.663	730.54	-.36	730.18
- 13:14	60.0	.672	740.39	-.30	740.09
- 13:17	63.0	.680	749.14	-.24	748.90
- 13:20	66.0	.688	757.90	-.19	757.71
- 13:23	69.0	.693	763.37	-.15	763.22
- 13:26	72.0	.695	765.56	-.14	765.42
- 13:29	75.0	.697	767.74	-.12	767.62
- 13:32	78.0	.697	767.74	-.12	767.62
- 13:35	81.0	.699	769.93	-.11	769.82
- 13:38	84.0	.701	772.12	-.09	772.03
- 13:41	87.0	.703	774.31	-.08	774.23
- 13:43	89.0	.703	774.31	-.08	774.23
-1:43 2ND SHUT-IN	0.0	.703	774.31	-.08	774.23
-2ND HYDROSTATIC	0.0	1.902	2086.30	5.40	2091.70

CALCULATED RECOVERY ANALYSIS

Test ticket number:10075

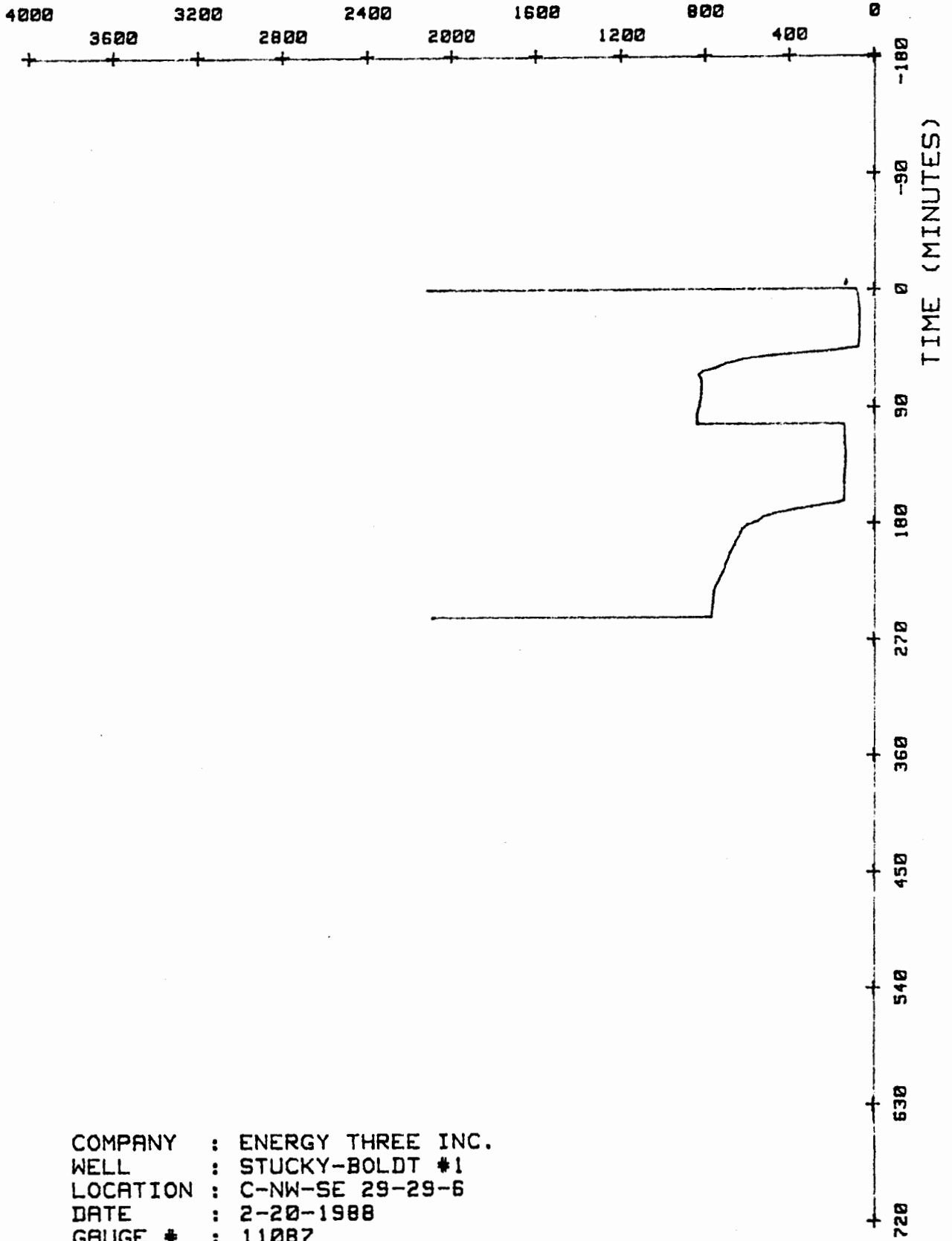
DST Number:5

Sample #	Total Feet	***** Gas ****		***** Oil ****		***** Mud ****	
		%	Feet	%	Feet	%	Feet
1	50	1.00	.50	41.00	20.50	58.00	29.00
2	120	2.00	2.40	8.00	9.60	54.00	64.80
3	60	14.00	8.40	5.00	3.00	36.00	21.60
4	180	0.00	0.00	0.00	0.00	15.00	27.00
TOTAL	410	2.76	11.30	8.07	33.10	34.73	142.40

Sample #	Total Feet	**** WATER ****		Chlorides (ppm)	Resistivity (ohms)	Temperature (deg)
		%	Feet			
1	50	0.00	0.00	0.00	0.00	0.00
2	120	36.00	43.20	0.00	0.00	0.00
3	60	45.00	27.00	0.00	0.00	0.00
4	180	85.00	153.00	0.00	0.00	0.00
TOTAL	410	54.44	223.20			

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES, INC.

PRESSURE (P S I G)

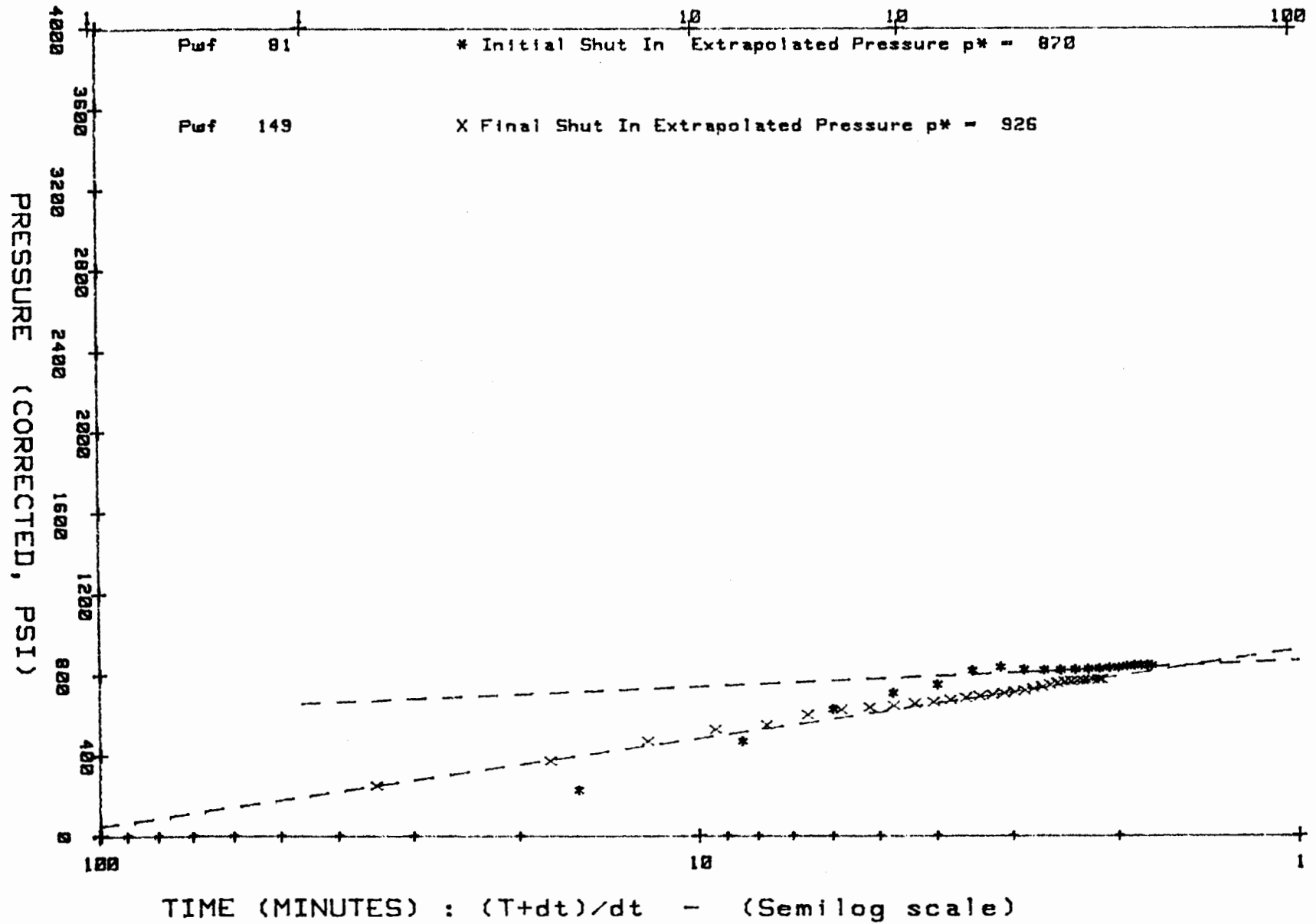


COMPANY : ENERGY THREE INC.
WELL : STUCKY-BOLDT #1
LOCATION : C-NW-SE 29-29-6
DATE : 2-20-1988
GAUGE # : 11087

LOCATION : C-NW-SE 29-29-6

DATE : 2-20-1988

GAUGE # : 11087



SUPERIOR TESTERS ENTERPRISES INC.

DATA SUMMARY

COMPANY : ENERGY THREE INC.
DATE OF TEST : 2-20-1988
DST. NO : 5

WELL NAME : STUCKY-BOLDT #1
LOCATION : C-NW-SE 29-29-6
SHUT-IN PERIOD : 1

INTERPRETIVE DATA (OIL)

EXTRAPOLATED RESERVOIR PRESSURE (psi):	870.00
Slope of Build-up Curve (psi/log cycle):	124.49
Effective Producing Time (min):	45.00

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES, INC.

SUPERIOR TESTERS ENTERPRISES INC.

HORNER ANALYSIS

COMPANY : ENERGY THREE INC.
 WELL NAME : STUCKY-BOLDT #1
 LOCATION : C-NW-SE 29-29-6
 STATE & COUNTY : KANSAS, KINGMAN
 DATE OF TEST : 2-20-1988
 TEST INT. KB : 4155 to 4172
 TOTAL INTERVAL (ft) K.B. : 17.00
 ELEV. (GR) : 1527 (KB) : 1535
 FIELD :

ELEMENT SERIAL NO. : 11087
 LATEST CALIBRATION :

COMMENTS	TIME min	(T+dt)/dt min	PRESSURES CORR PSIG
Refer. depth : 4166.0 ft-kb			
-10:15 END FLOW	0.00	0.00	81.50
	3.00	16.00	227.97
	6.00	8.50	469.16
	9.00	6.00	628.85
	12.00	4.75	709.25
	15.00	4.00	748.90
	18.00	3.50	816.08
	21.00	3.14	833.70
	24.00	2.88	820.48
	27.00	2.67	818.28
	30.00	2.50	819.38
	33.00	2.36	820.48
	36.00	2.25	822.69
	39.00	2.15	824.89
	42.00	2.07	829.30
	45.00	2.00	829.30
	48.00	1.94	837.00
	51.00	1.88	841.41
	54.00	1.83	841.41
	57.00	1.79	840.31
	59.00	1.76	840.31
-11:14 1ST SHUT-IN	0.00	0.00	840.31

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES, INC.

SUPERIOR TESTERS ENTERPRISES INC.

HORNER ANALYSIS

COMPANY : ENERGY THREE INC.
 WELL NAME : STUCKY-BOLDT #1
 LOCATION : C-NW-SE 29-29-6
 STATE & COUNTY : KANSAS, KINGMAN
 DATE OF TEST : 2-20-1988
 TEST INT. KB : 4155 to 4172
 TOTAL INTERVAL (ft) K.B. : 17.00
 ELEV. (GR) : 1527 (KB) : 1535
 FIELD :

ELEMENT SERIAL NO. : 11087
 LATEST CALIBRATION :

COMMENTS	TIME min	(T+dt)/dt min	----- PRESSURES CORR PSIG -----
Refer. depth :	4166.0 ft-kb		
-12:14 END FLOW	0.00	0.00	148.68
	3.00	34.67	250.00
	6.00	17.83	371.15
	9.00	12.22	470.26
	12.00	9.42	530.84
	15.00	7.73	552.86
	18.00	6.61	604.63
	21.00	5.81	628.85
	24.00	5.21	639.87
	27.00	4.74	648.68
	30.00	4.37	659.69
	33.00	4.06	666.30
	36.00	3.81	677.31
	39.00	3.59	687.22
	42.00	3.40	694.93
	45.00	3.24	700.44
	48.00	3.10	708.15
	51.00	2.98	714.76
	54.00	2.87	721.37
	57.00	2.77	730.18
	60.00	2.68	740.09
	63.00	2.60	748.90
	66.00	2.53	757.71
	69.00	2.46	763.22
	72.00	2.40	765.42
	75.00	2.35	767.62
	78.00	2.29	767.62
	81.00	2.25	769.82
	84.00	2.20	772.03
	87.00	2.16	774.23

SUPERIOR TESTERS ENTERPRISES INC.

DATA SUMMARY

COMPANY : ENERGY THREE INC.
DATE OF TEST : 2-20-1988
DST. NO : 5

WELL NAME : STUCKY-BOLDT #1
LOCATION : C-NW-SE 29-29-6
SHUT-IN PERIOD : 2

INTERPRETIVE DATA (OIL)

TRANSMISSIBILITY	
Oil (md.ft/cp):	1
Gas (md.ft/cp):	0
EFFECTIVE PERMEABILITY	
Oil (md):	
Gas (md):	0
TOTAL MOBILITY (md/cp):	
TOTAL COMPRESSIBILITY (psi ⁻¹):	7.86E-0
ESTIMATED DAMAGE RATIO:	
CALCULATED DAMAGE RATIO:	
Reservoir Temperature (F):	129
Formation Porosity :	
Formation Thickness (ft):	10
Wellbore Radius (in):	3
Reservoir Compressibility (psi ⁻¹):	4.80E-0
Calculated Skin Factor :	-2
PRODUCTION WITH DAMAGE REMOVED (bbl/D):	3
PRODUCTIVITY INDEX (bbl/psi):	0
Final Flow Pressure (psi):	149
APPROXIMATE RADIUS OF INVESTIGATION (ft):	33
Total Flowing Time (min):	101
EXTRAPOLATED RESERVOIR PRESSURE (psi):	926
Slope of Build-up Curve (psi/log cycle):	436
Effective Producing Time (min):	101

Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date February 21-1988 Location C-NW-SE 29-29-6 Elevation 1535 K.B. County Kingman

Company ENERGY THREE INC. Number of Copies 5

Charts Mailed to P.O. Box 1505 GREAT BEND KANSAS 67530

Drilling Contractor Duka Drilling Rig #3

Length Drill Pipe 4074 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" X.H.

Length Weight Pipe 439 I.D. Weight Pipe 3.85 Tool Joint Size 4 1/2" X.H.

Length Drill Collars 62 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X.H.

Top Packer Depth 4489 Bottom Packer Depth 4494 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 4494 TO 4515 ANCHOR LENGTH 21 TOTAL DEPTH 4515 Hole Size 7 7/8

LEASE & WELL NO. Stucky-Bolt #1 FORMATION TESTED Viola TEST NO. 6

Mud Weight 9.4 Viscosity 47 Water Loss 11.4 Chlorides - Pits 14,000 D.S.T. _____

Maximum Temp. 128 F Initial Hydrostatic Pressure (A) 2242 P.S.I. Final Hydrostatic Pressure (H) 2220 P.S.I.

Tool Open I.F.P. from 9:00 p.m. to 9:30 p.m. 30 min

Tool Closed I.C.I.P. from 9:30 p.m. to 10:15 p.m. 45 min

Tool Open F.F.P. from 10:15 p.m. to 10:45 p.m. 30 min

Tool Closed F.C.I.P. from 10:45 p.m. to 11:30 p.m. 45 min

Initial Blow WEAK blow DIED in 5 min.

Final Blow NO blow - flushed tool - Good surge - WEAK blow 5 min & died.

Total Feet Recovered 60 Gravity of Oil _____ Corrected _____

60 Feet of MUD % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Remarks _____

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

Top Recorder No. 11087 Clock No. 47441 Depth 4509 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 11088 Clock No. 47442 Depth 4512 Insurance NONE

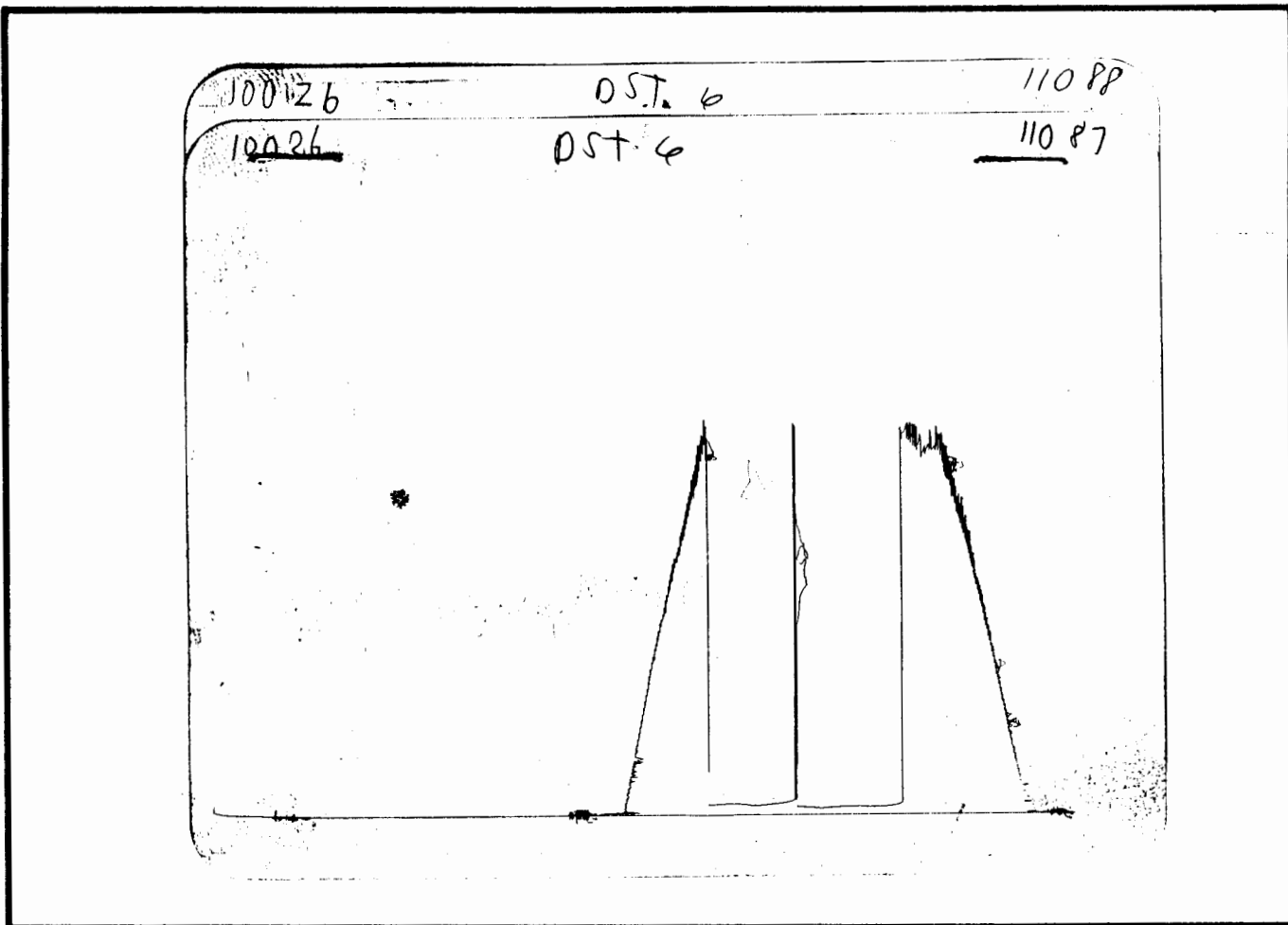
Price of Job \$400.00

Tool Operator Gene Ludwig

Approved By _____

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.

No 10026



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud	<u>2242</u>	<u>2294</u>	P.S.I.
(B) First Initial Flow Pressure	<u>77</u>	<u>74</u>	P.S.I.
(C) First Final Flow Pressure	<u>77</u>	<u>50</u>	P.S.I.
(D) Initial Closed-in Pressure	<u>77</u>	<u>48</u>	P.S.I.
(E) Second Initial Flow Pressure	<u>77</u>	<u>48</u>	P.S.I.
(F) Second Final Flow Pressure	<u>99</u>	<u>66</u>	P.S.I.
(G) Final Closed-in Pressure	<u>77</u>	<u>63</u>	P.S.I.
(H) Final Hydrostatic Mud	<u>2220</u>	<u>2259</u>	P.S.I.

SUPERIOR TESTERS ENTERPRISES INC.

WELL IDENTIFICATION DATA

COMPANY : ENERGY THREE INC.	WELL NAME : STUCKY-BOLDT #1
ADDRESS : P.O. BOX 1505 GREAT BEND	LOCATION : C-NW-SE 29-29-6
STATE & COUNTY : KANSAS, KINGMAN	FIELD :
ELEV. (GR) : 1527 (KB) : 1535	TEST DATE : 2-21-1988

EQUIPMENT AND HOLE DATA

FORMATION TESTED : VIOLA	DRILL PIPE LENGTH(ft) : 4074
TEST INT. KB : 4494 to 4515	DRILL PIPE O.D. (in) : 3.82
ANCHOR LENGTH(ft) : 21	WEIGHT PIPE LENGTH(ft) : 439
TYPE OF TEST : Conventional	WEIGHT PIPE ID : 2.75
TOTAL DEPTH(ft-kg) : 4515	DRILL COLLAR LENGTH(ft) : 62
MAIN HOLE SIZE(in) : 7 7/8	DRILL COLLAR I.D. (in) : 2.259
MUD WEIGHT : 9.4	TOP PACKER DEPTH(kb) : 4489
MUD VISCOSITY : 47	BOTTOM PACKER DEPTH(kb) : 4494
MUD CHLORIDES : 16000	DUAL PACKERS :
SURFACE CHOKE : 3/4	PACKER SIZE(in) : 6 3/4
BOTTOM CHOKE(in) : 3/4	PACKER HOLD : Yes
TOOL SIZE(O.D.) : 5 1/2	TOOL PLUG : No
TOOL JOINT SIZE(F.H.) : 4 1/2	REVERSED OUT : No
RESERVOIR TEMPERATURE(F) : 129	TEST TICKET NUMBER : 10026

EXTRA EQUIPMENT :

ELEMENT SERIAL NO. : 11087
 RANGE : 0 - 4350 CLOCK RANGE : 12 HOURS
 CAL. EQU. : 1094.24 * Defl. + 5.06

SURFACE BLOW

1st Opening : WEAK BLOW DIED IN 5 MIN.
 2nd Opening : NO BLOW

RECOVERY

Recovered 60 feet of MUD

REMARKS :

WITNESSED BY : STEVE MILLER

TOOL OPERATOR : GENE BUDIG

SUPERIOR TESTERS ENTERPRISES INC.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : ENERGY THREE INC.
 DATE OF TEST : 2-21-1988
 DEPTH : 4509.0

WELL NAME : STUCKY-BOLDT #1
 LOCATION : C-NW-SE 29-29-6
 SERIAL NO. : 11087

COMMENTS	TIME min	DEFL in	PRESSURE PSIG		
			----- CALC	CORR	----- CORRECTED
TEST NO.:6					
Depth : 4509.0 ft-kb					
-1ST HYDROSTATIC	0.0	2.088	2289.83	4.93	2294.76
-9:00 1ST FLOW	0.0	.068	79.47	-4.58	74.89
- 9:05	5.0	.053	63.06	-4.69	58.37
- 9:10	10.0	.049	58.68	-4.71	53.96
- 9:15	15.0	.045	54.30	-4.74	49.56
- 9:20	20.0	.045	54.30	-4.74	49.56
- 9:25	25.0	.045	54.30	-4.74	49.56
- 9:30	30.0	.046	55.40	-4.74	50.66
-9:30 END FLOW	0.0	.046	55.40	-4.74	50.66
- 9:35	5.0	.046	55.40	-4.74	50.66
- 9:40	10.0	.046	55.40	-4.74	50.66
- 9:45	15.0	.046	55.40	-4.74	50.66
- 9:50	20.0	.046	55.40	-4.74	50.66
- 9:55	25.0	.043	52.11	-4.76	47.36
- 10:00	30.0	.040	48.83	-4.78	44.05
- 10:05	35.0	.040	48.83	-4.78	44.05
- 10:10	40.0	.043	52.11	-4.76	47.36
- 10:15	45.0	.044	53.21	-4.75	48.46
-10:15 2ND FLOW	0.0	.044	53.21	-4.75	48.46
- 10:20	5.0	.047	56.49	-4.73	51.76
- 10:25	10.0	.078	90.41	-4.51	85.90
- 10:30	15.0	.073	84.94	-4.54	80.40
- 10:35	20.0	.068	79.47	-4.58	74.89
- 10:40	25.0	.065	76.19	-4.60	71.59
- 10:45	30.0	.060	70.72	-4.64	66.08
-10:45 END FLOW	0.0	.060	70.72	-4.64	66.08
- 10:50	5.0	.055	65.24	-4.67	60.57
- 10:55	10.0	.055	65.24	-4.67	60.57
- 11:00	15.0	.058	68.53	-4.65	63.88
- 11:05	20.0	.063	74.00	-4.62	69.38
- 11:10	25.0	.063	74.00	-4.62	69.38
- 11:15	30.0	.065	76.19	-4.60	71.59
- 11:20	35.0	.063	74.00	-4.62	69.38
- 11:25	40.0	.061	71.81	-4.63	67.18
- 11:30	45.0	.058	68.53	-4.65	63.88
-11:30 2ND SHUT-IN	0.0	.058	68.53	-4.65	63.88
-2ND HYDROSTATIC	0.0	2.056	2254.81	5.01	2259.83

Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date FEBRUARY 22-1988 Location C-41-38 29-29-6 Elevation 1535 K.B County KINGMAN

Company ENERGY THREE INC. Number of Copies 5

Charts Mailed to P.O. Box 1505 GREAT BEND KANSAS 67530

Drilling Contractor Duka Drilling Rig #3

Length Drill Pipe 4087 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" X.H.

Length Weight Pipe 439 I.D. Weight Pipe 2.75 Tool Joint Size 4 1/2" X.H.

Length Drill Collars 62 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X.H.

Top Packer Depth 4502 Bottom Packer Depth 4507 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 4507 TO 4519 ANCHOR LENGTH 12 TOTAL DEPTH 4519 Hole Size 7 7/8"

LEASE & WELL NO. Stucky-Bolt #1 FORMATION TESTED Viola TEST NO. 7

Mud Weight 9.4 Viscosity 47 Water Loss 13.4 Chlorides - Pits 16,000 D.S.T. 15,000

Maximum Temp. 129 °F Initial Hydrostatic Pressure (A) 2253 P.S.I. Final Hydrostatic Pressure (H) 2242 P.S.I.

Tool Open I.F.P. from 9:10 A.M. to 9:40 A.M. 30 min

Tool Closed I.C.I.P. from 9:40 A.M. to 10:20 A.M. 60 min

Tool Open F.F.P. from 10:40 A.M. to 11:10 A.M. 30 min

Tool Closed F.C.I.P. from 11:10 A.M. to 12:10 P.M. 60 min

Initial Blow WEAK building blow - built to 1 inch into the water.

Final Blow WEAK building blow - built to 3 1/2 inches into the water.

Total Feet Recovered 70 Gravity of Oil _____ Corrected

10 Feet of MUD with a trace of oil 0% Gas 1% Oil 99% Mud 0% Water

60 Feet of Slightly oil & gas cut mud 12% Gas 6% Oil 52% Mud 30% Water

Feet of A good show of FREE oil in the tool % Gas % Oil % Mud % Water

Feet of _____ % Gas % Oil % Mud % Water

Feet of _____ % Gas % Oil % Mud % Water

Feet of _____ % Gas % Oil % Mud % Water

Feet of _____ % Gas % Oil % Mud % Water

Feet of _____ % Gas % Oil % Mud % Water

Feet of _____ % Gas % Oil % Mud % Water

Feet of _____ % Gas % Oil % Mud % Water

Remarks _____

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

Top Recorder No. 11087 Clock No. 47441 Depth 4513 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 11088 Clock No. 47442 Depth 4516 Insurance NONE

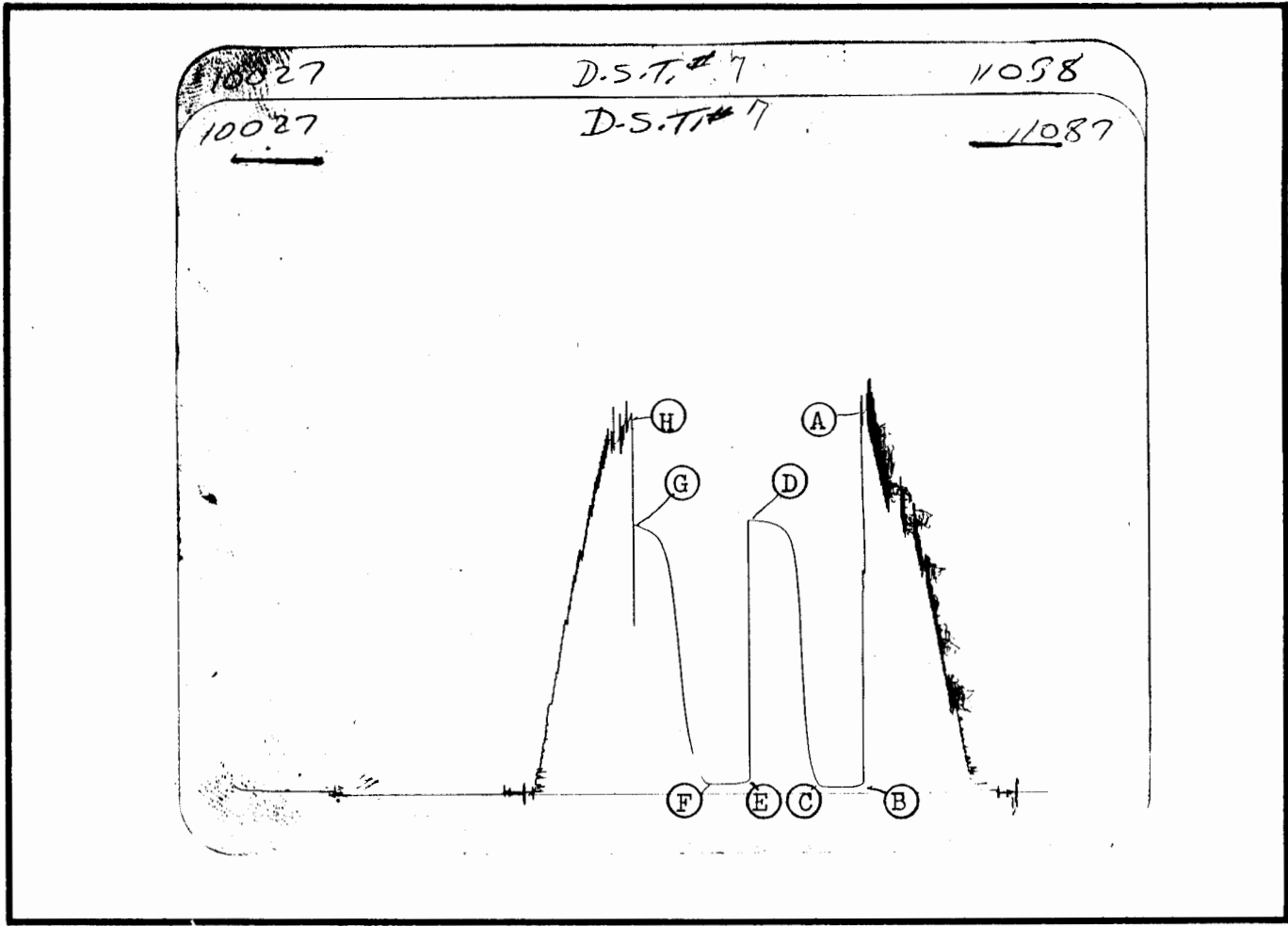
Price of Job \$400.00

Tool Operator Nona Ludwig

Approved By _____

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.

No. 10027



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud	2253	2296	P.S.I.
(B) First Initial Flow Pressure	33	60	P.S.I.
(C) First Final Flow Pressure	44	38	P.S.I.
(D) Initial Closed-in Pressure	1660	1658	P.S.I.
(E) Second Initial Flow Pressure	66	83	P.S.I.
(F) Second Final Flow Pressure	66	60	P.S.I.
(G) Final Closed-in Pressure	1638	1637	P.S.I.
(H) Final Hydrostatic Mud	2242	2257	P.S.I.

SUPERIOR TESTERS ENTERPRISES INC.

WELL IDENTIFICATION DATA

COMPANY : ENERGY THREE INC. WELL NAME : STUCKY-BOLDT #1
ADDRESS : P.O. BOX 1505 GREAT BEND LOCATION : C-NW-SE 29-29-6
STATE & COUNTY : KANSAS, KINGMAN FIELD :
ELEV.(GR) : 1527 (KB) : 1535 TEST DATE : 2-22-1987

EQUIPMENT AND HOLE DATA

FORMATION TESTED : VIOLA DRILL PIPE LENGTH(ft) : 4087
TEST INT. KB : 4507 to 4519 DRILL PIPE O.D.(in) : 3.82
ANCHOR LENGTH(ft) : 12 WEIGHT PIPE LENGTH(ft) : 439
TYPE OF TEST : Conventional WEIGHT PIPE ID : 2.75
TOTAL DEPTH(ft-*kb*) : 4519 DRILL COLLAR LENGTH(ft) : 62
MAIN HOLE SIZE(in) : 7 7/8 DRILL COLLAR I.D.(in) : 2.259
MUD WEIGHT : 9.6 TOP PACKER DEPTH(*kb*) : 4502
MUD VISCOSITY : 47 BOTTOM PACKER DEPTH(*kb*) : 4507
MUD CHLORIDES : 16000 DUAL PACKERS :
SURFACE CHOKE : 3/4 PACKER SIZE(in) : 6 3/4
BOTTOM CHOKE(in) : 3/4 PACKER HOLD : Yes
TOOL SIZE(O.D.) : 5 1/2 TOOL PLUG : No
TOOL JOINT SIZE(F.H.) : 4 1/2 REVERSED OUT : No
RESERVOIR TEMPERATURE(F) : 129 TEST TICKET NUMBER : 10027

EXTRA EQUIPMENT :

ELEMENT SERIAL NO. : 11087
RANGE : 0 - 4350 CLOCK RANGE : 12 HOURS
CAL. EQU. : 1094.24 * Defl. + 5.06

SURFACE BLOW

1st Opening : WEAK BLOW BUILT TO 1 INCH INTO THE WATER
2nd Opening : WEAK BLOW BUILT TO 3 1/2 INCHES INTO THE WATER

RECOVERY

Recovered 10 feet of MUD WITH A TRACE OF OIL
Recovered 60 feet of SLIGHTLY OIL AND GAS CUT MUD

REMARKS :

A GOOD SHOW OF FREE OIL IN THE TOOL

WITNESSED BY : STEVE MILLER

TOOL OPERATOR : GENE BUDIG

SUPERIOR TESTERS ENTERPRISES INC.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : ENERGY THREE INC.
 DATE OF TEST : 2-22-1987
 DEPTH : 4513.0

WELL NAME : STUCKY-BOLDT #1
 LOCATION : C-NW-SE 29-29-6
 SERIAL NO. : 11087

COMMENTS	TIME min	DEFL in	PRESSURE PSIG		
			----- CALC	CORR	----- CORRECTED
TEST NO.:7					
Depth : 4513.0 ft-kb					
-1ST HYDROSTATIC	0.0	2.090	2292.02	4.93	2296.94
-9:10 1ST FLOW	0.0	.055	65.24	-4.67	60.57
- 9:15	5.0	.041	49.93	-4.77	45.15
- 9:20	10.0	.033	41.17	-4.83	36.34
- 9:25	15.0	.032	40.08	-4.83	35.24
- 9:30	20.0	.032	40.08	-4.83	35.24
- 9:35	25.0	.033	41.17	-4.83	36.34
- 9:40	30.0	.035	43.36	-4.81	38.55
-9:40 END FLOW	0.0	.035	43.36	-4.81	38.55
- 9:43	3.0	.041	49.93	-4.77	45.15
- 9:46	6.0	.063	74.00	-4.62	69.38
- 9:49	9.0	.118	134.18	-4.23	129.96
- 9:52	12.0	.213	238.13	-3.55	234.58
- 9:55	15.0	.407	450.42	-2.18	448.24
- 9:58	18.0	.831	914.37	.83	915.20
- 10:01	21.0	1.187	1303.92	2.67	1306.59
- 10:04	24.0	1.343	1474.62	3.40	1478.02
- 10:07	27.0	1.411	1549.03	3.72	1552.75
- 10:10	30.0	1.442	1582.95	3.86	1586.81
- 10:13	33.0	1.463	1605.93	3.96	1609.89
- 10:16	36.0	1.475	1619.06	4.02	1623.08
- 10:19	39.0	1.485	1630.00	4.06	1634.07
- 10:22	42.0	1.492	1637.66	4.10	1641.76
- 10:25	45.0	1.497	1643.13	4.12	1647.25
- 10:28	48.0	1.500	1646.42	4.13	1650.55
- 10:31	51.0	1.501	1647.51	4.14	1651.65
- 10:34	54.0	1.505	1651.89	4.16	1656.04
- 10:37	57.0	1.507	1654.08	4.17	1658.24
- 10:39	59.0	1.507	1654.08	4.17	1658.24
-10:39 1ST SHUT-IN	0.0	1.507	1654.08	4.17	1658.24
-10:39 2ND FLOW	0.0	.076	88.22	-4.52	83.70
- 10:44	5.0	.062	72.90	-4.62	68.28
- 10:49	10.0	.058	68.53	-4.65	63.88
- 10:54	15.0	.055	65.24	-4.67	60.57
- 10:59	20.0	.055	65.24	-4.67	60.57
- 11:04	25.0	.055	65.24	-4.67	60.57
- 11:09	30.0	.055	65.24	-4.67	60.57
-11:09 END FLOW	0.0	.055	65.24	-4.67	60.57
- 11:12	3.0	.059	69.62	-4.64	64.98
- 11:15	6.0	.082	94.79	-4.48	90.31

SUPERIOR TESTERS ENTERPRISES INC.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : ENERGY THREE INC.
 DATE OF TEST : 2-22-1987
 DEPTH : 4513.0

WELL NAME : STUCKY-BOLDT #1
 LOCATION : C-NW-SE 29-29-6
 SERIAL NO. : 11087

COMMENTS	TIME min	DEFL in	PRESSURE PSIG		
			----- CALC	CORR	CORRECTED
TEST NO.:7					
- 11:18	9.0	.124	140.75	-4.18	136.56
- 11:21	12.0	.177	198.74	-3.81	194.93
- 11:24	15.0	.256	285.19	-3.25	281.94
- 11:27	18.0	.365	404.46	-2.48	401.98
- 11:30	21.0	.522	576.25	-1.36	574.89
- 11:33	24.0	.756	832.30	.29	832.60
- 11:36	27.0	.969	1065.38	1.66	1067.03
- 11:39	30.0	1.148	1261.25	2.49	1263.74
- 11:42	33.0	1.276	1401.31	3.09	1404.40
- 11:45	36.0	1.348	1480.09	3.42	1483.52
- 11:48	39.0	1.396	1532.62	3.65	1536.26
- 11:51	42.0	1.425	1564.35	3.78	1568.13
- 11:54	45.0	1.441	1581.86	3.86	1585.71
- 11:57	48.0	1.453	1594.99	3.91	1598.90
- 12:00	51.0	1.462	1604.84	3.96	1608.79
- 12:03	54.0	1.474	1617.97	4.01	1621.98
- 12:06	57.0	1.482	1626.72	4.05	1630.77
- 12:09	60.0	1.487	1632.19	4.07	1636.26
-12:09 2ND SHUT-IN	0.0	1.488	1633.29	4.08	1637.36
- 12:09	0.0	2.053	2251.53	5.02	2256.55
-2ND HYDROSTATIC	.1	2.054	2252.62	5.02	2257.64

CALCULATED RECOVERY ANALYSIS

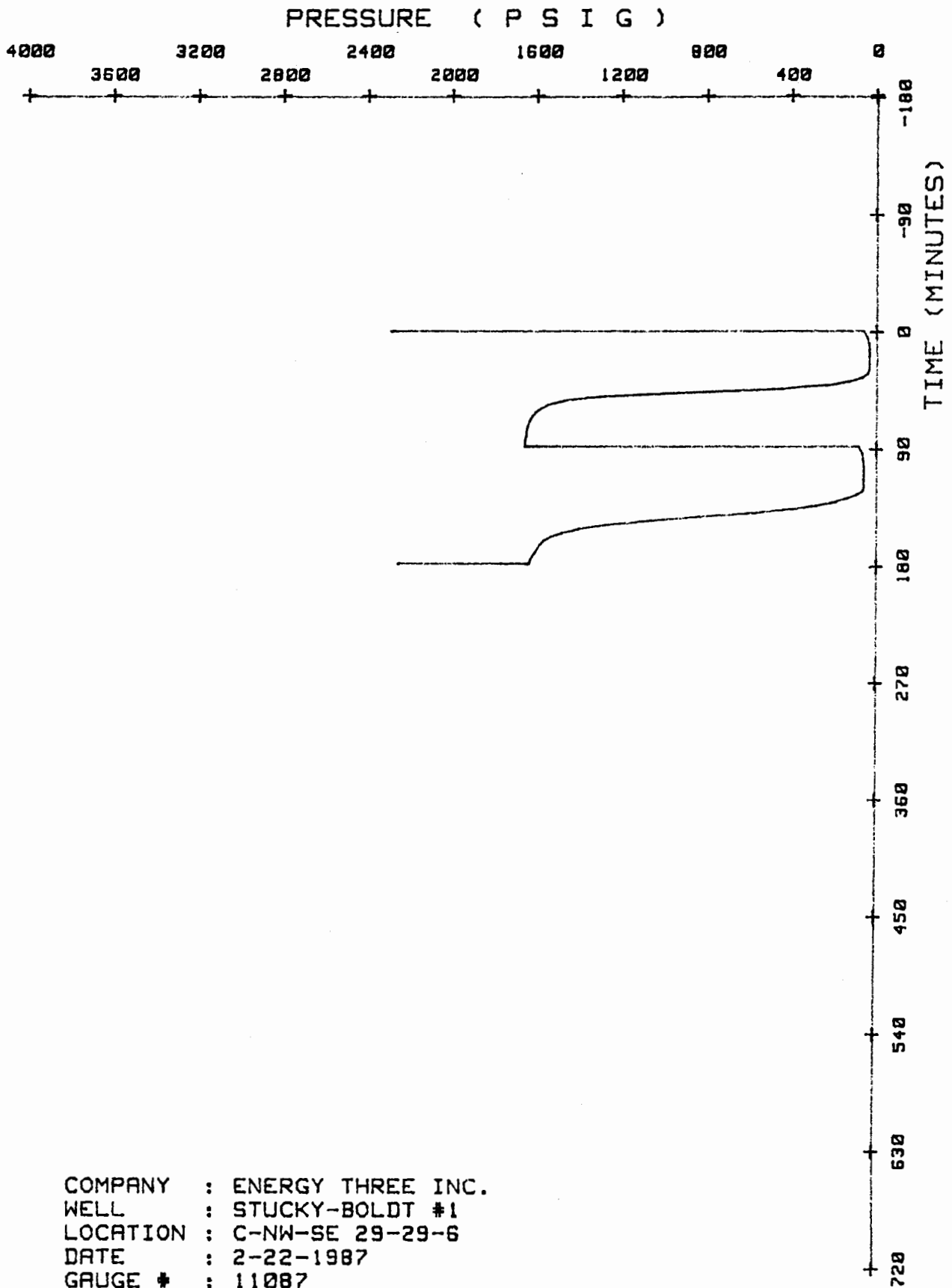
DST Number:7

Test ticket number:10027

Sample #	Total Feet	***** Gas %	**** Feet	***** Oil %	**** Feet	***** Mud %	**** Feet
1	10	0.00	0.00	1.00	.10	99.00	9.90
2	60	12.00	7.20	6.00	3.60	52.00	31.20
TOTAL	70	10.29	7.20	5.29	3.70	58.71	41.10

Sample #	Total Feet	**** WATER %	**** Feet	Chlorides (ppm)	Resistivity (ohms)	Temperature (deg)
1	10	0.00	0.00	0.00	0.00	0.00
2	60	30.00	18.00	0.00	0.00	0.00
TOTAL	70	25.71	18.00			

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES, INC.



COMPANY : ENERGY THREE INC.
 WELL : STUCKY-BOLDT #1
 LOCATION : C-NW-SE 29-29-6
 DATE : 2-22-1987
 GAUGE # : 11087

SUPERIOR TESTERS ENTERPRISES INC.

DATA SUMMARY

COMPANY : ENERGY THREE INC.
DATE OF TEST : 2-22-1987
DST. NO : 7

WELL NAME : STUCKY-BOLDT #1
LOCATION : C-NW-SE 29-29-6
SHUT-IN PERIOD : 1

INTERPRETIVE DATA (OIL)

EXTRAPOLATED RESERVOIR PRESSURE (psi):	1751.00
Slope of Build-up Curve (psi/log cycle):	480.12
Effective Producing Time (min):	30.00

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES, INC.

SUPERIOR TESTERS ENTERPRISES INC.

HORNER ANALYSIS

COMPANY : ENERGY THREE INC.
 WELL NAME : STUCKY-BOLDT #1
 LOCATION : C-NW-SE 29-29-6
 STATE & COUNTY : KANSAS, KINGMAN
 DATE OF TEST : 2-22-1987
 TEST INT. KB : 4507 to 4519
 TOTAL INTERVAL (ft) K.B. : 12.00
 ELEV. (GR) : 1527 (KB) : 1535
 FIELD :

ELEMENT SERIAL NO. : 11087
 LATEST CALIBRATION :

COMMENTS	TIME min	(T+dt)/dt min	----- PRESSURES CORR PSIG
Refer. depth :	4513.0 ft-kb		
-11:09 END FLOW	0.00	0.00	60.57
	3.00	30.67	64.98
	6.00	15.83	90.31
	9.00	10.89	136.56
	12.00	8.42	194.93
	15.00	6.93	281.94
	18.00	5.94	401.98
	21.00	5.24	574.89
	24.00	4.71	832.60
	27.00	4.30	1067.18
	30.00	3.97	1264.32
	33.00	3.70	1405.29
	36.00	3.47	1484.58
	39.00	3.28	1537.44
	42.00	3.12	1569.38
	45.00	2.98	1587.00
	48.00	2.85	1600.22
	51.00	2.75	1610.13
	54.00	2.65	1623.35
	57.00	2.56	1632.16
	60.00	2.48	1637.67
-12:09 2ND SHUT-IN	0.00	0.00	1638.77
	0.00	0.00	2261.01

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES, INC.

SUPERIOR TESTERS ENTERPRISES INC.

DATA SUMMARY

COMPANY : ENERGY THREE INC.
 DATE OF TEST : 2-22-1987
 DST. NO : 7

WELL NAME : STUCKY-BOLDT #1
 LOCATION : C-NW-SE 29-29-6
 SHUT-IN PERIOD : 2

INTERPRETIVE DATA (OIL)

TRANSMISSIBILITY

Oil (md.ft/cp):10
 Gas (md.ft/cp): 0.00

EFFECTIVE PERMEABILITY

Oil (md):02
 Gas (md): 0.00

TOTAL MOBILITY (md/cp):15

TOTAL COMPRESSIBILITY (psi⁻¹): 6.79E-06

ESTIMATED DAMAGE RATIO:58

CALCULATED DAMAGE RATIO:89

Reservoir Temperature (F): 129.00
 Formation Porosity :18
 Formation Thickness (ft): 4.00
 Wellbore Radius (in): 3.94
 Reservoir Compressibility (psi⁻¹): 4.80E-07
 Calculated Skin Factor : -.39

PRODUCTION WITH DAMAGE REMOVED (bbl/D):44

PRODUCTIVITY INDEX (bbl/psi): 0.00

Final Flow Pressure (psi): 61.00

APPROXIMATE RADIUS OF INVESTIGATION (ft): 13.94

Total Flowing Time (min): 89.00

EXTRAPOLATED RESERVOIR PRESSURE (psi): 1915.00

Slope of Build-up Curve (psi/log cycle): 694.69

Effective Producing Time (min): 89.00

Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date February 22, 1988 Location C-NW-SE 29-29-6 Elevation 1535 K.F. County Kingman

Company Energy Three Inc. Number of Copies 5

Charts Mailed to P.O. Box 1905 Great Bend Kansas 67530

Drilling Contractor Duke Drilling Rig #3

Length Drill Pipe 4029 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" X.H.

Length Weight Pipe 439 I.D. Weight Pipe 2.75 Tool Joint Size 4 1/2" X.H.

Length Drill Collars 124 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X.H.

Top Packer Depth 4504 Bottom Packer Depth 4519 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 4519 TO 4523 ANCHOR LENGTH 12 TOTAL DEPTH 4523 Hole Size 7 7/8

LEASE & WELL NO. Stucky Gold #1 FORMATION TESTED Viola TEST NO. 8

Mud Weight 9.4 Viscosity 47 Water Loss 13.4 Chlorides - Pits 16000 D.S.T. 16000

Maximum Temp. 129 °F Initial Hydrostatic Pressure (A) 2253 P.S.I. Final Hydrostatic Pressure (H) 2230 P.S.I.

Tool Open I.F.P. from 10:30 pm to 11:00 pm 30 min

Tool Closed I.C.I.P. from 11:00 pm to 12:00 am 60 min

Tool Open F.F.P. from 12:00 am to 1:00 am 60 min

Tool Closed F.C.I.P. from 1:00 am to 2:00 am 60 min

Initial Blow WEAK building blow - Built to 3 1/2 inches into the water

Final Blow WEAK building blow - Built to the bottom of a 3 gallon bucket in 43 min

Total Feet Recovered _____ Gravity of Oil _____ Corrected

10 Feet of Very Slightly oil cut mud 0% Gas 3 % Oil 97 % Mud 0 % Water

70 Feet of Oil cut mud 0% Gas 18 % Oil 62 % Mud 20 % Water

50 Feet of muddy water with a trace of oil 0% Gas 0 % Oil 40 % Mud 60 % Water

____ Feet of LESS than 1% % Gas _____ % Oil _____ % Mud _____ % Water

____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

Remarks _____

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

Top Recorder No. 11087 Clock No. 47441 Depth 4517 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 11084 Clock No. 47442 Depth 4520 Insurance NONE

Price of Job 5400.00

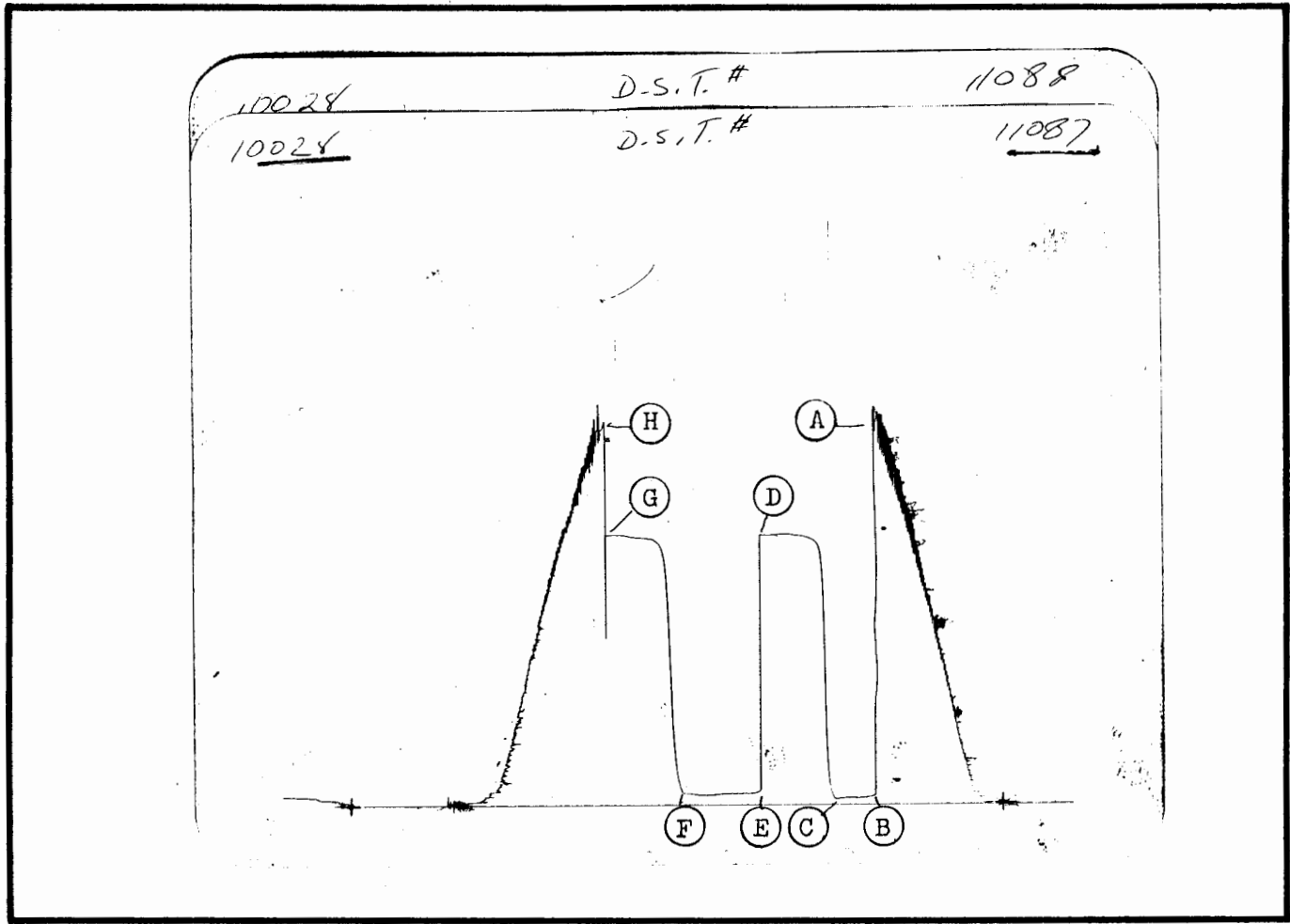
Tool Operator James Ludwig

Approved By _____

NO 10028

from [B] <u>44</u> P.S.I. to [C] <u>33</u> P.S.I.
[D] <u>1638</u> P.S.I.
from [E] <u>55</u> P.S.I. to [F] <u>66</u> P.S.I.
[G] <u>1638</u> P.S.I.

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This is an actual photograph of recorder chart.

POINT	PRESSURE		
	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud	<u>2253</u>	<u>2281</u>	<u>2281</u> P.S.I.
(B) First Initial Flow Pressure	<u>44</u>	<u>52</u>	P.S.I.
(C) First Final Flow Pressure	<u>33</u>	<u>35</u>	P.S.I.
(D) Initial Closed-in Pressure	<u>1638</u>	<u>1640</u>	P.S.I.
(E) Second Initial Flow Pressure	<u>55</u>	<u>75</u>	P.S.I.
(F) Second Final Flow Pressure	<u>66</u>	<u>69</u>	P.S.I.
(G) Final Closed-in Pressure	<u>1638</u>	<u>1639</u>	P.S.I.
(H) Final Hydrostatic Mud	<u>2230</u>	<u>2281</u>	P.S.I.

FORMATION TESTED : VIOLA
SUPERIOR TESTERS ENTERPRISES INC.

WELL IDENTIFICATION DATA

COMPANY : ENERGY THREE INC. WELL NAME : STUCKY-BOLDT #1
ADDRESS : P.O. BOX 1505 GREAT BEND LOCATION : C-NW-SE 29-29-6
STATE & COUNTY : KANSAS, KINGMAN FIELD :
ELEV.(GR) : 1527 (KB) : 1535 TEST DATE : 2-22-1987

EQUIPMENT AND HOLE DATA

FORMATION TESTED : VIOLA DRILL PIPE LENGTH(ft) : 4029
TEST INT. KB : 4511 to 4523 DRILL PIPE O.D.(in) : 3.82
ANCHOR LENGTH(ft) : 12 WEIGHT PIPE LENGTH(ft) : 439
TYPE OF TEST : Conventional WEIGHT PIPE ID : 2.75
TOTAL DEPTH(ft-kg) : 4523 DRILL COLLAR LENGTH(ft) : 124
MAIN HOLE SIZE(in) : 7 7/8 DRILL COLLAR I.D.(in) : 2.259
MUD WEIGHT : 9.6 TOP PACKER DEPTH(kb) : 4506
MUD VISCOSITY : 47 BOTTOM PACKER DEPTH(kb) : 4511
MUD CHLORIDES : 16000 DUAL PACKERS :
SURFACE CHOKE : 3/4 PACKER SIZE(in) : 6 3/4
BOTTOM CHOKE(in) : 3/4 PACKER HOLD : Yes
TOOL SIZE(O.D.) : 5 1/2 TOOL PLUG : No
TOOL JOINT SIZE(F.H.) : 4 1/2 REVERSED OUT : No
RESERVOIR TEMPERATURE(F) : 129 TEST TICKET NUMBER : 10028

EXTRA EQUIPMENT :

ELEMENT SERIAL NO. : 11087
RANGE : 0 - 4350 CLOCK RANGE : 12 HOURS
CAL. EQU. : 1094.24 * Defl. + 5.06

SURFACE BLOW

1st Opening : WEAK BLOW BUILT TO 3 1/2 INCHES INTO THE WATER
2nd Opening : WEAK BLOW BUILT TO BOTTOM OF BUCKET IN 43 MIN.

RECOVERY

Recovered 10 feet of VERY SLIGHTLY OIL CUT MUD
Recovered 70 feet of OIL CUT MUD
Recovered 50 feet of MUDDY WATER WITH A TRACE OF OIL

REMARKS :

WITNESSED BY : STEVE MILLER TOOL OPERATOR : GENE BUDIG

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES INC.

CALCULATED RECOVERY ANALYSIS

DST Number:8

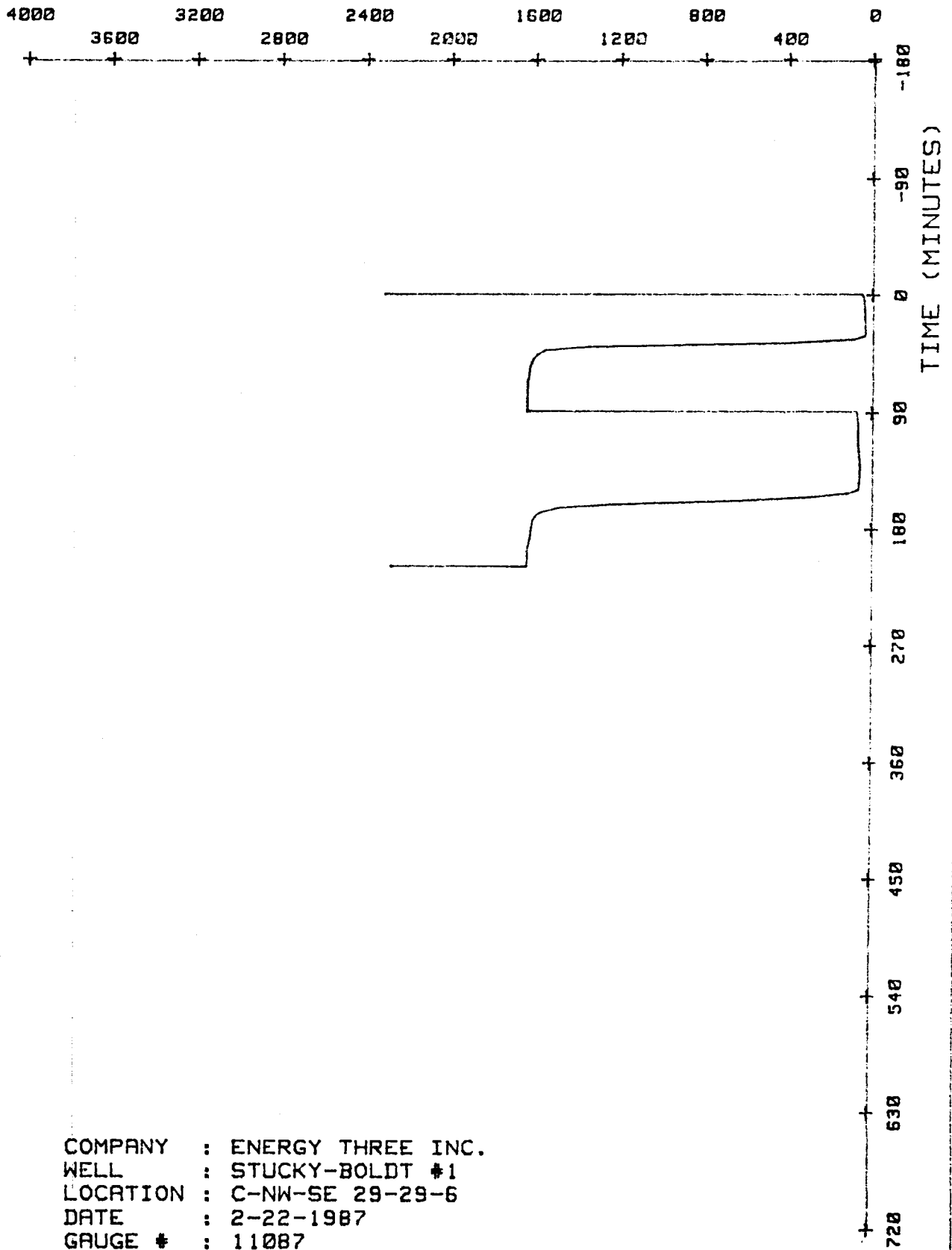
Test ticket number:1002B

Sample #	Total Feet	***** Gas %	**** Feet	***** Oil %	**** Feet	***** Mud %	**** Feet
1	10	0.00	0.00	3.00	.30	97.00	9.70
2	70	0.00	0.00	18.00	12.60	62.00	43.40
3	50	0.00	0.00	0.00	0.00	40.00	20.00
TOTAL	130	0.00	0.00	9.92	12.90	56.23	73.10

Sample #	Total Feet	**** WATER %	**** Feet	Chlorides (ppm)	Resistivity (ohms)	Temperature (deg)
1	10	0.00	0.00	0.00	0.00	0.00
2	70	20.00	14.00	0.00	0.00	0.00
3	50	60.00	30.00	0.00	0.00	0.00
TOTAL	130	33.85	44.00			

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES, INC.

PRESSURE (P S I G)

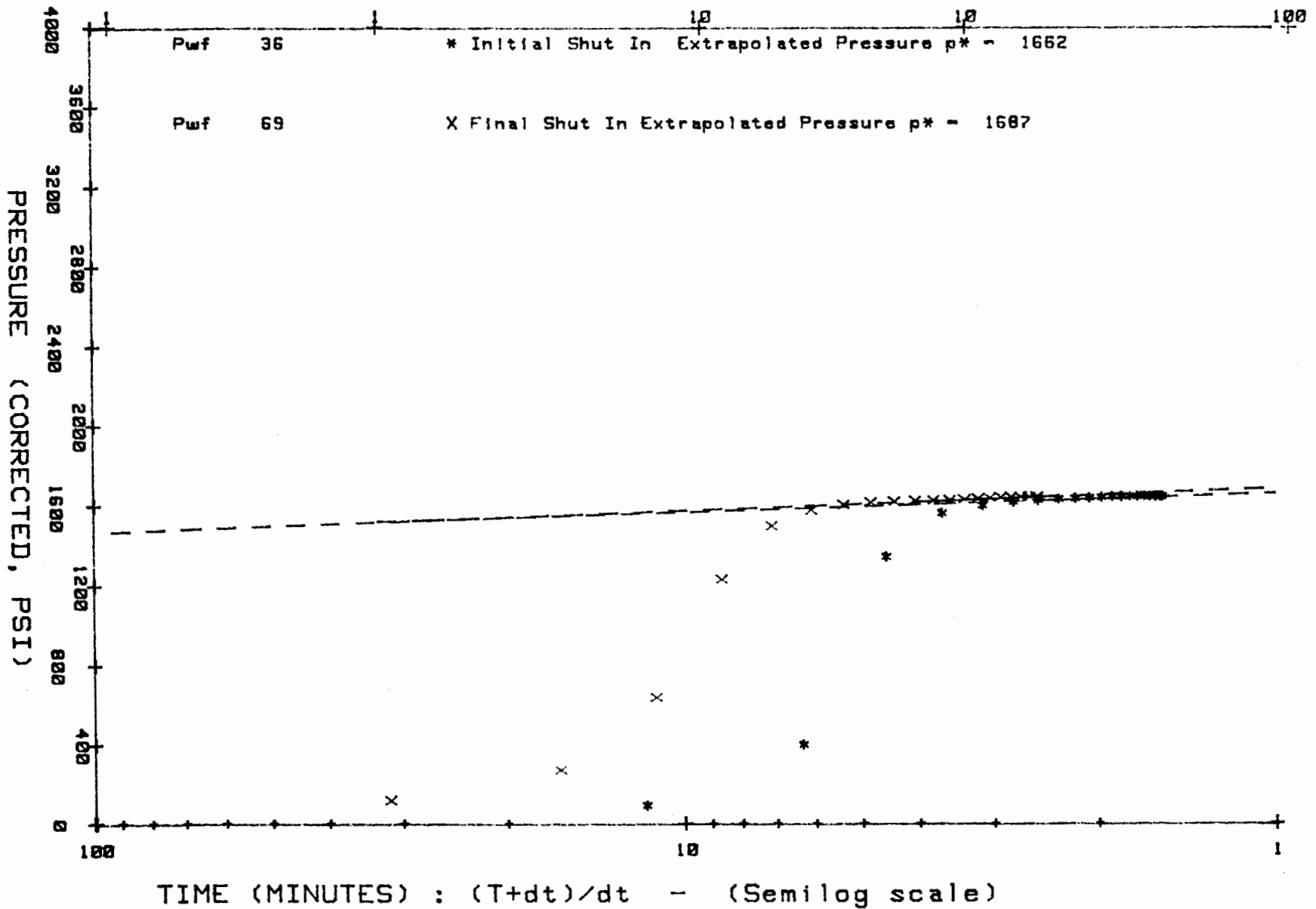


COMPANY : ENERGY THREE INC.
WELL : STUCKY-BOLDT #1
LOCATION : C-NW-SE 29-29-6
DATE : 2-22-1987
GAUGE # : 11087

LOCATION : C-NW-SE 29-29-6

DATE : 2-22-1987

GAUGE # : 11087



SUPERIOR TESTERS ENTERPRISES INC.

D A T A S U M M A R Y

COMPANY : ENERGY THREE INC.
DATE OF TEST : 2-22-1987
TEST NO : 8

WELL NAME : STUCKY-BOLDT #1
LOCATION : C-NW-SE 29-29-6
SHUT-IN PERIOD : 1

INTERPRETIVE DATA (OIL)

INTERPOLATED RESERVOIR PRESSURE (psi):	1662.00
Slope of Build-up Curve (psi/log cycle):	91.67
Effective Producing Time (min):	32.00

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES, INC.

SUPERIOR TESTERS ENTERPRISES INC.

HORNER ANALYSIS

COMPANY : ENERGY THREE INC.
 WELL NAME : STUCKY-BOLDT #1
 LOCATION : C-NW-SE 29-29-6
 STATE & COUNTY : KANSAS, KINGMAN
 DATE OF TEST : 2-22-1987
 TEST INT. KB : 4511 to 4523
 TOTAL INTERVAL (ft) K.B. : 12.00
 ELEV. (GR) : 1527 (KB) : 1535
 FIELD :

ELEMENT SERIAL NO. : 11087
 LATEST CALIBRATION :

COMMENTS	TIME min	(T+dt)/dt min	----- PRESSURES CORR PSIG -----
Refer. depth :	4517.0 ft-kb		
-1:00 END FLOW	0.00	0.00	69.38
	3.00	31.67	117.84
	6.00	16.33	272.03
	9.00	11.22	634.36
	12.00	8.67	1231.28
	15.00	7.13	1498.90
	18.00	6.11	1577.09
	21.00	5.38	1602.42
	24.00	4.83	1614.54
	27.00	4.41	1618.94
	30.00	4.07	1622.25
	33.00	3.79	1624.45
	36.00	3.56	1625.55
	39.00	3.36	1628.85
	42.00	3.19	1633.26
	45.00	3.04	1637.67
	48.00	2.92	1640.97
	51.00	2.80	1640.97
	54.00	2.70	1640.97
	57.00	2.61	1640.97
	60.00	2.53	1640.97
-2:00 2ND SHUT-IN	0.00	0.00	1640.97

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES, INC.

SUPERIOR TESTERS ENTERPRISES INC.

DATA SUMMARY

COMPANY : ENERGY THREE INC.
 DATE OF TEST : 2-22-1987
 DST. NO : 8

WELL NAME : STUCKY-BOLDT #1
 LOCATION : C-NW-SE 29-29-6
 SHUT-IN PERIOD : 2

INTERPRETIVE DATA (OIL)

TRANSMISSIBILITY

Oil (md.ft/cp): 1.30
 Gas (md.ft/cp): 0.00

EFFECTIVE PERMEABILITY

Oil (md):29
 Gas (md): 0.00

TOTAL MOBILITY (md/cp): 1.65

TOTAL COMPRESSIBILITY (psi-1): 6.79E-06

ESTIMATED DAMAGE RATIO: 3.23

CALCULATED DAMAGE RATIO: 3.67

Reservoir Temperature (F): 129.00

Formation Porosity :18

Formation Thickness (ft): 4.00

Wellbore Radius (in): 3.94

Reservoir Compressibility (psi-1): 4.80E-07

Calculated Skin Factor : 12.47

PRODUCTION WITH DAMAGE REMOVED (bbl/D): 3.19

PRODUCTIVITY INDEX (bbl/psi): 0.00

Final Flow Pressure (psi): 69.00

APPROXIMATE RADIUS OF INVESTIGATION (ft): 46.40

Total Flowing Time (min): 92.00

EXTRAPOLATED RESERVOIR PRESSURE (psi): 1687.00

Slope of Build-up Curve (psi/log cycle): 108.67

Effective Producing Time (min): 92.00

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