

SUPERIOR TESTERS

368 West Second, Holsington, Kansas

COMPANY Falcon Exploration Inc. STATE Kansas COUNTY Gove
 LEASE & WELL NO. Monroe # 1 ELEVATION 2590 KB. DATE 7/6/83 FORMATION TESTED Lansing
 SEC. 35 TWP. 13 RANGE 27 INTERVAL TESTED 3903 TO 3913 TOTAL DEPTH 3913
 TEST NO. # 1 O.K. yes TOP PACKER DEPTH 3898 FT. BOTTOM PACKER DEPTH 3903 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 10 F.
 HOLE SIZE 7 & 7/8 EXTRA EQUIPMENT none SURFACE CHOKE SIZE 1/2 IN. BOTTOM CHOKE SIZE 1/2 IN.
 REVERSED OUT no VISCOSITY 58 WEIGHT 9.6 DUAL PACKERS yes DID PACKER HOLD yes DID TOOL PLUG no
 DRILLING CONTRACTOR Mallard Rig # 1
 TOOL JOINT SIZE 4 1/2 XH. IN. LENGTH DRILL PIPE 3573 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 309 FT. I.D. DRILL COLLARS 2.25 IN.
 TOOL OPEN I.F.P. FROM 8:15 p. m to 9:00 p. m Hr. 45 min From (B) 29 P.S.I. to (C) 158 P.S.
 TOOL CLOSED I.C.I.P. FROM 9:00 p. m to 10:00 p. m Hr. 60 min (D) 1101 P.S.
 TOOL OPEN F.F.P. FROM 10:00 p. m to 11:00 p. m Hr. 60 min From (E) 117 P.S.I. to (F) 237 P.S.
 TOOL CLOSED F.C.I.P. FROM 11:00 p. m to 12:30 p. m Hr. 90 min (G) 866 P.S.
 INITIAL HYDROSTATIC PRESSURE (A) 2081 P.S.I. FINAL HYDROSTATIC PRESSURE (H) 1962 MAXIMUM TEMPERATURE 124 °
 BLOW Weak to strong blow 11" in bucket 1st opening.
Weak to good 8 1/2" in bucket 2nd opening.
 RECOVERY - TOTAL FEET 560
 RECOVERED 560 FEET OF 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 _____
 REMARKS None.

TICKET NO. 7674
 WITNESSED BY: Craig Sanders TOOL OPERATOR Bob Johnson

SUPERIOR TESTERS

368 West Second, Hoisington, Kansas

COMPANY Falcon Exploration Inc. STATE Kansas COUNTY Gove

LEASE & WELL NO. Monroe # 1 ELEVATION 2590 KB. DATE 7/6/83 FORMATION TESTED Kansas City

SEC. 35 TWP. 13 RANGE 27 INTERVAL TESTED 3963 TO 4000 TOTAL DEPTH 4000

TEST NO. # 2 O.K. yes TOP PACKER DEPTH 3958 FT. BOTTOM PACKER DEPTH 3963 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 37 F

HOLE SIZE 7 & 7/8 EXTRA EQUIPMENT none SURFACE CHOKE SIZE 1/2 IN. BOTTOM CHOKE SIZE 1/2 IN.

REVERSED OUT no VISCOSITY 64 WEIGHT 9.3 DUAL PACKERS yes DID PACKER HOLD yes DID TOOL PLUG no

DRILLING CONTRACTOR Mallard # 1

TOOL JOINT SIZE 4 1/2 XH. IN. LENGTH DRILL PIPE 3633 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 309 FT. I.D. DRILL COLLARS 2.25 IN.

TOOL OPEN I.F.P. FROM 5:00 p. m to 5:45 p. m Hr. 45 min From (B) 59 P.S.I. to (C) 118 P.S.

TOOL CLOSED I.C.I.P. FROM 5:45 p. m to 6:45 p. m Hr. 60 min (D) 1023 P.S.

TOOL OPEN F.F.P. FROM 6:45 p. m to 7:45 p. m Hr. 60 min From (E) 148 P.S.I. to (F) 207 P.S.

TOOL CLOSED F.C.I.P. FROM 7:45 p. m to 9:15 p. m Hr. 90 min (G) 798 P.S.

INITIAL HYDROSTATIC PRESSURE (A) 1982 P.S.I. FINAL HYDROSTATIC PRESSURE (H) 1972 MAXIMUM TEMPERATURE 128 °

BLOW Slow building 6 1/2" in bucket 1st opening.

Slow building blow 6 1/2" in bucket 2nd opening.

RECOVERY - TOTAL FEET 446

RECOVERED 20 FEET OF Oil specked muddy water.

RECOVERED 426 FEET OF 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 _____

REMARKS 4" come back on 2nd S.T.

TICKET NO. 7675

WITNESSED BY: Craig Sanders TOOL OPERATOR: Bob Johnson

SUPERIOR TESTERS

368 West Second, Hoisington, Kansas

COMPANY Falcon Exploration STATE Kansas COUNTY Gove

LEASE & WELL NO. Monroe # 1 ELEVATION 2590 KB. DATE 7/8/83 FORMATION TESTED Kansas City

SEC. 35 TWP. 13 RANGE 27 INTERVAL TESTED 4006 TO 4025 TOTAL DEPTH 4025

TEST NO. # 3 O.K. yes TOP PACKER DEPTH 4001 FT. BOTTOM PACKER DEPTH 4006 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 19

HOLE SIZE 7 & 7/8 EXTRA EQUIPMENT none SURFACE CHOKE SIZE 1/2 IN. BOTTOM CHOKE SIZE 1/2

REVERSED OUT no VISCOSITY 44 WEIGHT 9.5 DUAL PACKERS yes DID PACKER HOLD yes DID TOOL PLUG no

DRILLING CONTRACTOR Mallard # 1

TOOL JOINT SIZE 4 1/2 XH. IN. LENGTH DRILL PIPE 3686 FT. I.D. DRILL PIPE 3.80

TOOL JOINT SIZE ----- IN. LENGTH WEIGHT PIPE ----- FT. I.D. WEIGHT PIPE -----

TOOL JOINT SIZE 4 1/2 XH. IN. LENGTH DRILL COLLARS 309 FT. I.D. DRILL COLLARS 2.25

TOOL OPEN I.F.P. FROM 8:00 p. m to 8:45 p. m Hr. 45 min From (B) 19 P.S.I. to (C) 19 P.S.I.

TOOL CLOSED I.C.I.P. FROM 8:45 p. m to 9:30 p. m Hr. 45 min (D) 19 P.S.I.

TOOL OPEN F.F.P. FROM 9:30 p. m to 9:45 p. m Hr. 15 min From (E) 19 P.S.I. to (F) 29 P.S.I.

TOOL CLOSED F.C.I.P. FROM ----- m to ----- m Hr. --- min (G) ----- P.S.I.

INITIAL HYDROSTATIC PRESSURE (A) 1992 P.S.I. FINAL HYDROSTATIC PRESSURE (H) 1972 MAXIMUM TEMPERATURE 128

BLOW Weak surging blow 1st opening.

Dead, flushed tool good surge, no help, 2nd opening.

RECOVERY - TOTAL FEET 15

RECOVERED 15 FEET OF Mud with few Oil specks & show of clean Oil in tool.

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 -----

RECOVERED ----- FEET OF -----

RECOVERED ----- FEET OF -----

REMARKS None.

7677

TICKET NO. 7677

WITNESSED BY: Craig Sanders TOOL OPERATOR Bob Johnson

368 West Second, Hoisington, Kansas

_____ TICKET NO. 7678
WITNESSED BY: Craig Sanders TOOL OPERATOR Bob Johnson

Hays, Kansas (913) 628-3209

Recovery

Gravity of Oil 340

SUPERIOR TESTERS

368 West Second, Hoisington, Kansas

COMPANY Falcon Exploration Inc. STATE Kansas COUNTY Gove

LEASE & WELL NO. Monroe # 1 ELEVATION 2590 KB. DATE 7/11/83 FORMATION TESTED Fort Scott

SEC 35 TWP 13 RANGE 27 INTERVAL TESTED 4296 TO 4354 TOTAL DEPTH 4354

TEST NO. # 5 O.K. yes TOP PACKER DEPTH 4296 FT. BOTTOM PACKER DEPTH 4354 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 58

HOLE SIZE 7 & 7/8 EXTRA EQUIPMENT Straddle SURFACE CHOKE SIZE 1/2 IN. BOTTOM CHOKE SIZE 1/2

REVERSED OUT no VISCOSITY 47 WEIGHT 9.1 DUAL PACKERS yes DID PACKER HOLD yes DID TOOL PLUG no

DRILLING CONTRACTOR Mallard # 1

TOOL JOINT SIZE 4 1/2 XH. IN. LENGTH DRILL PIPE 4037 FT. I.D. DRILL PIPE 3.80

TOOL JOINT SIZE ----- IN. LENGTH WEIGHT PIPE ----- FT. I.D. WEIGHT PIPE -----

TOOL JOINT SIZE 4 1/2 XH. IN. LENGTH DRILL COLLARS 243 FT. I.D. DRILL COLLARS 2.25

TOOL OPEN I.F.P. FROM 4:00 a. m to 4:30 a. m Hr. 30 min From (B) 59 P.S.I. to (C) 69 P.

TOOL CLOSED I.C.I.P. FROM 4:30 a. m to 5:15 a. m Hr. 45 min (D) 876 P.

TOOL OPEN F.F.P. FROM 5:15 a. m to 5:35 a. m Hr. 20 min From (E) 79 P.S.I. to (F) 89 P.

TOOL CLOSED F.C.I.P. FROM ----- m to ----- m Hr. --- min (G) ----- P.

INITIAL HYDROSTATIC PRESSURE (A) 2169 P.S.I. FINAL HYDROSTATIC PRESSURE (H) 2169 MAXIMUM TEMPERATURE -----

BLOW Weak died in 23 minutes 1st opening.

Dead 2nd opening.

RECOVERY - TOTAL FEET 15

RECOVERED 15 FEET OF Oil specked mud, Slightly.

RECOVERED ----- FEET OF -----

RECOVERED ----- FEET OF -----

RECOVERED ----- FEET OF -----

RECOVERED ----- FEET OF -----

RECOVERED ----- FEET OF -----

RECOVERED ----- FEET OF -----

RECOVERED ----- FEET OF -----

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RECOVERED ----- FEET OF -----

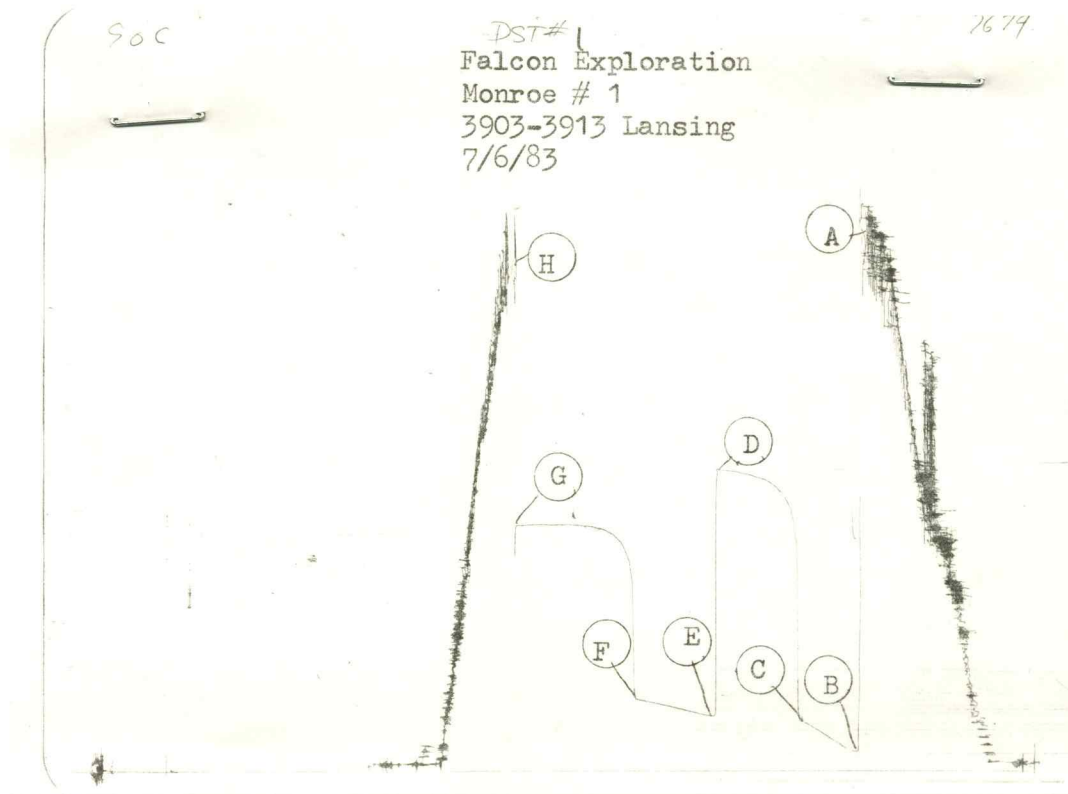
RECOVERED ----- FEET OF -----

RECOVERED ----- FEET OF -----

REMARKS Very tight hole.

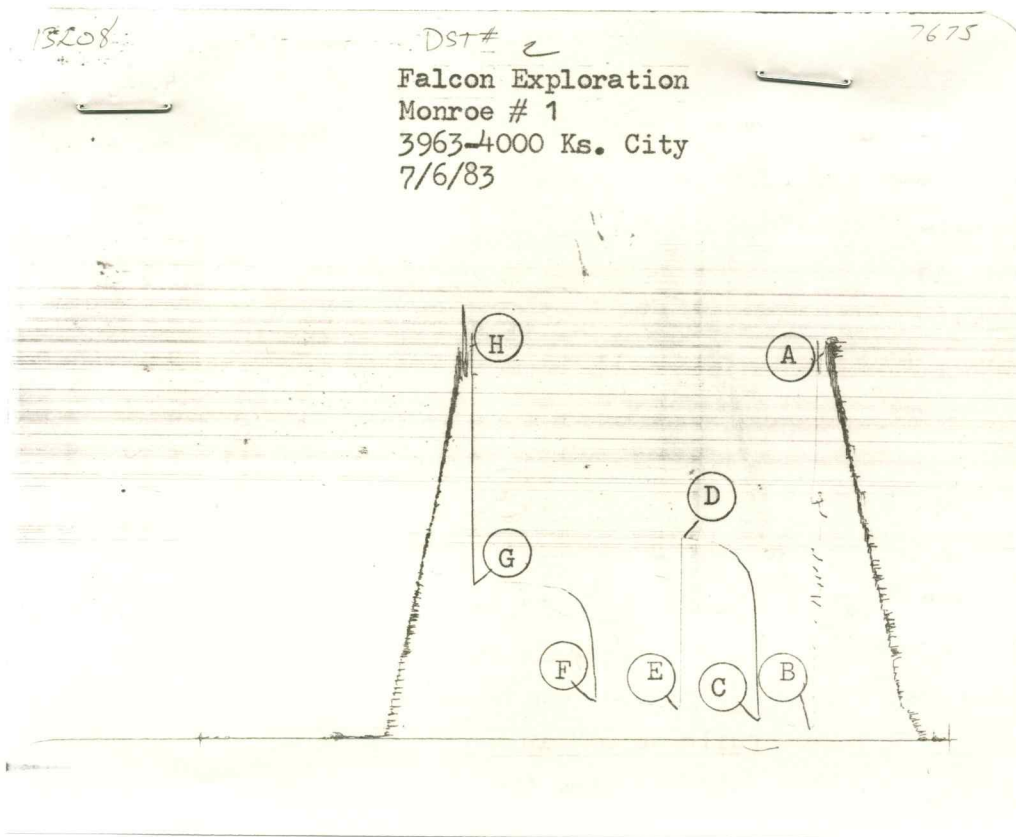
TICKET NO. 7679

WITNESSED BY: Craig Sanders TOOL OPERATOR: Bob Johnson



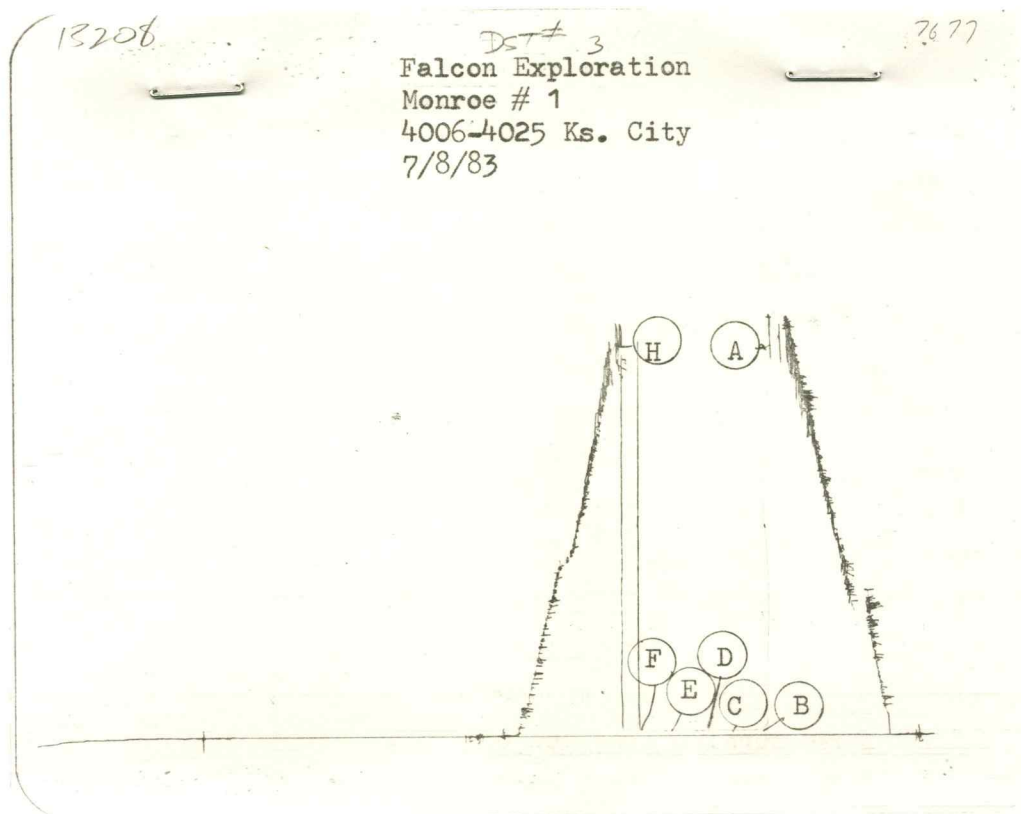
This is an actual photograph of recorder chart.

POINT	PRESSURE		
	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud	2081	2041	P.S.I.
(B) First Initial Flow Pressure	29	72	P.S.I.
(C) First Final Flow Pressure	158	173	P.S.I.
(D) Initial Closed-in Pressure	1101	1123	P.S.I.
(E) Second Initial Flow Pressure	177	195	P.S.I.
(F) Second Final Flow Pressure	237	253	P.S.I.
(G) Final Closed-in Pressure	866	921	P.S.I.
(H) Final Hydrostatic Mud	1762	1919	P.S.I.



This is an actual photograph of recorder chart.

POINT	PRESSURE		P.S.I.
	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud	1982	2011	P.S.I.
(B) First Initial Flow Pressure	59	59	P.S.I.
(C) First Final Flow Pressure	118	118	P.S.I.
(D) Initial Closed-in Pressure	1023	1033	P.S.I.
(E) Second Initial Flow Pressure	148	158	P.S.I.
(F) Second Final Flow Pressure	207	213	P.S.I.
(G) Final Closed-in Pressure	798	807	P.S.I.
(H) Final Hydrostatic Mud	1972	1982	P.S.I.



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud	1992	2021	P.S.I.
(B) First Initial Flow Pressure	19	29	P.S.I.
(C) First Final Flow Pressure	29	25	P.S.I.
(D) Initial Closed-in Pressure	19	19	P.S.I.
(E) Second Initial Flow Pressure	19	25	P.S.I.
(F) Second Final Flow Pressure	29	29	P.S.I.
(G) Final Closed-in Pressure	---	---	P.S.I.
(H) Final Hydrostatic Mud	1972	1982	P.S.I.

COMPANY Falcon Exploration Inc.

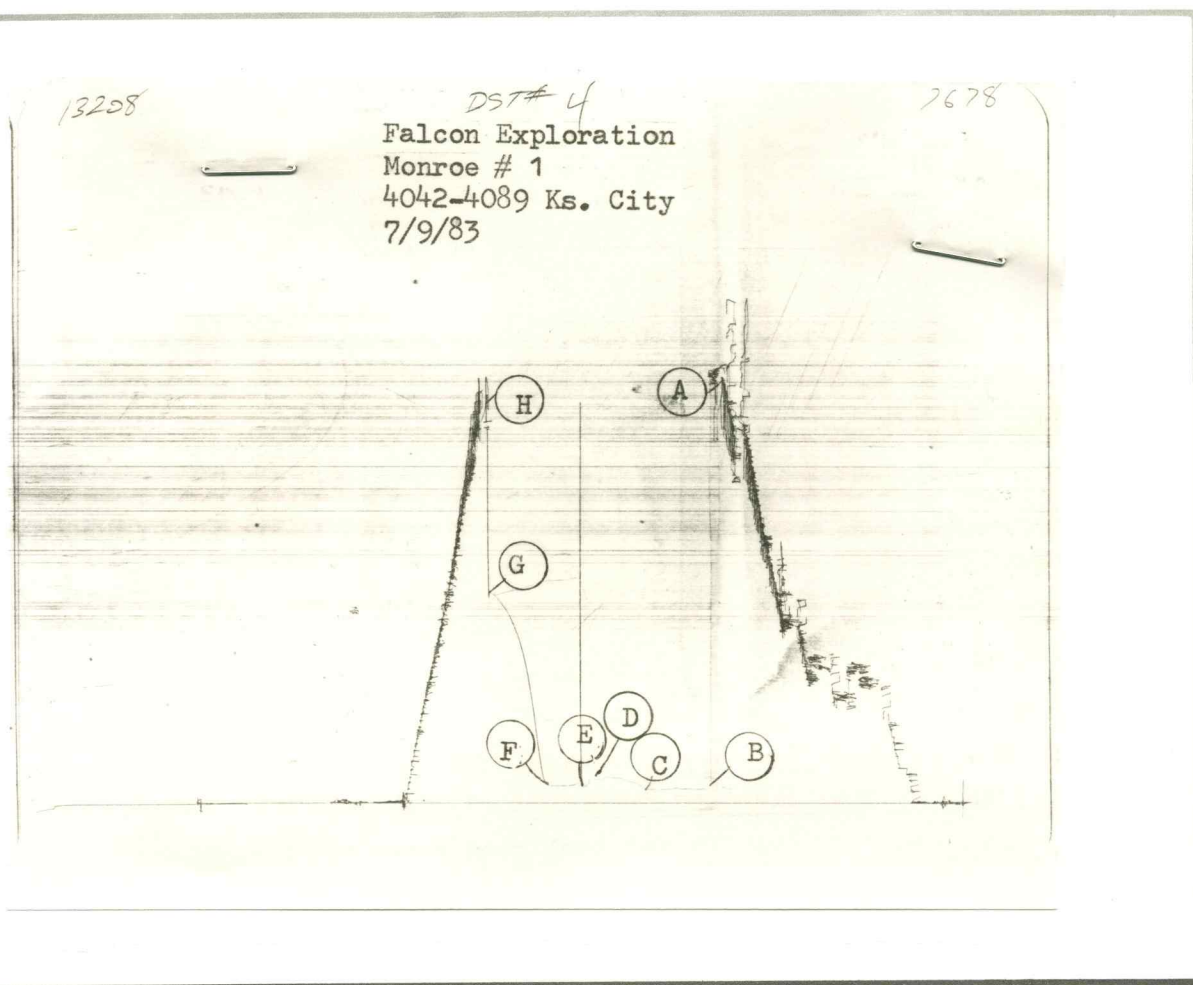
LEASE - WELL NO

Monroe # 1SEC 35TWP 13RGE. 27

TEST NO.

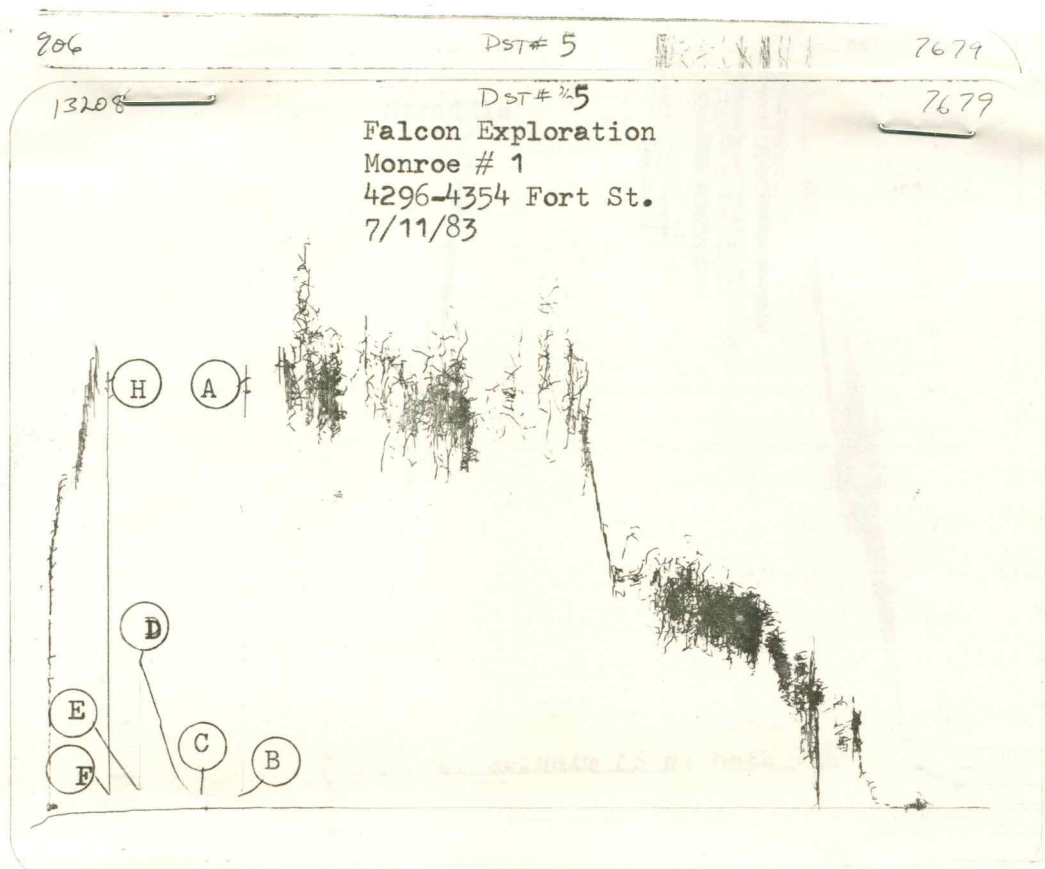
4

DATE

7/9/83

This is an actual photograph of recorder chart.

POINT	PRESSURE		P.S.I.
	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud	2061	2081	P.S.I.
(B) First Initial Flow Pressure	49	69	P.S.I.
(C) First Final Flow Pressure	49	69	P.S.I.
(D) Initial Closed-in Pressure	98	118	P.S.I.
(E) Second Initial Flow Pressure	69	88	P.S.I.
(F) Second Final Flow Pressure	69	88	P.S.I.
(G) Final Closed-in Pressure	1091	1091	P.S.I.
(H) Final Hydrostatic Mud	1992	2011	P.S.I.



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud	2169	2199	P.S.I.
(B) First Initial Flow Pressure	59	69	P.S.I.
(C) First Final Flow Pressure	69	69	P.S.I.
(D) Initial Closed-in Pressure	876	768	P.S.I.
(E) Second Initial Flow Pressure	79	79	P.S.I.
(F) Second Final Flow Pressure	89	83	P.S.I.
(G) Final Closed-in Pressure	---	---	P.S.I.
(H) Final Hydrostatic Mud	2169	2169	P.S.I.