

SUPERIOR TESTERS
368 West Second, Holsington, Kansas

COMPANY Big Creek Oil Operations STATE Kansas COUNTY Ellis
LEASE & WELL NO. Gottschalk # 1 ELEVATION 2043 KB. DATE 1/24/83 FORMATION TESTED Lansing
SEC. 35 TWP. 17 RANGE 18 INTERVAL TESTED 3394 TO 3402 TOTAL DEPTH 3402
TEST NO. # 1 O.K. NO TOP PACKER DEPTH 3389 FT. BOTTOM PACKER DEPTH 3394 FT. PACKER SIZE 6 & 7/4
STRADDLE no CONV. yes TOOL SIZE 5 1/2 OD. TOOL JOINT SIZE 4 1/2 FH. ANCHOR LENGTH 08 FT.
HOLE SIZE 7 & 7/8 EXTRA EQUIPMENT none SURFACE CHOKE SIZE 1/2 IN. BOTTOM CHOKE SIZE 1/2 IN.
REVERSED OUT no VISCOSITY 38 WEIGHT 9.5 DUAL PACKERS yes DID PACKER HOLD yes DID TOOL PLUG yes
DRILLING CONTRACTOR Edsco Drilling
TOOL JOINT SIZE 4 1/2 XH. IN. LENGTH DRILL PIPE 3003 FT. I.D. DRILL PIPE 3.80 IN.
TOOL JOINT SIZE ----- IN. LENGTH WEIGHT PIPE ----- FT. I.D. WEIGHT PIPE ----- IN.
TOOL JOINT SIZE 4 1/2 XH. IN. LENGTH DRILL COLLARS 373 FT. I.D. DRILL COLLARS 2.25 IN.
TOOL OPEN I.F.P. FROM 5:30 a. m to 5:45 a. m Hr 15 min From (B) ----- P.S.I. to (C) ----- P.S.I.
TOOL CLOSED I.C.I.P. FROM 5:45 a. m to 6:00 a. m Hr 15 min (D) ----- P.S.I.
TOOL OPEN F.F.P. FROM 6:00 a. m to 6:15 a. m Hr 15 min From (E) ----- P.S.I. to (F) ----- P.S.I.
TOOL CLOSED F.C.I.P. FROM ----- m to ----- m Hr ----- min (G) ----- P.S.I.
INITIAL HYDROSTATIC PRESSURE (A) ----- P.S.I. FINAL HYDROSTATIC PRESSURE (H) ----- MAXIMUM TEMPERATURE ----- °F
BLOW No blow

RECOVERY - TOTAL FEET Missrun

RECOVERED Missrun 50 FEET OF Heavy thick mud, both charts indicated tool was plugged
RECOVERED ----- FEET OF -----
RECOVERED ----- FEET OF -----
RECOVERED ----- FEET OF -----
RECOVERED ----- FEET OF -----
RECOVERED ----- FEET OF -----
RECOVERED ----- FEET OF -----
RECOVERED ----- FEET OF -----
RECOVERED ----- FEET OF -----
RECOVERED ----- FEET OF -----
RECOVERED ----- FEET OF -----
RECOVERED ----- FEET OF -----
RECOVERED ----- FEET OF -----

REMARKS Hit a bridge approx. 20ft. of bottom slide to 11ft. of bottom
ran 15-15 flushed tool & worked got 7ft. of bottom came out of hole.

TICKET NO. 6793

WITNESSED BY Paul Montioa TOOL OPERATOR Gene Budig

SUPERIOR TESTERS

368 West Second, Holsington, Kansas

COMPANY Big Creek Oil Operations STATE Kansas COUNTY Ellis
 LEASE & WELL NO. Gottschalk # 1 ELEVATION 2043 KB. DATE 1/25/83 FORMATION TESTED Ks. City
 SEC. 35 TWP. 13 RANGE 18 INTERVAL TESTED 3384 TO 3402 TOTAL DEPTH 3402
 TEST NO. # 2 D.K. yes TOP PACKER DEPTH 3379 FT. BOTTOM PACKER DEPTH 3384 FT. PACKER SIZE 6 & 3/4
 STRADDLE no CONV. yes TOOL SIZE 5 1/2 OD. TOOL JOINT SIZE 4 1/2 FH. ANCHOR LENGTH 18 FT.
 HOLE SIZE 7 & 7/8 EXTRA EQUIPMENT none SURFACE CHOKE SIZE 1 1/2 IN. BOTTOM CHOKE SIZE 1 1/2 IN.
 REVERSED OUT no VISCOSITY 42 WEIGHT 9.7 DUAL PACKERS yes DID PACKER HOLD yes DID TOOL PLUG no
 DRILLING CONTRACTOR Edsco Drilling
 TOOL JOINT SIZE 4 1/2 XH. IN. LENGTH DRILL PIPE 3990 FT. I.D. DRILL PIPE 3.80 IN.
 TOOL JOINT SIZE ----- IN. LENGTH WEIGHT PIPE ----- FT. I.D. WEIGHT PIPE ----- IN.
 TOOL JOINT SIZE 4 1/2 XH. IN. LENGTH DRILL COLLARS 373 FT. I.D. DRILL COLLARS 2.25 IN.
 TOOL OPEN I.F.P. FROM 12:30 a. m to 1:00 a. m Hr 30 min From (B) 42 P.S.I. to (C) 42 P.S.I.
 TOOL CLOSED I.C.I.P. FROM 1:00 a. m to 1:30 a. Hr 30 min (D) 939 P.S.I.
 TOOL OPEN F.F.P. FROM 1:30 a. m to 2:15 a. m Hr 45 min From (E) 42 P.S.I. to (F) 63 P.S.I.
 TOOL CLOSED F.C.I.P. FROM 2:15 a. m to 3:15 a. m Hr 60 min (G) 939 P.S.I.
 INITIAL HYDROSTATIC PRESSURE (A) 1778 P.S.I. FINAL HYDROSTATIC PRESSURE (H) 1736 MAXIMUM TEMPERATURE 102°F
 BLOW Weak blow 5 minutes died 1st opening,
No blow 2nd opening, flushed tool weak blow 20 minutes & died.
 RECOVERY - TOTAL FEET 140
 RECOVERED 140 FEET OF Thin mud with very few tiny spots of Oil scattered thro
 RECOVERED ----- FEET OF through-out.
 RECOVERED ----- FEET OF -----
 RECOVERED ----- FEET OF -----
 RECOVERED ----- FEET OF -----
 RECOVERED ----- FEET OF -----
 RECOVERED ----- FEET OF -----
 RECOVERED ----- FEET OF -----
 RECOVERED ----- FEET OF -----
 RECOVERED ----- FEET OF -----
 RECOVERED ----- FEET OF -----
 RECOVERED ----- FEET OF -----
 REMARKS Some plugging On 1st half of 1st opening, Chlorides from D.S.T. 40,000
from mud system 46,000.
 TICKET NO 6794
 WITNESSED BY Paul Montioa TOOL OPERATOR Gene Budig

SUPERIOR TESTERS
368 West Second, Holsington, Kansas

COMPANY Big Creek Oil Operations STATE Kansas COUNTY Ellis
LEASE & WELL NO. Gottschalk # 1 ELEVATION 2403 KB. DATE 1/26/83 FORMATION TESTED Kansas City
SEC 35 TWP 13 RANGE 18 INTERVAL TESTED 3402 TO 3420 TOTAL DEPTH 3420
TEST NO. # 3 O.K. yes TOP PACKER DEPTH 3397 FT. BOTTOM PACKER DEPTH 3402 FT. PACKER SIZE 6 & 3/4
STRADDLE no CONV. yes TOOL SIZE 5 1/2 OD. TOOL JOINT SIZE 4 1/2 FH. ANCHOR LENGTH 18 FT.
HOLE SIZE 7 & 7/8 EXTRA EQUIPMENT none SURFACE CHOKE SIZE 1/2 IN. BOTTOM CHOKE SIZE 1/2 IN.
REVERSED OUT no VISCOSITY 42 WEIGHT 9.8 DUAL PACKERS yes DID PACKER HOLD yes DID TOOL PLUG no
DRILLING CONTRACTOR Edsco Drilling
TOOL JOINT SIZE 4 1/2 XH. IN. LENGTH DRILL PIPE 3008 FT. I.D. DRILL PIPE 3.80 IN.
TOOL JOINT SIZE 4 1/2 XH. IN. LENGTH WEIGHT PIPE ----- FT. I.D. WEIGHT PIPE ----- IN.
TOOL JOINT SIZE 4 1/2 XH. IN. LENGTH DRILL COLLARS 373 FT. I.D. DRILL COLLARS 2.25 IN.
TOOL OPEN I.F.P. FROM 9:00 p. m to 9:30 p. m Hr 30 min From (B) 63 P.S.I. to (C) 74 P.S.I.
TOOL CLOSED I.C.I.P. FROM 9:30 p. m to 10:30 p. m Hr 60 min (D) 596 P.S.I.
TOOL OPEN F.F.P. FROM 10:30 p. m to 10:45 p. m Hr 45 min From (E) 95 P.S.I. to (F) 95 P.S.I.
TOOL CLOSED F.C.I.P. FROM 10:45 p. m to 11:15 p. m Hr 30 min (G) 500 P.S.I.
INITIAL HYDROSTATIC PRESSURE (A) 1789 P.S.I. FINAL HYDROSTATIC PRESSURE (H) 1768 MAXIMUM TEMPERATURE 91 °F
BLOW Weak blow built to 2 1/2" in bucket in 10 minutes than died in 20 minutes 1st
Dead 2nd opening, flushed tool good surge no help.
RECOVERY - TOTAL FEET 135
RECOVERED 135 FEET OF Mud, with few Oil specks.
RECOVERED ----- FEET OF recovery 42,000 p.p.m. chl. Mud* 40,000 p.p.m. chl.
RECOVERED ----- FEET OF -----
RECOVERED ----- FEET OF -----
RECOVERED ----- FEET OF -----
RECOVERED ----- FEET OF -----
RECOVERED ----- FEET OF -----
RECOVERED ----- FEET OF -----
RECOVERED ----- FEET OF -----
RECOVERED ----- FEET OF -----
RECOVERED ----- FEET OF -----
RECOVERED ----- FEET OF -----
RECOVERED ----- FEET OF -----
RECOVERED ----- FEET OF -----
REMARKS None.

TICKET NO 6795
WITNESSED BY: Paul M ntioa TOOL OPERATOR Bob Johnson

SUPERIOR TESTERS

368 West Second, Holsington, Kansas

COMPANY Big Creek Oil Operations STATE Kansas COUNTY Ellis
 LEASE & WELL NO. Gottschalk # 1 ELEVATION 2043 KB. DATE 1/28/83 FORMATION TESTED Marmaton
 SEC 35 TWP 13 RANGE 18 INTERVAL TESTED 3600 TO 3626 TOTAL DEPTH 3626
 TEST NO #4 O.K. no TOP PACKER DEPTH 3600 FT. BOTTOM PACKER DEPTH 3626 FT. PACKER SIZE 6 & 3/4
 STRADDLE yes CONV no TOOL SIZE 5 1/2 OD. TOOL JOINT SIZE 4 1/2 FH. ANCHOR LENGTH 26 FT
 HOLE SIZE 7 & 7/8 EXTRA EQUIPMENT none SURFACE CHOKE SIZE 1/2 IN. BOTTOM CHOKE SIZE 1/2 IN
 REVERSED OUT no VISCOSITY _____ WEIGHT _____ DUAL PACKERS no DID PACKER HOLD yes DID TOOL PLUG no
 DRILLING CONTRACTOR Edeco Drilling
 TOOL JOINT SIZE 4 1/2 XH. IN. LENGTH DRILL PIPE 3299 FT. I.D. DRILL PIPE 3.80 IN
 TOOL JOINT SIZE ----- IN. LENGTH WEIGHT PIPE ----- FT. I.D. WEIGHT PIPE ----- IN
 TOOL JOINT SIZE 4 1/2 XH. IN. LENGTH DRILL COLLARS 280 FT. I.D. DRILL COLLARS 2.25 IN
 TOOL OPEN I.F.P. FROM 2:30 p. m to 3:00 p. m Hr 30 min From (B) _____ P.S.I. to (C) _____ P.S.I.
 TOOL CLOSED I.C.I.P. FROM 3:00 p. m to 3:30 p. m Hr 30 min (D) _____ P.S.I.
 TOOL OPEN F.F.P. FROM 3:30 p. m to 3:40 p. m Hr 10 min From (E) _____ P.S.I. to (F) _____ P.S.I.
 TOOL CLOSED F.C.I.P. FROM _____ m to _____ m Hr _____ min (G) _____ P.S.I.
 INITIAL HYDROSTATIC PRESSURE (A) _____ P.S.I. FINAL HYDROSTATIC PRESSURE (H) _____ MAXIMUM TEMPERATURE _____ °F
 BLOW Surging blow 1st opening action sliding.
Surging blow 2nd opening tool sliding.
 RECOVERY - TOTAL FEET 250 Missrun
 RECOVERED 250 FEET OF Mud.
 RECOVERED _____ FEET OF _____
 RECOVERED _____ FEET OF _____
 RECOVERED _____ FEET OF _____
 RECOVERED _____ FEET OF _____
 RECOVERED _____ FEET OF _____
 RECOVERED _____ FEET OF _____
 RECOVERED _____ FEET OF _____
 RECOVERED _____ FEET OF _____
 RECOVERED _____ FEET OF _____
 RECOVERED _____ FEET OF _____
 RECOVERED _____ FEET OF _____
 RECOVERED _____ FEET OF _____
 REMARKS Missrun, didn't get to bottom tool sliding throught partial test,
pulled tool because of this.

TICKET NO 6796

WITNESSED BY Paul Montioa TOOL OPERATOR Bob Johnson

SUPERIOR TESTERS
368 West Second, Holsington, Kansas

COMPANY Big Creek Oil Operations STATE Kansas COUNTY Ellis
LEASE & WELL NO. Gottschalk # 1 ELEVATION 2043 KB. DATE 1/29/83 FORMATION TESTED Marmaton
SEC. 35 TWP. 13 RANGE 18 INTERVAL TESTED 3600 TO 3626 TOTAL DEPTH 3626
TEST NO. # 5 O.K. yes TOP PACKER DEPTH 3600 FT. BOTTOM PACKER DEPTH 3626 FT. PACKER SIZE 6 & 3/4
STRADDLE yes CONV. no TOOL SIZE 5 1/2 OD. TOOL JOINT SIZE 4 1/2 FH. ANCHOR LENGTH 26 FT.
HOLE SIZE 7 & 7/8 EXTRA EQUIPMENT Straddle SURFACE CHOKE SIZE 1/2 IN. BOTTOM CHOKE SIZE 1/2 IN.
REVERSED OUT no VISCOSITY 56 WEIGHT 9.9 DUAL PACKERS yes DID PACKER HOLD yes DID TOOL PLUG no
DRILLING CONTRACTOR Edsco Drilling

TOOL JOINT SIZE <u>4 1/2 XH.</u> IN.	LENGTH DRILL PIPE <u>330 1/4</u> FT.	I.D. DRILL PIPE <u>3.80</u> IN.
TOOL JOINT SIZE <u>-----</u> IN.	LENGTH WEIGHT PIPE <u>-----</u> FT.	I.D. WEIGHT PIPE <u>-----</u> IN.
TOOL JOINT SIZE <u>4 1/2 XH.</u> IN.	LENGTH DRILL COLLARS <u>280</u> FT.	I.D. DRILL COLLARS <u>2.25</u> IN.
TOOL OPEN I.F.P. FROM <u>1:15 p.</u> m to <u>1:45 p.</u> m	Hr <u>30</u> min From (B) <u>74</u> P.S.I. to (C) <u>74</u> P.S.I.	
TOOL CLOSED I.C.I.P. FROM <u>1:45 p.</u> m to <u>2:15 p.</u> m	Hr <u>30</u> min (D) <u>1778</u> P.S.I.	
TOOL OPEN F.F.P. FROM <u>2:15 p.</u> m to <u>3:45 p.</u> m	Hr <u>30</u> min From (E) <u>74</u> P.S.I. to (F) <u>85</u> P.S.I.	
TOOL CLOSED F.C.I.P. FROM <u>3:45 p.</u> m to <u>3:15 p.</u> m	Hr <u>30</u> min (G) <u>789</u> P.S.I.	
INITIAL HYDROSTATIC PRESSURE (A) <u>1939</u> P.S.I.	FINAL HYDROSTATIC PRESSURE (H) <u>1918</u>	MAXIMUM TEMPERATURE <u>94</u> °F

BLOW Weak decreasing blow 1st opening, died in 15 minutes.
Dead 2nd opening, flushed tool good surge no help.

RECOVERY - TOTAL FEET 150

RECOVERED <u>150</u>	FEET OF <u>Mud.</u>
RECOVERED	FEET OF
RECOVERED	FEET OF
RECOVERED	FEET OF
RECOVERED	FEET OF
RECOVERED	FEET OF
RECOVERED	FEET OF
RECOVERED	FEET OF
RECOVERED	FEET OF
RECOVERED	FEET OF
RECOVERED	FEET OF
RECOVERED	FEET OF
RECOVERED	FEET OF
RECOVERED	FEET OF
RECOVERED	FEET OF

REMARKS Plugging

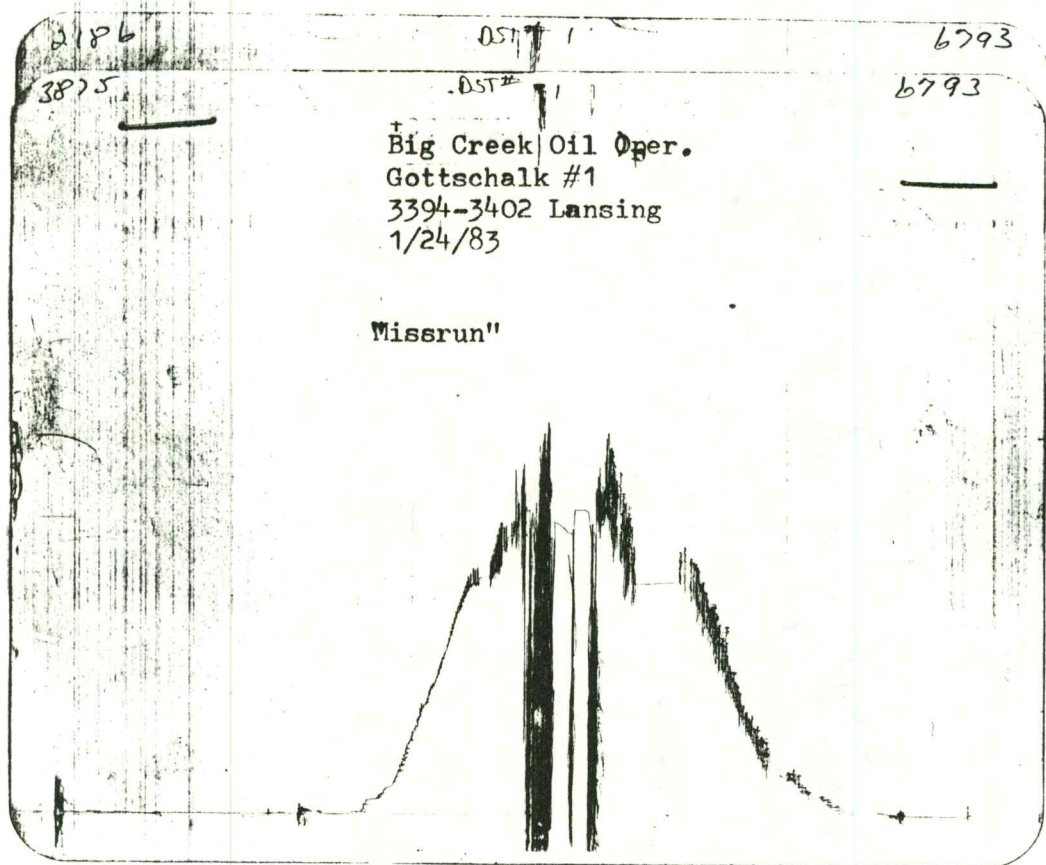
.....

.....

.....

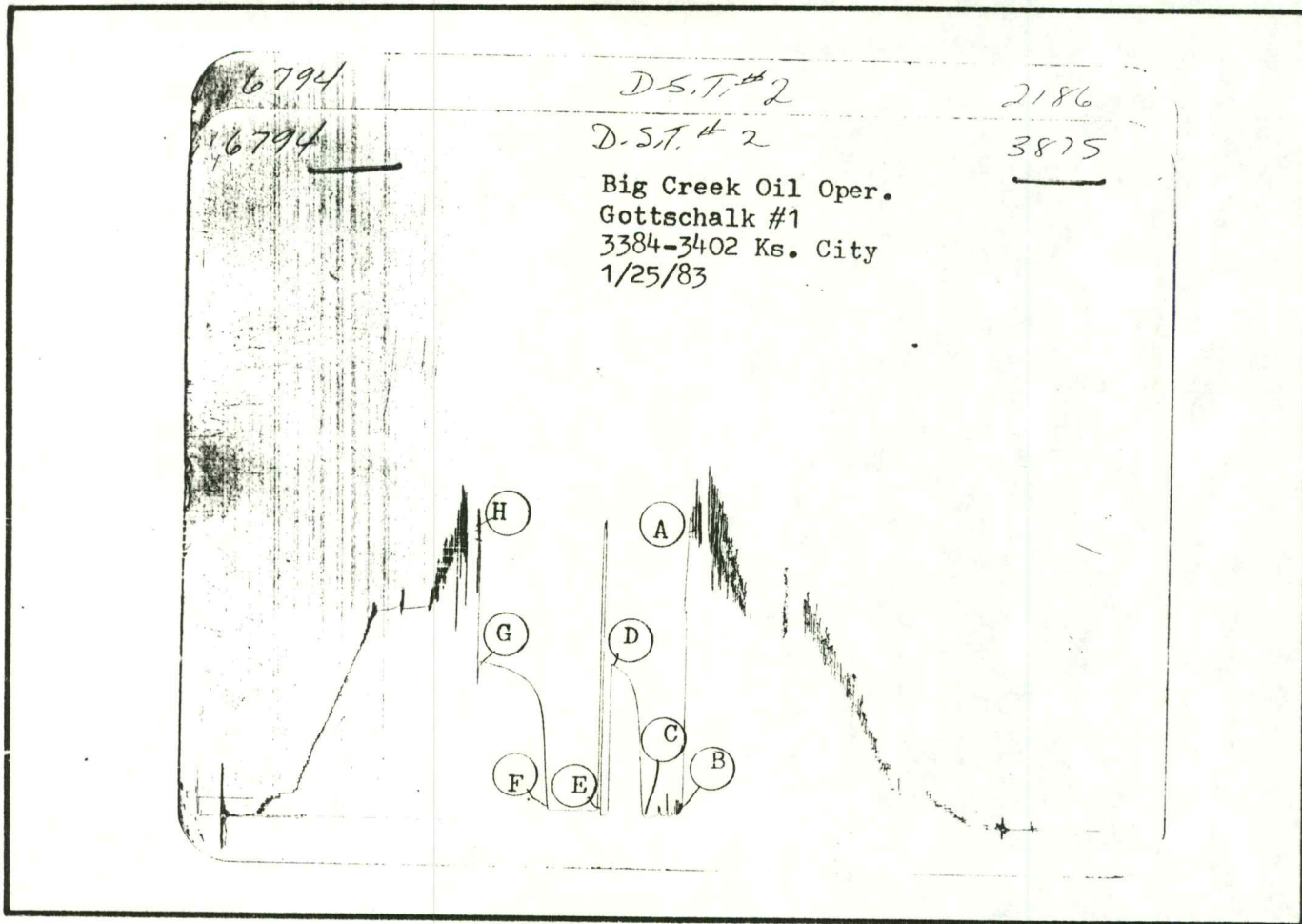
TICKET NO. 6797

WITNESSED BY Paul Montioa TOOL OPERATOR Bob Johnson



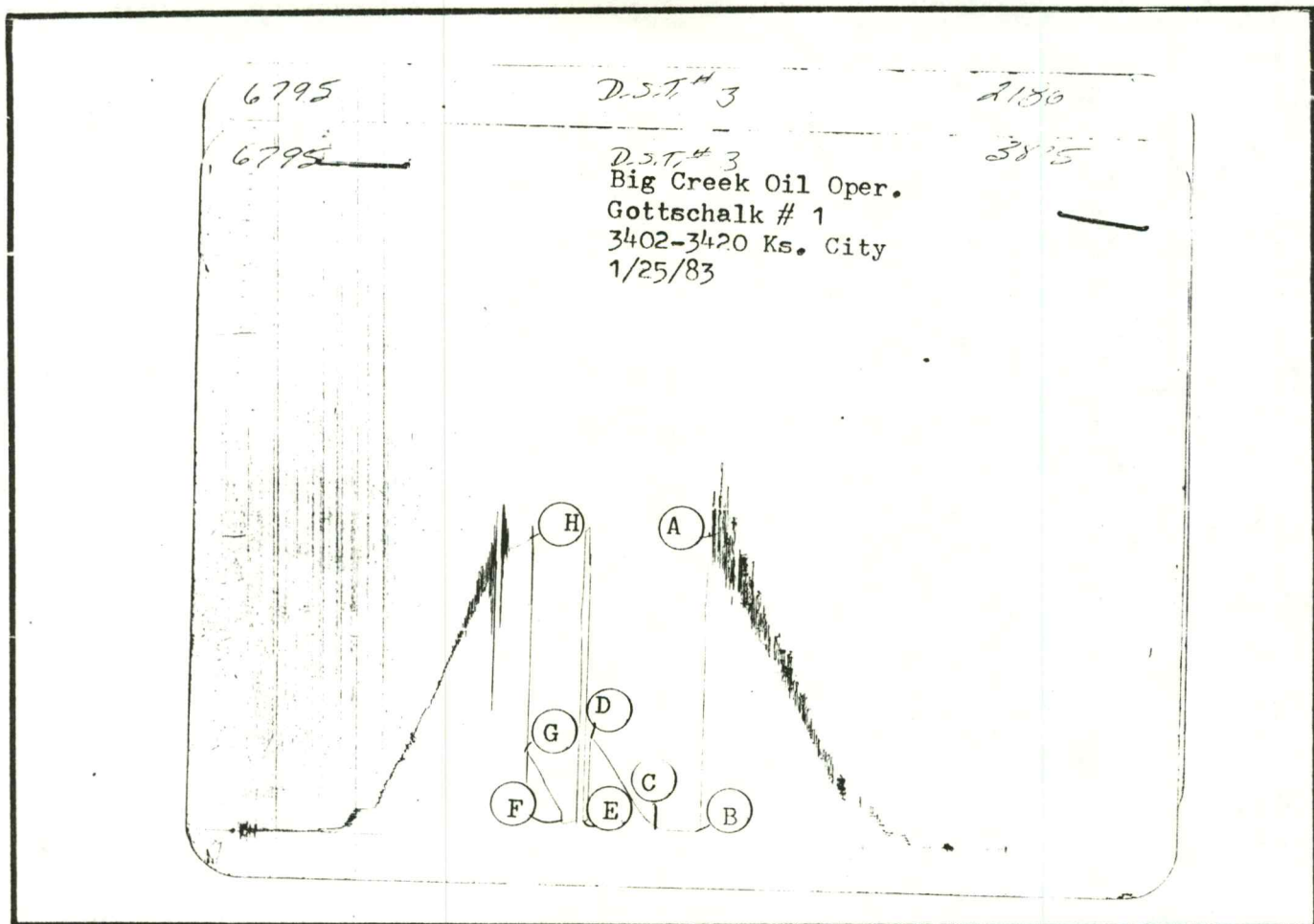
This is actual recorder chart.

POINT	PRESSURE		P.S.I.
	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud	Missrun	No readings	P.S.I.
(B) First Initial Flow Pressure	_____	_____	P.S.I.
(C) First Final Flow Pressure	_____	_____	P.S.I.
(D) Initial Closed-in Pressure	_____	_____	P.S.I.
(E) Second Initial Flow Pressure	_____	_____	P.S.I.
(F) Second Final Flow Pressure	_____	_____	P.S.I.
(G) Final Closed-in Pressure	_____	_____	P.S.I.
(H) Final Hydrostatic Mud	_____	_____	P.S.I.



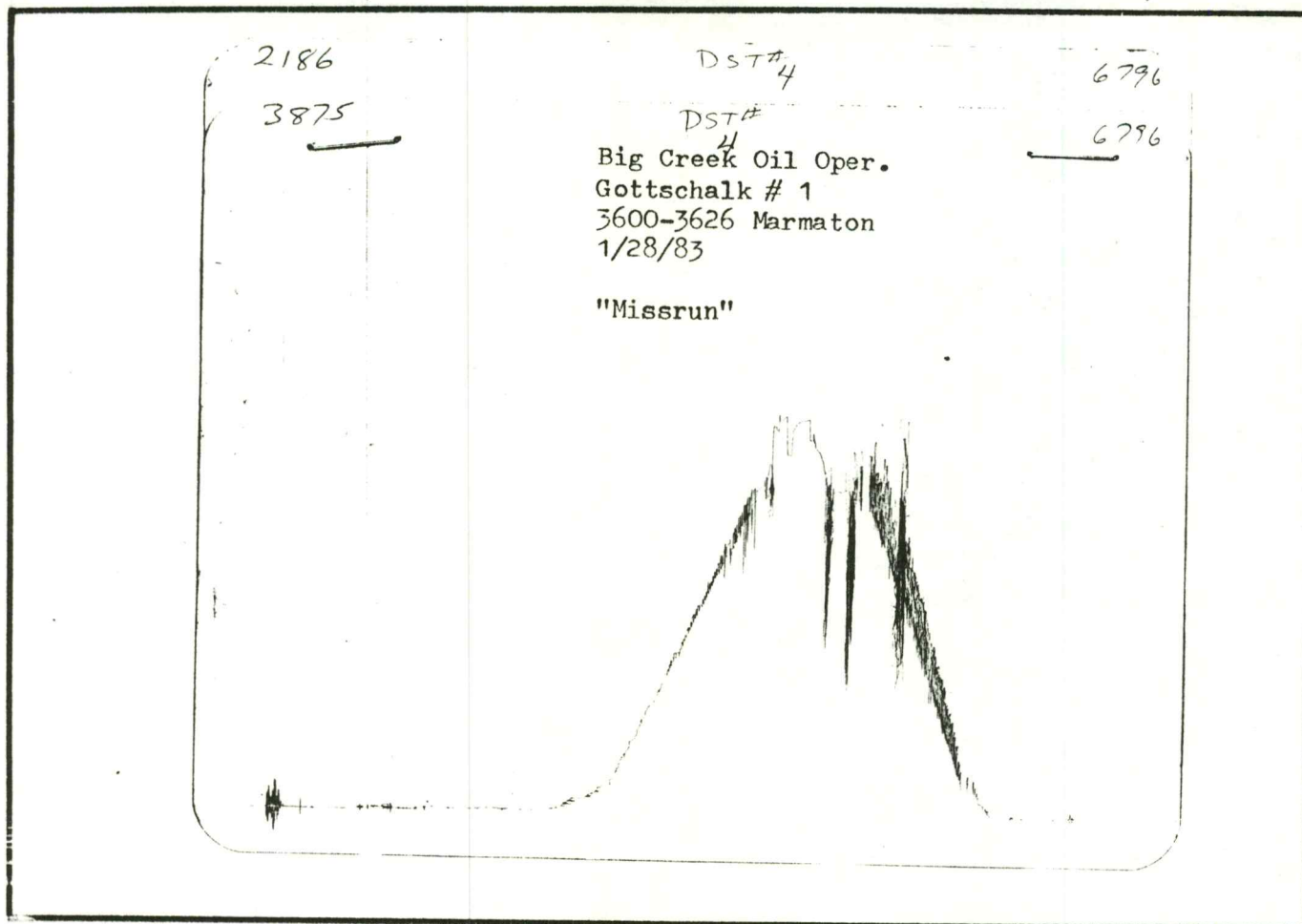
This is actual recorder chart.

POINT	PRESSURE		
	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud	1778	1768	P.S.I.
(B) First Initial Flow Pressure	42	53	P.S.I.
(C) First Final Flow Pressure	42	42	P.S.I.
(D) Initial Closed-in Pressure	939	939	P.S.I.
(E) Second Initial Flow Pressure	42	48	P.S.I.
(F) Second Final Flow Pressure	63	63	P.S.I.
(G) Final Closed-in Pressure	939	939	P.S.I.
(H) Final Hydrostatic Mud	1736	1737	P.S.I.



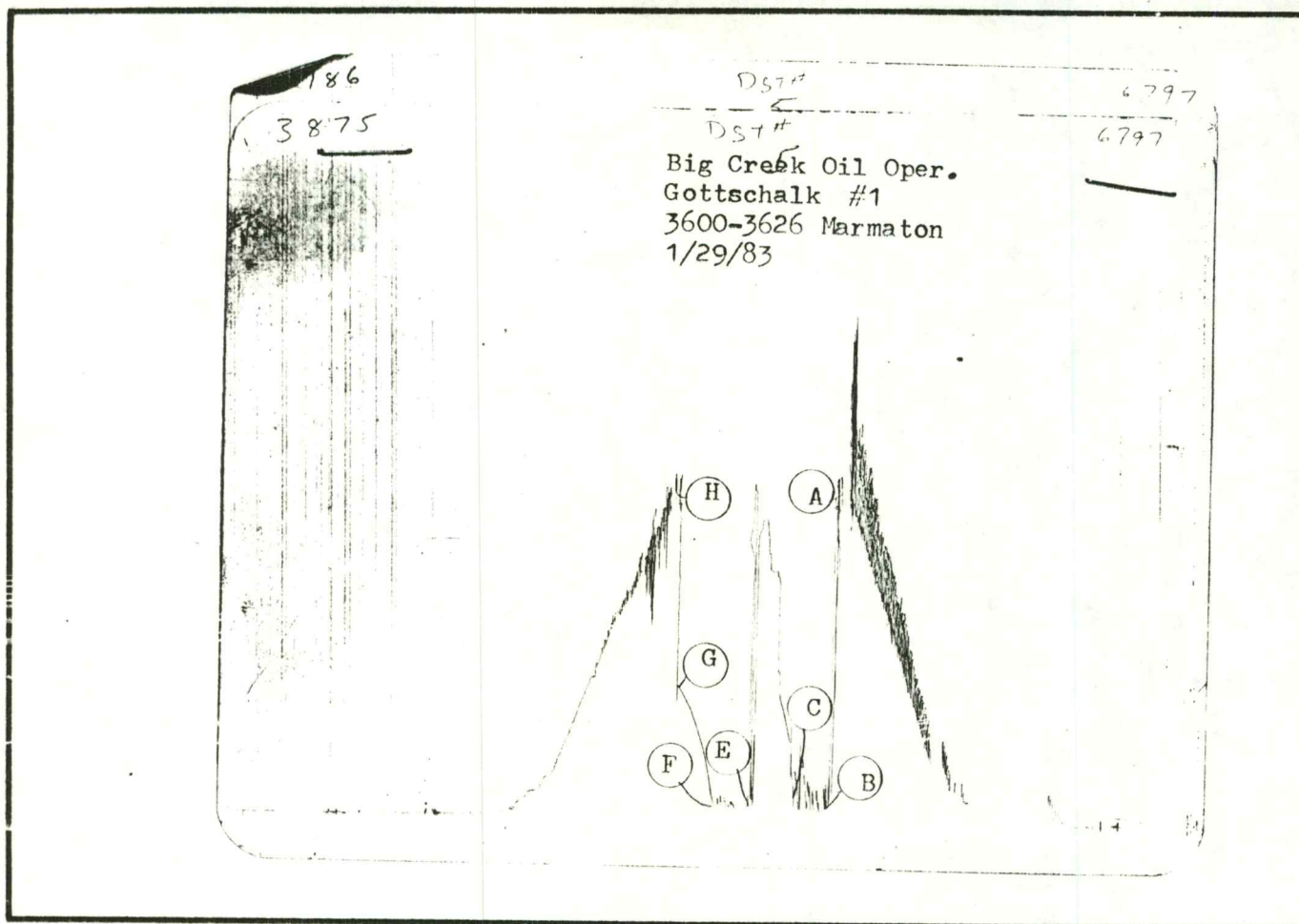
This is actual recorder chart.

POINT	PRESSURE		
	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud	1789	1843	P.S.I.
(B) First Initial Flow Pressure	63	63	P.S.I.
(C) First Final Flow Pressure	74	68	P.S.I.
(D) Initial Closed-in Pressure	596	596	P.S.I.
(E) Second Initial Flow Pressure	95	97	P.S.I.
(F) Second Final Flow Pressure	95	95	P.S.I.
(G) Final Closed-in Pressure	500	500	P.S.I.
(H) Final Hydrostatic Mud	1768	1768	P.S.I.



This is actual recorder chart.

POINT	PRESSURE		
	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud	Missrun	No readings	P.S.I.
(B) First Initial Flow Pressure	_____	_____	P.S.I.
(C) First Final Flow Pressure	_____	_____	P.S.I.
(D) Initial Closed-in Pressure	_____	_____	P.S.I.
(E) Second Initial Flow Pressure	_____	_____	P.S.I.
(F) Second Final Flow Pressure	_____	_____	P.S.I.
(G) Final Closed-in Pressure	_____	_____	P.S.I.
(H) Final Hydrostatic Mud	_____	_____	P.S.I.



This is actual recorder chart.

POINT	PRESSURE		
	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud	1939	1951	P.S.I.
(B) First Initial Flow Pressure	74	74	P.S.I.
(C) First Final Flow Pressure	74	85	P.S.I.
(D) Initial Closed-in Pressure	1778	1778	P.S.I.
(E) Second Initial Flow Pressure	74	78	P.S.I.
(F) Second Final Flow Pressure	85	85	P.S.I.
(G) Final Closed-in Pressure	789	789	P.S.I.
(H) Final Hydrostatic Mud	1213	1229	P.S.I.