WESTERN TESTERS

Home Office: Great Bend, Kansas
P. O. Box 793 (316) 793-7903

Company McClure Oil Co. Lease & Well No. Golf Course #1

Elevation 2125 Kelly Bushings Formation San d Effective Pay Ft. Ticket No. 11188

Date 6-23-68 Sec. 8 Twp. 17s Range 20w County Rush State Kansas

Test Approved by Bob Douglass Western Representative Dean Blagrave

Formation Test No. 2 O.K. x Misrun Interval Tested From 3988' to 4007' Total Depth 4007'

Size Main Hole 7 7/8 Rat Hole Conv. B.T. x Damaged Yes No Conv. B.T. Damaged Yes No

Packer Depth 3988 Ft. Size 6 3/4 Packer Depth Ft. Size

Straddle Yes No x Conv. B.T. Damaged Yes No

Packer Depth Ft. Size

Tool Size 5 1/2"OD Tool Jt. Size 4 1/2"FH Anchor Length 19 Ft. Size 5 1/2" OD

RECORDERS Depth 3998 Ft. Clock No. 8376 Depth 4001 Ft. Clock No. 6774

Top Make Amerada Cap. 4150 No. 2606 Inside Outside Bottom Make Amerada Cap. 4300 No. 1567 Inside Outside

Below Straddle: Depth Clock No. Inside Outside Depth Ft. Clock No. Inside Outside

Top Make Cap. No. Inside Outside Bottom Make Cap. No. Inside Outside

Time Set Packer 9:15 A. M

Tool Open I.F.P. From 9:16A. M. to 9:31A M. Hr. 15 Min. From (B) 39 P.S.I. To (C) 39 P.S.I.

Tool Closed I.C.I.P. From 9:31A M. to 10:01A M. Hr. 30 Min. (D) 696 P.S.I.

Tool Open F.F.P. From 10:01A M. to 10:31A M. Hr. 30 Min. From (E) 41 P.S.I. To (F) 41 P.S.I.

Tool Closed F.C.I.P. From 10:31 M. to 11:01A M. Hr. 30 Min. (G) 597 P.S.I.

Initial Hydrostatic Pressure (A) 2160 P.S.I. Final Hydrostatic Pressure (H) 2142 P.S.I.

SURFACE INFORMATION	Size Choke 1/4 In.	Max. Press. P.S.I.	Time	Description of Flow
			M.	
			M.	
			M.	

BLOW Weak for 15 minutes Bottom Choke Size 3/4 In.

Did Well Flow Yes x No Recovery Total Ft. 10 feet mud

Reversed Out Yes x No Mud Type Starch Viscosity 40 Weight 10.1 Water Loss 14.4 cc. Maximum Temp. 119 °F

Type Circ. Sub. Plug Did Tool Plug? No Jars: Size Make Ser. No.

EXTRA EQUIPMENT: Dual Packers No Safety Joint No Did Packer Hold? Yes Where?

Length Drill Pipe ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe 1190 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars ft.

I. D. Drill Collars in. Length D.S.T. Tool 32 ft.

Remarks Flushed at 15 minutes.

WESTERN TESTING CO., INC.
Pressure Data

Date 6-23-68 Test Ticket No. 11188

Recorder No. 2606 Capacity 4150 Location 3998 Ft.

Clock No. 8376 Elevation 2125 Kelly Bushings Well Temperature 119 °F

Point		Pressure		Time Given		Time Computed	
A	Initial Hydrostatic Mud	2160 P.S.I.	Opened Tool	9:15A.	M		
B	First Initial Flow Pressure	39 P.S.I.	First Flow Pressure	15	Mins.	15	Mins.
C	First Final Flow Pressure	39 P.S.I.	Initial Closed-in Pressure	30	Mins.	30	Mins.
D	Initial Closed-in Pressure	696 P.S.I.	Second Flow Pressure	30	Mins.	30	Mins.
E	Second Initial Flow Pressure	41 P.S.I.	Final Closed-in Pressure	30	Mins.	32	Mins.
F	Second Final Flow Pressure	41 P.S.I.					
G	Final Closed-in Pressure	597 P.S.I.					
H	Final Hydrostatic Mud	2142 P.S.I.					

PRESSURE BREAKDOWN

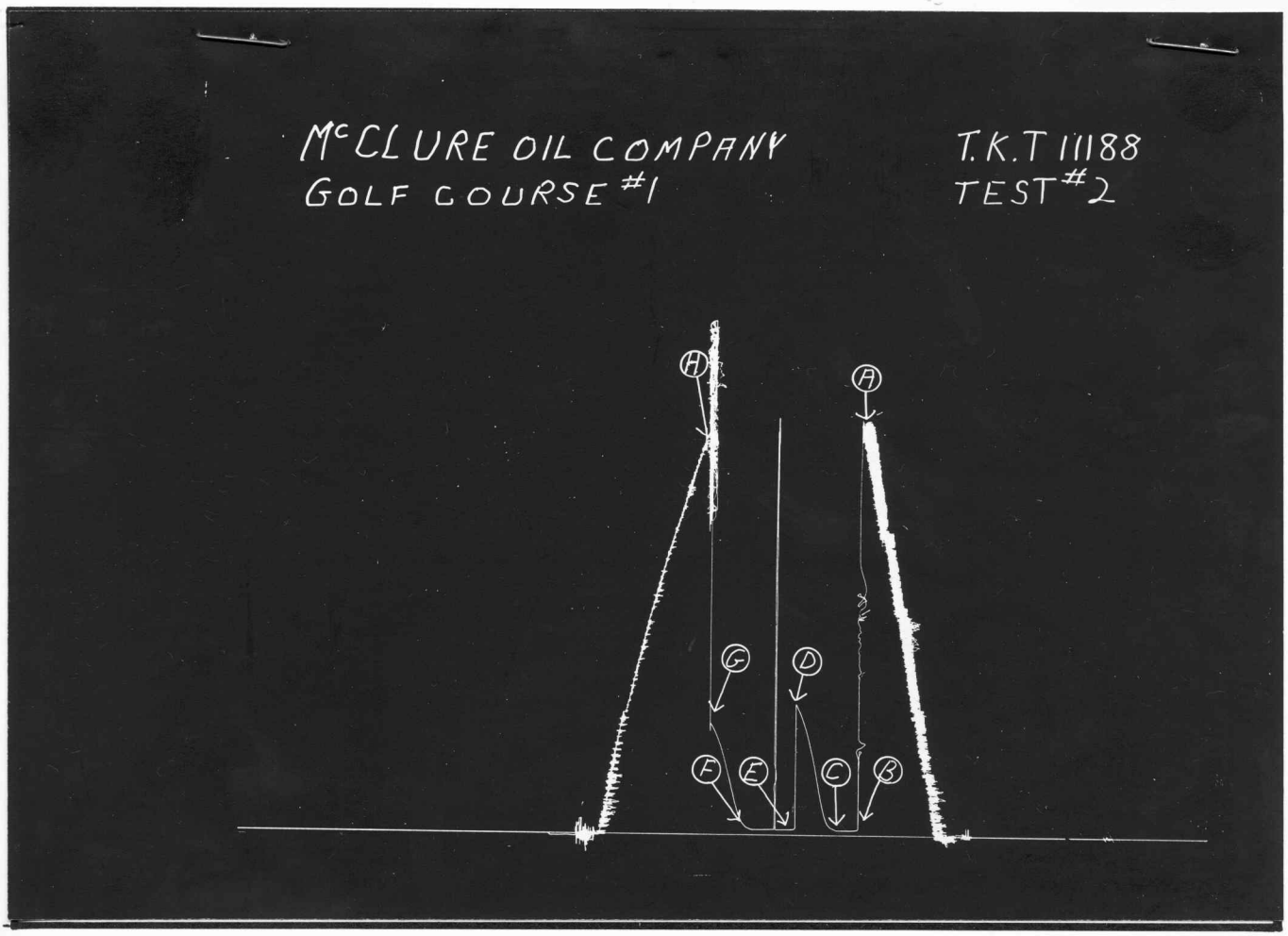
First Flow Press.
Breakdown: 3 Inc.
of 5 mins. and a
final inc. of ____ Min.

Initial Shut-In
Breakdown: 10 Inc.
of 3 mins. and a
final inc. of ____ Min.

Second Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of ____ Min.

Final Shut-In
Breakdown: 10 Inc.
of 3 mins. and a
final inc. of 2 Min.

Point	First Flow Press. Point Mins.	First Flow Press. Press.	Initial Shut-In Point Minutes	Initial Shut-In Press.	Second Flow Pressure Point Minutes	Second Flow Pressure Press.	Final Shut-In Point Minutes	Final Shut-In Press.
P 1	0	39	0	39	0	41	0	41
P 2	5	39	3	39	5	41	3	41
P 3	10	39	6	47	10	41	6	41
P 4	15	39	9	89	15	41	9	68
P 5			12	180	20	41	12	116
P 6			15	305	25	41	15	191
P 7			18	416	30	41	18	284
P 8			21	506			21	374
P 9			24	582			24	445
P10			27	644			27	512
P11			30	696			30	564
P12							32	597
P13								
P14								
P15								
P16								
P17								
P18								
P19								
P20								



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	2167	2160	PSI
(B)	First Initial Flow Pressure	41	39	PSI
(C)	First Final Flow Pressure	41	39	PSI
(D)	Initial Closed-in Pressure	696	696	PSI
(E)	Second Initial Flow Pressure	41	41	PSI
(F)	Second Final Flow Pressure	41	41	PSI
(G)	Final Closed-in Pressure	593	597	PSI
(H)	Final Hydrostatic Mud	2146	2142	PSI

COMPANY McClure Oil Co. LEASE AND WELL NO. Golf Course #1 SEC. 8 TWP. 17s RGE. 20w TEST NO. 2 DATE 6-23-68