Company Kenbill Oil Company — Lease & Well No. Zink #7

Elevation 1783 Ground Level — Formation Arbuckle — Effective Pay - Ft. — Ticket No. 6991

Date 11/10/80 — Sec. 32 — Twp. 17S — Range 10W — County Ellsworth — State Kansas

Test Approved by W. A. ------ — Western Representative Gene Eberhart

Formation Test No. 1 — Interval Tested from 3226 ft. to 3242 ft. — Total Depth 3242 ft.

Packer Depth 3221 ft. — Size 6 5/8 in. — Packer Depth - ft. — Size - in.

Packer Depth 3226 ft. — Size 6 5/8 in. — Packer Depth - ft. — Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3234 ft. — Recorder Number 1558 — Cap. 4200

Bottom Recorder Depth (Outside) 3237 ft. — Recorder Number 10265 — Cap. 4675

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

Drilling Contractor Allen Drilling Rig #3 — Drill Collar Length - — I. D. - in.

Mud Type starch — Viscosity 37 — Weight Pipe Length 314 — I. D. 2.7 in.

Weight 10.2 — Water Loss 21.6 cc. — Drill Pipe Length 2890 — I. D. 3.8 in.

Chlorides 60,000 P.P.M. — Test Tool Length 22 ft. — Tool Size 5½ in.

Jars: Make - — Serial Number - — Anchor Length 16 ft. — Size 5½ in.

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

Main Hole Size 7 7/8 in. — Tool Joint Size 4½XH in.

Blow: Strong blow during both flow periods.

Recovered 960 ft. of slightly oil cut muddy water

Recovered 430 ft. of water

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 2:58 ~~A.M.~~ P.M. — Time Started Off Bottom 5:00 ~~A.M.~~ P.M. — Maximum Temperature 114°

Initial Hydrostatic Pressure			(A) 1841	P.S.I.		
Initial Flow Period	Minutes 30	(B) 83	P.S.I. to	(C) 276	P.S.I.	
Initial Closed In Period	Minutes 30	(D) 981 *	P.S.I.			
Final Flow Period	Minutes 30	(E) 319	P.S.I. to	(F) 393	P.S.I.	
Final Closed In Period	Minutes 30	(G) 964	P.S.I.			
Final Hydrostatic Pressure			(H) 1794	P.S.I.		

WESTERN TESTING CO., INC.

Pressure Data

Date 11/10/80 Test Ticket No. 6991

Recorder No. 10265 Capacity 4675 Location 3237 Ft.

Clock No. – Elevation 1783 Ground Level Well Temperature 114 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1841	P.S.I.	Open Tool 2:58P	M
B First Initial Flow Pressure	83	P.S.I.	First Flow Pressure 30 Mins.	30 Mins.
C First Final Flow Pressure	276	P.S.I.	Initial Closed-in Pressure 30 Mins.	30 Mins.
D Initial Closed-in Pressure	981 *	P.S.I.	Second Flow Pressure 30 Mins.	30 Mins.
E Second Initial Flow Pressure	319	P.S.I.	Final Closed-in Pressure 30 Mins.	30 Mins.
F Second Final Flow Pressure	393	P.S.I.		
G Final Closed-in Pressure	964	P.S.I.		
H Final Hydrostatic Mud	1794	P.S.I.		

* Pressures questionable due to tool being picked up too high.

PRESSURE BREAKDOWN

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

Point Mins.	Press.
P 1 0	83
P 2 5	136
P 3 10	198
P 4 15	219
P 5 20	238
P 6 25	255
P 7 30	276
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

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

Point Minutes	Press.
0	276
3	911*
6	911*
9	925*
12	939*
15	948*
18	958*
21	967*
24	974*
27	978*
30	981*

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

Point Minutes	Press.
0	319
5	317
10	324
15	338
20	355
25	369
30	393

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

Point Minutes	Press.
0	393
3	838
6	880
9	904
12	920
15	934
18	939
21	948
24	955
27	960
30	964

TK #6991