Home Office: Wichita, Kansas 67201
P.O. Box 1599 (316) 262-5861

Company Hess Oil Company Lease & Well No. Huxman-Krehbiel #2

Elevation 1497 Kelly Bushing Formation Mississippi Effective Pay --- Ft. Ticket No. 3606

Date 2/3/80 Sec. 24 Twp. 21S Range 2W County McPherson State Kansas

Test Approved by J. M. Hess Western Representative Kenny Kirkendall

Formation Test No. 1 Interval Tested from 3358 ft. to 3395 ft. Total Depth 3395 ft.

Packer Depth 3358 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 3353 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3375 ft. Recorder Number 6234 Cap. 4500

Bottom Recorder Depth (Outside) 3379 ft. Recorder Number 5666 Cap. 3950

Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Blackstone Drilling Rig #1 Drill Collar Length -- I. D. - in.

Mud Type chemical Viscosity 42 Weight Pipe Length - I. D. - in.

Weight 9.4 Water Loss - cc. Drill Pipe Length 3337 I. D. - in.

Chlorides 2,000 P.P.M. Test Tool Length 21 ft. Tool Size 5½ in.

Jars: Make -- Serial Number - Anchor Length 37 ft. Size 5½ in.

Did Well Flow? - Reversed Out - Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4½FH in.

Blow: Weak increasing to fair first flow; fair blow throughout second flow.

Recovered 100 ft. of oil and gas cut mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 4:10 A.M. P.M. Time Started Off Bottom 6:40 A.M. P.M. Maximum Temperature 114°

Initial Hydrostatic Pressure (A) 1706 P.S.I.

Initial Flow Period Minutes 30 (B) 46 P.S.I. to (C) 39 P.S.I.

Initial Closed In Period Minutes 27 (D) 395 P.S.I.

Final Flow Period Minutes 60 (E) 67 P.S.I. to (F) 63 P.S.I.

Final Closed In Period Minutes 30 (G) 374 P.S.I.

Final Hydrostatic Pressure (H) 1702 P.S.I.

WTC

WESTERN TESTING CO., INC.
Pressure Data

Date 2/3/80 Test Ticket No. 3606

Recorder No. 6234 Capacity 4500 Location 3375 Ft.

Clock No. -- Elevation 1497 Kelly Bushing Well Temperature 114 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	1706	P.S.I.	Open Tool	4:10A M	
B	First Initial Flow Pressure	46	P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	39	P.S.I.	Initial Closed-in Pressure	30 Mins.	27 Mins.
D	Initial Closed-in Pressure	395	P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E	Second Initial Flow Pressure	67	P.S.I.	Final Closed-in Pressure	30 Mins.	30 Mins.
F	Second Final Flow Pressure	63	P.S.I.			
G	Final Closed-in Pressure	374	P.S.I.			
H	Final Hydrostatic Mud	1702	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 6 Inc. of 5 mins. and a final inc. of 0 Min.

Initial Shut-In
Breakdown: 9 Inc. of 3 mins. and a final inc. of 0 Min.

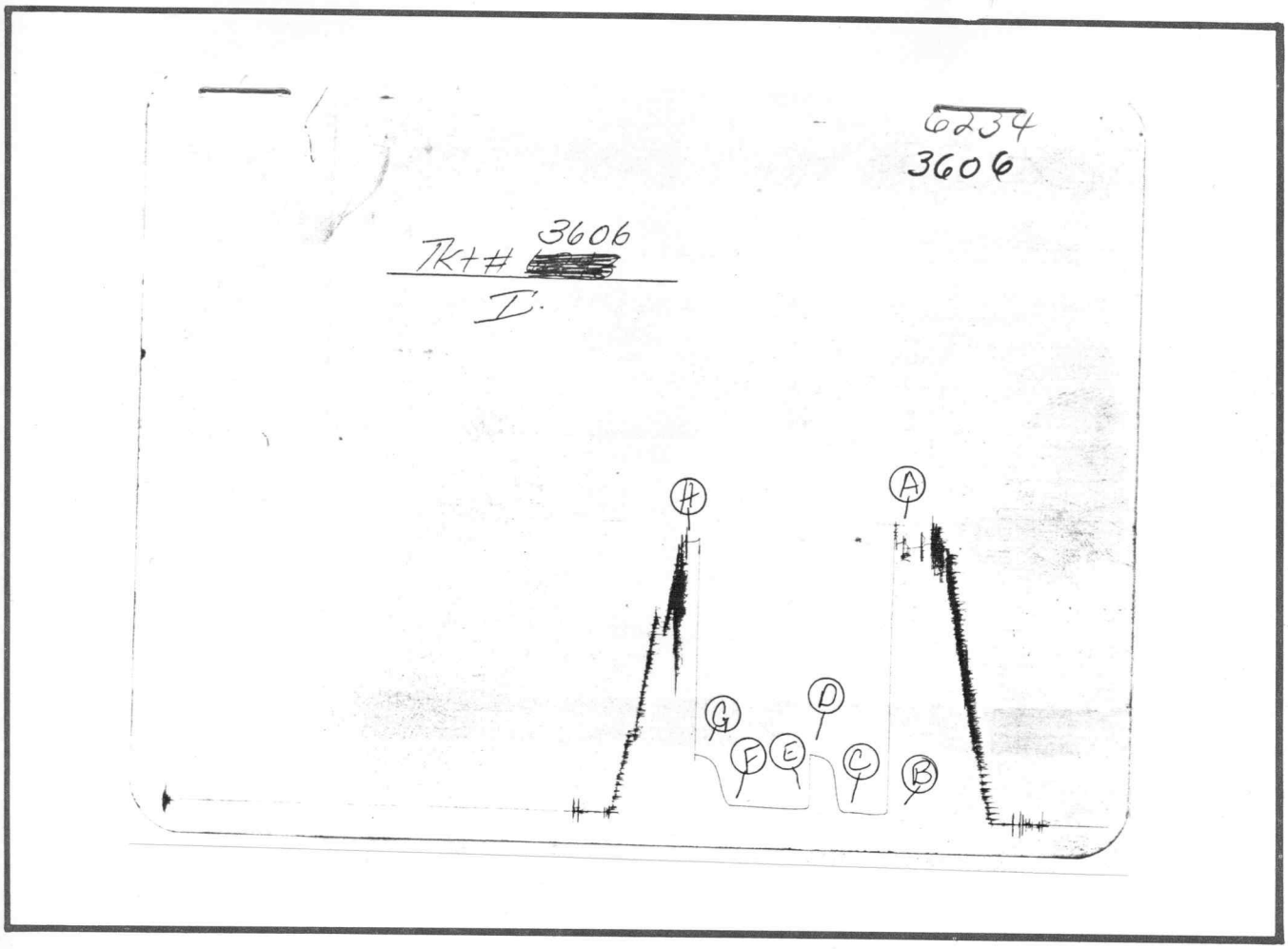
Second Flow Pressure
Breakdown 12 Inc. of 5 mins. and a final inc. of 0 Min.

Final Shut-In
Breakdown: 10 Inc. of 3 mins. and a final inc. of 0 Min.

Point	First Flow Pressure Mins.	First Flow Pressure 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	46	0	39	0	67	0	63
P 2	5	34	3	60	5	53	3	78
P 3	10	34	6	156	10	53	6	126
P 4	15	34	9	310	15	53	9	206
P 5	20	39	12	351	20	53	12	284
P 6	25	39	15	370	25	55	15	328
P 7	30	39	18	381	30	57	18	346
P 8			21	388	35	59	21	358
P 9			24	392	40	60	24	367
P10			27	395	45	61	27	369
P11					50	62	30	374
P12					55	63		
P13					60	63		
P14								
P15								
P16								
P17								
P18								
P19								
P20								

COMPANY HESS OIL COMPANY

LEASE AND WELL NO. HUXMAN-KREHBIEL #2 SEC. 24 TWP. 21S RGE. 2W TEST NO. 1 DATE 2/3/8



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	1701	1706	PSI
(B)	First Initial Flow Pressure	34	46	PSI
(C)	First Final Flow Pressure	45	39	PSI
(D)	Initial Closed-in Pressure	401	395	PSI
(E)	Second Initial Flow Pressure	57	67	PSI
(F)	Second Final Flow Pressure	68	63	PSI
(G)	Final Closed-in Pressure	366	374	PSI
(H)	Final Hydrostatic Mud	1701	1702	PSI