

DIAMOND TESTING, INC.

P. O. Box 157

HOISINGTON, KANSAS 67544

(316) 653-7550

Company National Petroleum Reserves, Inc. Lease and Well No. Yarmer No. 1

Elevation 1926 GL Formation Conglomerate Chert Effective Pay _____ Ft. Ticket No. J057

Date 6-8-86 Sec. 17 Twp. 17S Range 14W County Barton State Kansas

Tests Approved by T. C. Bredehoft Diamond Representative John Riedl

Formation Test No. 1 Interval Tested from 3,392 Ft. to 3,444 Ft. Total Depth 3,444 Ft.

Packer Depth 3,387 Ft. Size 6 3/4 in. Packer Depth _____ Ft. Size _____ in.

Packer Depth 3,392 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth(Inside) 3,332 ft. Recorder Number 13386 Cap. 3,875

Bottom Recorder Depth(Outside) 3,439 ft. Recorder Number 13387 Cap. 3,900

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

Drilling Contractor Duke Drilling Company, Inc. - Rig 1 Drill Collar Length -- I.D. 2 1/4 in.

Mud Type Starch Viscosity 38 Weight Pipe Length 940 ft. I.D. 2 1/2 in.

Weight 9.8 Water Loss 12.8 cc. Drill Pipe Length Remainder I.D. 2 7/8 in.

Chlorides 71,000 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2-FH in.

Jars: Make -- Serial Number -- Anchor Length 21' perf. w/31' wt. pipe Size 4 1/2-FH in.

Old Well Flow No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-FH in.

Blow: 1st Open: Weak blow. Dead in 9 mins.

2nd Open: No blow. Bypassed tool. No help.

Recovered 15 ft. of drilling mud = .111 bbls.

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks _____

Time Set Packer(s) 8:20 ~~XXXX~~ P.M. Time Started Off Bottom 9:25 ~~XXXX~~ P.M. Maximum Temperature 105°

Initial Hydrostatic Pressure (A) 1916 P.S.I.

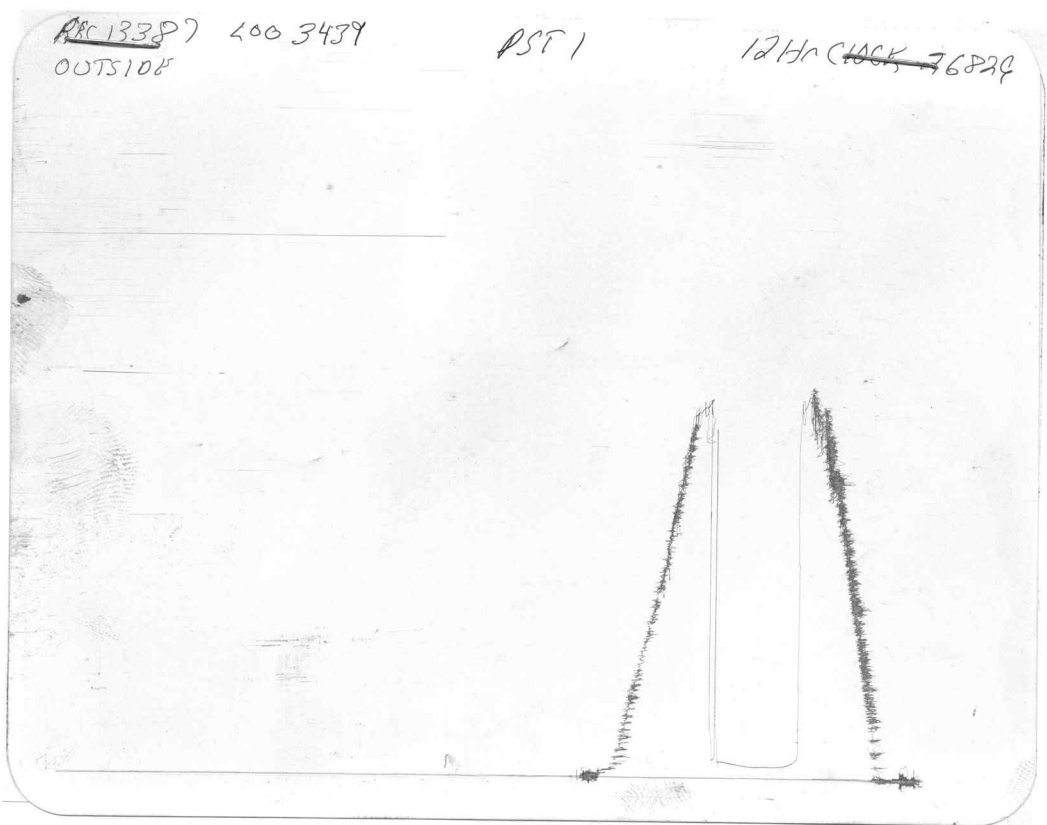
Initial Flow Period Minutes 30 (B) 58 P.S.I. to (C) 58 P.S.I.

Initial Closed In Period Minutes 30 (D) 96 P.S.I.

Final Flow Period Minutes 5 (E) -- P.S.I. to (F) -- P.S.I.

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

Final Hydrostatic Pressure (H) 1877 P.S.I.



This is an actual photograph of recorder chart

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1916	1916	PSI
(B) First Initial Flow Pressure	58	58	PSI
(C) First Final Flow Pressure	58	58	PSI
(D) Initial Closed-in Pressure	96	96	PSI
(E) Second Initial Flow Pressure	--	--	PSI
(F) Second Final Flow Pressure	--	--	PSI
(G) Final Closed-in Pressure	--	--	PSI
(H) Final Hydrostatic Mud	1877	1877	PSI