

Company Gear Petroleum Co. Lease & Well No. Herrmann #1
 Elevation 2247 Ground Level Formation Mississippi Effective Pay - Ft. Ticket No. 1648
 Date 5-23-79 Sec. 11 Twp. 27S Range 19W County Kiowa State Kansas
 Test Approved by Benny C. Singleton, Jr. Western Representative Jim Wondra

Formation Test No. 1 Interval Tested from 4819 ft. to 4834 ft. Total Depth 4834 ft.
 Packer Depth 4814 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 4819 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 4824 ft. Recorder Number 2607 Cap. 4150
 Bottom Recorder Depth (Outside) 4827 ft. Recorder Number 3351 Cap. 4000
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Red Tiger Drlg. (#1) Drill Collar Length - I. D. - in.
 Mud Type Premix-Drispac Viscosity 55 Weight Pipe Length 1021 I. D. 2.7 in.
 Weight 9.5 Water Loss 13.2 cc. Drill Pipe Length 3777 I. D. 3.8 in.
 Chlorides 20,000 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 OD in.
 Jars: Make - Serial Number - Anchor Length 15 ft. Size 5 1/2 OD 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 4 1/2 FH in.

Blow: Very weak blow, died in 10 minutes on initial flow period.

Recovered 80 ft. of drilling mud (Specks of oil)
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Remarks: _____

Time Set Packer(s) 3:45 ~~A.M.~~ P.M. Time Started Off Bottom 4:45 ~~A.M.~~ P.M. Maximum Temperature 127
 Initial Hydrostatic Pressure (A) 2449 P.S.I.
 Initial Flow Period Minutes 30 (B) 65 P.S.I. to (C) 80 P.S.I.
 Initial Closed In Period Minutes 30 (D) 1077 P.S.I.
 Final Flow Period Minutes - (E) - P.S.I. to (F) - P.S.I.
 Final Closed In Period Minutes - (G) - P.S.I.
 Final Hydrostatic Pressure (H) 2390 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 5-23-79 Test Ticket No. 1648
 Recorder No. 2607 Capacity 4150 Location 4824 Ft.
 Clock No. - Elevation 2247 Ground Level Well Temperature 127 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2249	P.S.I.	3:45P.	M
B First Initial Flow Pressure	65	P.S.I.	30	Mins. 30 Mins.
C First Final Flow Pressure	80	P.S.I.	30	Mins. 36 Mins.
D Initial Closed-in Pressure	1077	P.S.I.	-	Mins. - Mins.
E Second Initial Flow Pressure	-	P.S.I.	-	Mins. - Mins.
F Second Final Flow Pressure	-	P.S.I.		
G Final Closed-in Pressure	-	P.S.I.		
H Final Hydrostatic Mud	2390	P.S.I.		

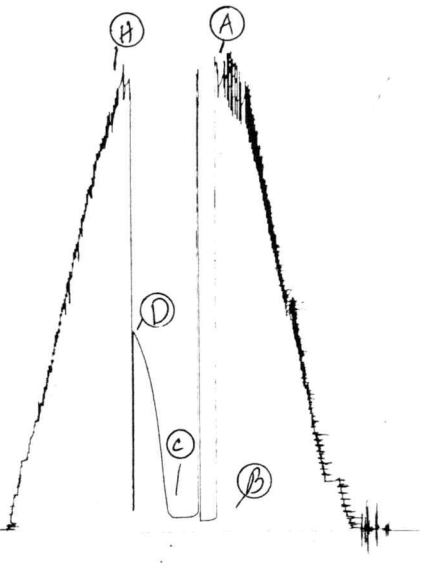
PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Initial Shut-In Breakdown: <u>12</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	Second Flow Pressure Breakdown: <u>-</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Final Shut-In Breakdown: <u>-</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.
--	---	---	--

Point Mins.	Press.	Initial Shut-In		Second Flow Pressure		Final Shut-In	
		Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	65	0	80				
P 2 5	63	3	99				
P 3 10	61	6	157				
P 4 15 <i>Flushed</i>	87 <i>TOOT</i>	9	294				
P 5 20	80	12	428				
P 6 25	80	15	564				
P 7 30	80	18	676				
P 8		21	764				
P 9		24	847				
P10		27	918				
P11		30	994				
P12		33	1048				
P13		36	1077				
P14							
P15							
P16							
P17							
P18							
P19							
P20							

JK# 1648

I



07