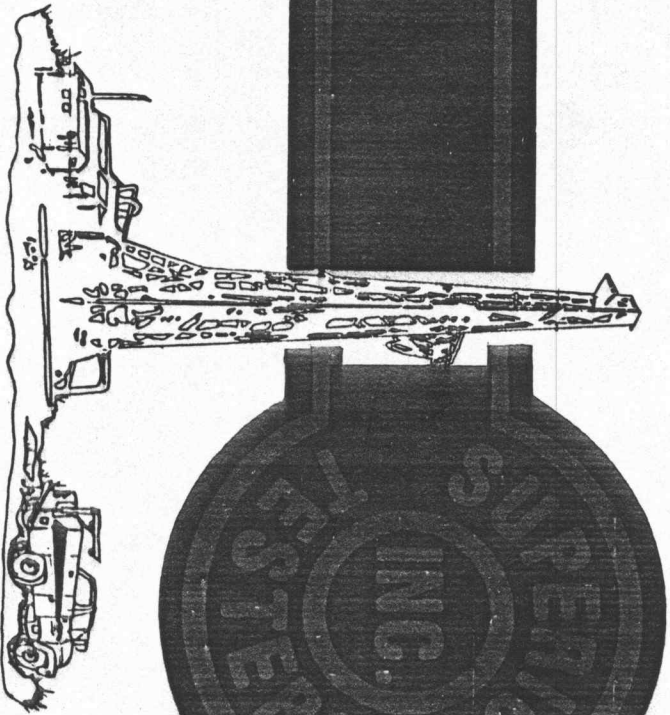


4-205-18W

COMPANY E. & M. Oil Company LEASE-WELL NO Fowler # 1 SEC 4 TWP 18 RGE 20 TEST NO #1 DATE 6/13/84



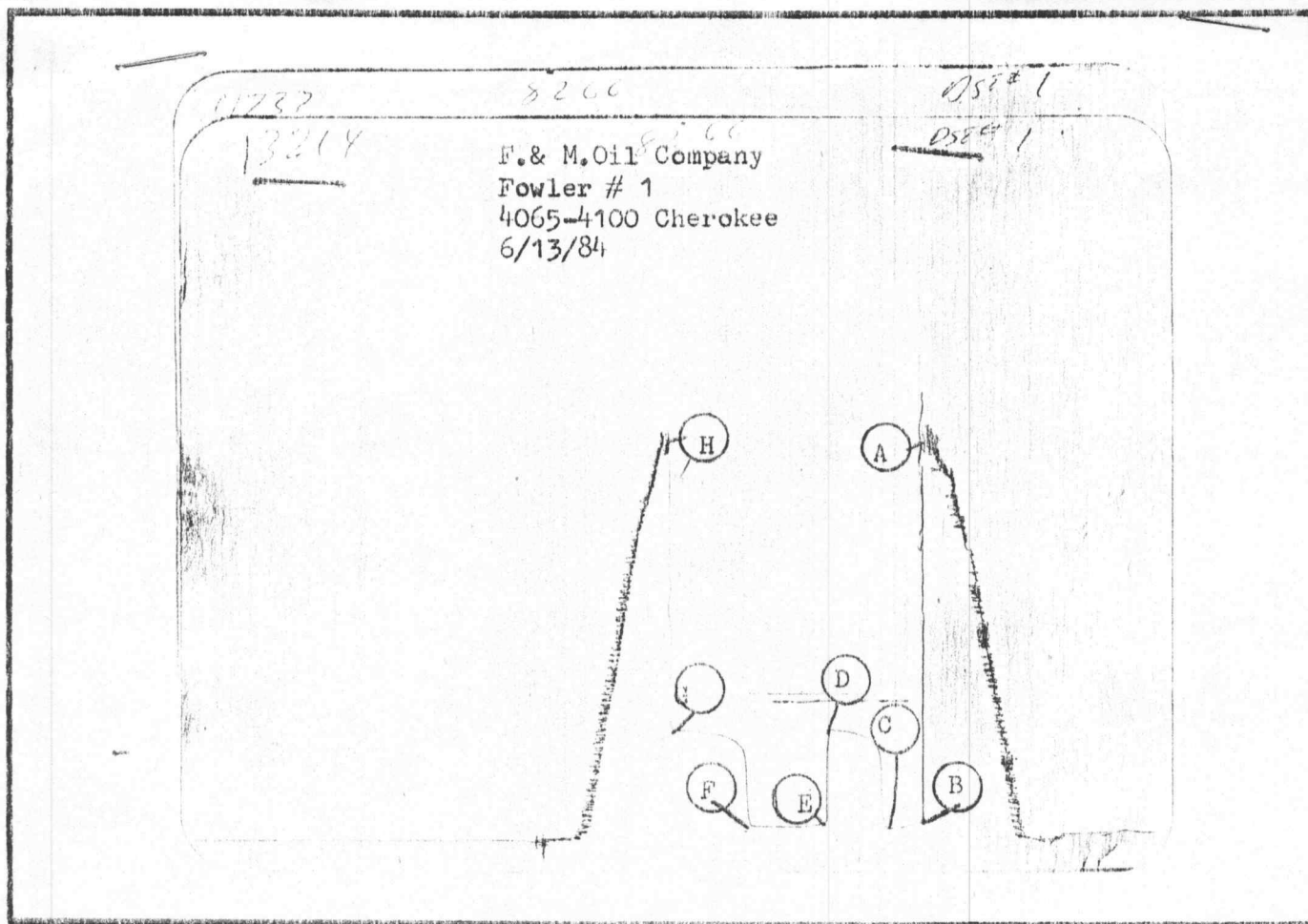
Formation Testing Service Report

SUPERIOR TESTERS
368 West Second, Holsington, Kansas

COMPANY F. & M. Oil Company STATE Kansas COUNTY Rush
LEASE & WELL NO. Fowler # 1 ELEVATION 2139 KB. DATE 6/13/84 FORMATION TESTED Cherokee Sd.
SEC 4 TWP 18 RANGE 20 INTERVAL TESTED 4065 TO 4100 TOTAL DEPTH 4100
TEST NO 1 O.K. yes TOP PACKER DEPTH 4060 FT. BOTTOM PACKER DEPTH 4065 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 35 FT.
HOLE SIZE 7 & 7/8 EXTRA EQUIPMENT none SURFACE CHUKE SIZE 1/2 IN. BOTTOM CHUKE SIZE 1/2 IN.
REVERSED OUT no VISCOSITY 43 WEIGHT 9.7 DUAL PACKERS yes DID PACKER HOLD yes DID TOOL PLUG no
DRILLING CONTRACTOR Union # 4
TOOL JOINT SIZE 4 1/2 XH. IN. LENGTH DRILL PIPE 4018 FT. I.D. DRILL PIPE 3.80 IN.
TOOL JOINT SIZE 4 1/2 XH. IN. LENGTH WEIGHT PIPE 26 FT. I.D. WEIGHT PIPE 2.25 IN.
TOOL JOINT SIZE 4 1/2 XH. IN. LENGTH DRILL COLLARS 26 FT. I.D. DRILL COLLARS 2.25 IN.
TOOL OPEN I.F.P. FROM 7:19 a. m to 7:49 a. m Hr 30 min From (B) 106 P.S.I. to (C) 57 P.S.I.
TOOL CLOSED I.C.I.P. FROM 7:49 a. m to 8:34 a. m Hr 45 min (D) 588 P.S.I.
TOOL OPEN F.F.P. FROM 8:34 a. m to 9:34 a. m Hr 60 min From (E) 86 P.S.I. to (F) 67 P.S.I.
TOOL CLOSED F.C.I.P. FROM 9:34 a. m to 10:34 a. m Hr 60 min (G) 588 P.S.I.
INITIAL HYDROSTATIC PRESSURE (A) 2207 P.S.I. FINAL HYDROSTATIC PRESSURE (H) 2160 MAXIMUM TEMPERATURE 115 °F
BLOW Fair blow 1 1/2" in the water.
Fair blow 2" in the water.
RECOVERY - TOTAL FEET 120
RECOVERED 120 FEET OF Mud cut water.
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 None.

TICKET NO. 8266

WITNESSED BY Harlan Dun TOOL OPERATOR Jon Buchholz



This is actual recorder chart.

POINT	PRESSURE		
	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud	2207	2160	P.S.I.
(B) First Initial Flow Pressure	106	86	P.S.I.
(C) First Final Flow Pressure	57	57	P.S.I.
(D) Initial Closed-in Pressure	588	579	P.S.I.
(E) Second Initial Flow Pressure	86	86	P.S.I.
(F) Second Final Flow Pressure	67	77	P.S.I.
(G) Final Closed-in Pressure	588	579	P.S.I.
(H) Final Hydrostatic Mud	2160	2141	P.S.I.