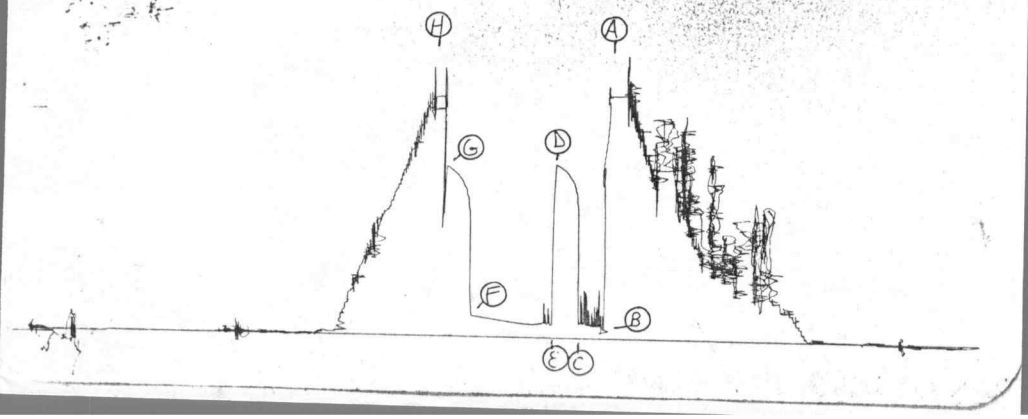
IRT # 7895

I



Company Harper Oil Company — Lease & Well No. Jayhawk #1

Elevation 1269 Kelly Bushing — Formation Simpson — Effective Pay - Ft. — Ticket No. 7895

Date 7/16/81 — Sec. 8 — Twp. 28S — Range 4E — County Butler — State Kansas

Test Approved by W. P. Simmons — Western Representative Allen Edgington

Formation Test No. 1 — Interval Tested from 2514 ft. to 2538 ft. — Total Depth 2538 ft.

Packer Depth 2509 ft. — Size 6 3/4 in. — Packer Depth - ft. — Size - in.

Packer Depth 2514 ft. — Size 6 3/4 in. — Packer Depth - ft. — Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 2531 ft. — Recorder Number 5666 — Cap. 3950

Bottom Recorder Depth (Outside) 2534 ft. — Recorder Number 3354 — Cap. 4200

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

Drilling Contractor Cascade Drlg. Rig #101 — Drill Collar Length 361 — I. D. 2¼ in.

Mud Type chemical — Viscosity 52 — Weight Pipe Length - — I. D. - in.

Weight 9.6 — Water Loss - cc. — Drill Pipe Length 2145 — I. D. 2.7 in.

Chlorides - P.P.M. — Test Tool Length 23 ft. — Tool Size 4¼ in.

Jars: Make - — Serial Number - — Anchor Length 24 ft. — Size 4¼ in.

Did Well Flow? NO — Reversed Out No — Surface Choke Size 3/4 in. — Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. — Tool Joint Size 3½ IF in.

Blow: Weak throughout test.

Recovered 60 ft. of drilling mud with slight rainbow and few oil spots.

Recovered 170 ft. of muddy salt water Chlorides 21,000 ppm

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 4:00 A.M. P.M. — Time Started Off Bottom 6:00 A.M. ~~P.M.~~ — Maximum Temperature 106°

Initial Hydrostatic Pressure			(A)	1261	P.S.I.	
Initial Flow Period	Minutes 20	(B)	47 *	P.S.I. to (C)	77 *	P.S.I.
Initial Closed In Period	Minutes 21	(D)	910	P.S.I.		
Final Flow Period	Minutes 60	(E)	71	P.S.I. to (F)	110	P.S.I.
Final Closed In Period	Minutes 21	(G)	894	P.S.I.		
Final Hydrostatic Pressure		(H)	1249	P.S.I.		

WESTERN TESTING CO., INC.

Pressure Data

Date 7/16/81

Test Ticket No. 7895

Recorder No. 5666 Capacity 3950 Location 2531 Ft.

Clock No. - Elevation 1269 Kelly Bushing Well Temperature 106 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1261 P.S.I.	Open Tool	4:00 M	
B First Initial Flow Pressure	47 * P.S.I.	First Flow Pressure	20 Mins.	20 Mins.
C First Final Flow Pressure	77 * P.S.I.	Initial Closed-in Pressure	20 Mins.	21 Mins.
D Initial Closed-in Pressure	910 P.S.I.	Second Flow Pressure	50 Mins.	60 Mins.
E Second Initial Flow Pressure	71 P.S.I.	Final Closed-in Pressure	20 Mins.	21 Mins.
F Second Final Flow Pressure	110 P.S.I.			
G Final Closed-in Pressure	894 P.S.I.			
H Final Hydrostatic Mud	1249 P.S.I.			

* PRESSURES QUESTIONABLE DUE TO PLUGGING ACTION.

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 4 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Mins.	Press.
P 1 0	47*
P 2 5	59*
P 3 10	63*
P 4 15	71*
P 5 20	77*
P 6	
P 7	
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 7 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	77 *
3	715
6	821
9	853
12	880
15	894
18	906
21	910

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

Point Minutes	Press.
0	71
5	71 *
10	71
15	71
20	73
25	77
30	82
35	86
40	92
45	96
50	102
55	106
60	110

Final Shut-In
Breakdown: 7 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	110
3	681
6	787
9	825
12	855
15	871
18	884
21	894