Ricketts Testing

Company Bullseye Petroleum Company, Inc. Lease & Well No. Popp #3

Elevation 1816 K.B. Formation Arbuckle Effective Pay ____ ft. Ticket No. 1071

Date 3-29-88 Sec. 9 Twp. 18 Range 13W County Barton State Kansas

Test Approved by Bruce Ard Ricketts Representative Dan Delaney

Formation Test No. 1 Interval Tested from 3276 ft. to 3336 ft. Total Depth 3336 ft.

Packer Depth 3276 ft. Size 6 3/4 in. Packer Depth ____ ft. Size ____ in.

Packer Depth 3273 ft. Size 6 3/4 in. Packer Depth ____ ft. Size ____ in.

Depth of Selective Zone Set ____

Top Recorder Depth (Inside) 3281 ft. Recorder Number 13765 Cap. 4150

Bottom Recorder Depth (Outside) 3333 ft. Recorder Number 13766 Cap. 4275

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

Drilling Contractor Red Tiger Drilling #2 Drill Collar Length ____ I.D. ____ in.

Mud Type Chemical Viscosity 44 Weight Pipe Length 949 I.D. 3.00 in.

Weight 9.4 Water Loss 18.4 cc. Drill Pipe Length 2305 I.D. 3.25 in.

Chlorides 10,000 P.P.M. Test Tool Length 22 ft. Tool Size 5½ in.

Jars: Make --- Serial Number ____ Anchor Length 60 ft. Size 5½ 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 4½xh in.

Blow: Weak blow Initial Flow Period. Died in 25 minutes.

No blow Final Flow Period.

Recovered 40 ft. of Heavy oil cut mud. 40% Oil 60% Mud

Recovered ____ ft. of ____

Recovered ____ ft. of ____

Recovered ____ ft. of ____

Recovered ____ ft. of ____

Remarks: ____

Time Set Packer (s) 6:45 A.M. ~~P.M.~~ Time Started Off Bottom 8:45 A.M. ~~P.M.~~ Maximum Temperature 111°

Initial Hydrostatic Pressure ..... (A) 1641 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 27 P.S.I. to (C) 27 P.S.I.

Initial Closed In Period ..... Minutes 30 (D) 876 P.S.I.

Final Flow Period ..... Minutes 30 (E) 37 P.S.I. to (F) 37 P.S.I.

Final Closed In Period ..... Minutes 30 (G) 772 P.S.I.

Final Hydrostatic Pressure ..... (H) 1630 P.S.I.

RICKETTS TESTING
Pressure Data

Date 3-29-88 Test Ticket No. 1071

Recorder No. 13765 Capacity 4150 Location 3281 Ft.

Clock No. Elevation 1816 K.B. Well Temperature 111 °F

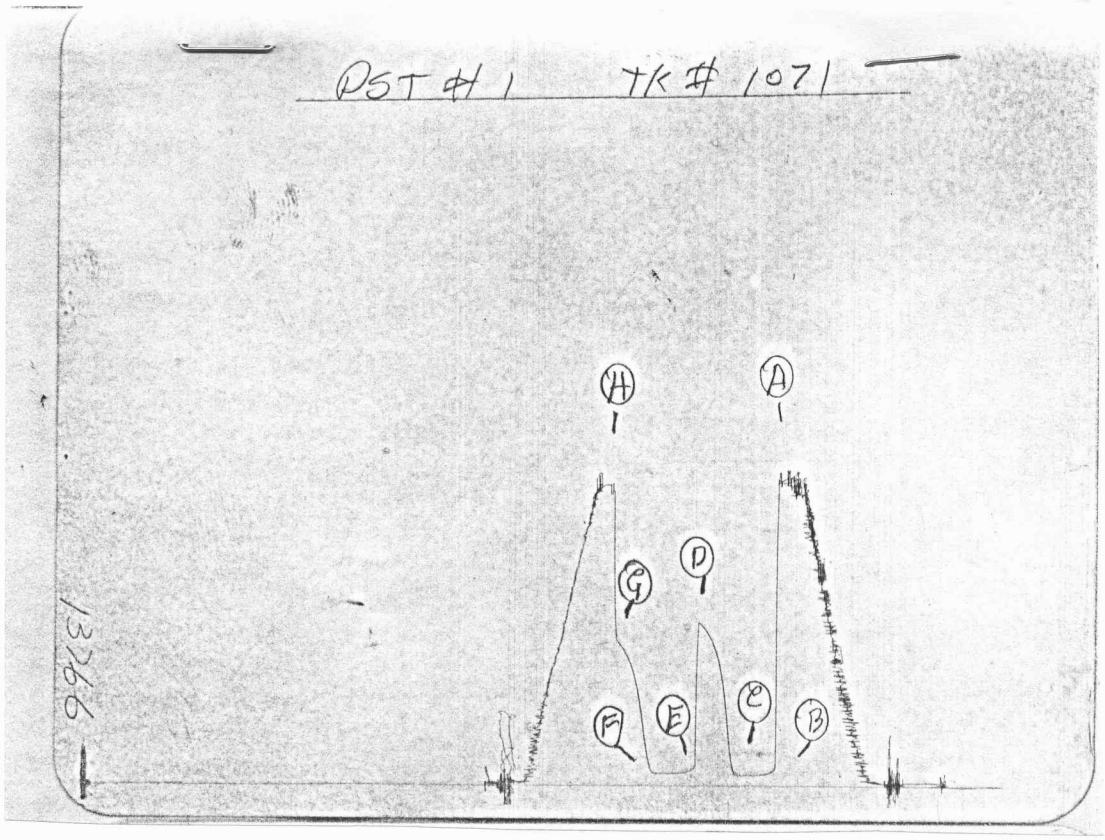
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1641 P.S.I.	Open Tool	6:45 A M.	
B First Initial Flow Pressure	27 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	27 P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D Initial Closed-in Pressure	876 P.S.I.	Second Flow Pressure	30 Mins.	30 Mins.
E Second Initial Flow Pressure	37 P.S.I.	Final Closed-in Pressure	30 Mins.	30 Mins.
F Second Final Flow Pressure	37 P.S.I.			
G Final Closed-in Pressure	772 P.S.I.			
H Final Hydrostatic Mud	1630 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: 6 Inc.		Breakdown: 10 Inc.		Breakdown: 6 Inc.		Breakdown: 10 Inc.	
of 5 mins. and a		of 3 mins. and a		of 5 mins. and a		of 3 mins. and a	
final inc. of Min.		final inc. of Min.		final inc. of Min.		final inc. of Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	27	0	27	0	37	0	37
P 2 5	27	3	83	5	37	3	56
P 3 10	27	6	250	10	37	6	140
P 4 15	27	9	477	15	37	9	278
P 5 20	27	12	616	20	37	12	441
P 6 25	27	15	710	25	37	15	550
P 7 30	27	18	770	30	37	18	625
P 8 35		21	809	35		21	688
P 9 40		24	839	40		24	728
P10 45		27	862	45		27	753
P11 50		30	876	50		30	772
P12 55		33		55		33	
P13 60		36		60		36	
P14 65		39		65		39	
P15 70		42		70		42	
P16 75		45		75		45	
P17 80		48		80		48	
P18 85		51		85		51	
P19 90		54		90		54	
P20 95		57				57	
		60				60	

COMPANY Bullseye Petroleum Co., Inc. LEASE AND WELL NO. Popp #3 SEC. 9 TWP. 18 RGE. 13W TEST NO. 1 DATE 3-29-88

NE-NW-[redacted]-NE



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	1638	1641	PSI
(B)	First Initial Flow Pressure	31	27	PSI
(C)	First Final Flow Pressure	31	27	PSI
(D)	Initial Closed-in Pressure	875	876	PSI
(E)	Second Initial Flow Pressure	41	37	PSI
(F)	Second Final Flow Pressure	41	37	PSI
(G)	Final Closed-in Pressure	781	772	PSI
(H)	Final Hydrostatic Mud	1627	1630	PSI