

CHENEY TESTING CO.

Wichita Geol. File Copy

DRILL STEM TEST REPORT

RECEIVED
STATE CORPORATION COMMISSION

AUG 9 1985

CONSERVATION DIVISION
Wichita, Kansas

CHENEY TESTING COMPANY, INC.

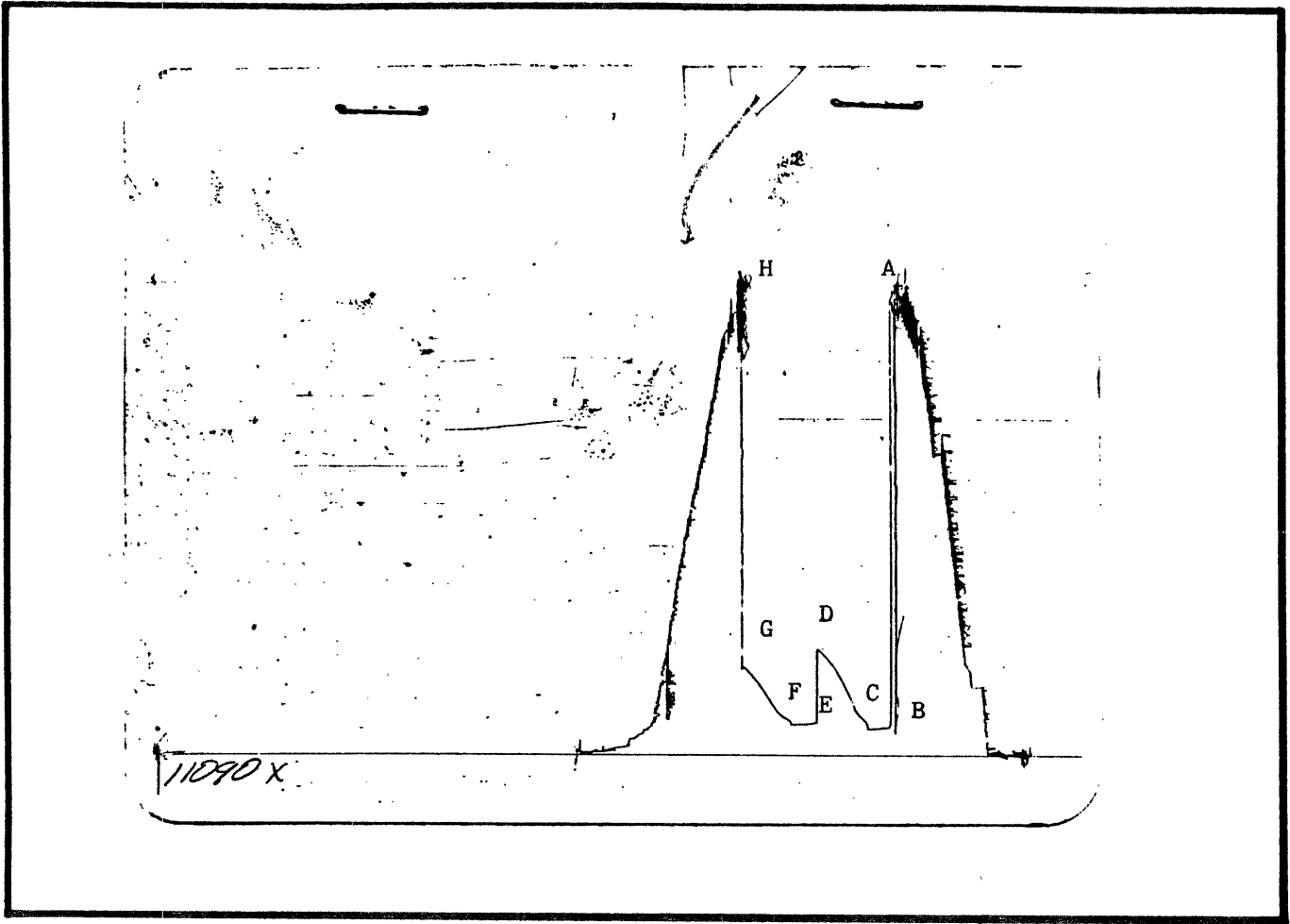
P. O. Box 367 HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company <u>Cities Service Oil & Gas Corp.</u>	Test No. <u>1</u>
Well Name & Number <u>Hubbard C</u>	Zone Tested <u>Cherokee</u>
Company Address <u>3645 N.W. 58th St., Oklahoma City, Ok.</u>	Date <u>10-3-84</u>
Company Rep. <u>Rick Brower</u>	Tester <u>Norman Walker</u>
Contractor <u>Rains & Williamson</u>	Elevation <u>3270 K.B.</u>
Location: Sec. <u>29</u> Twp. <u>3s</u> Rge. <u>36w</u> Co. <u>Rawlins</u> State <u>Ks.</u>	Est. Feet of Pay _____

Recorder No. 13636 Type AK-1 Range 6075 PSI
 Recorder Depth 4642 Clock # 27948
 (A) Initial Hydrostatic Mud 2565 PSI
 (B) First Initial Flow Pressure 154 PSI
 (C) First Final Flow Pressure 154 PSI
 (D) Initial Shut-in Pressure 607 PSI
 (E) Second Initial Flow Pressure 185 PSI
 (F) Second Final Flow Pressure 185 PSI
 (G) Final Shut-in Pressure 493 PSI
 (H) Final Hydrostatic Mud 2514 PSI
 Temperature 134
 Mud Weight 9.8 Viscosity 48
 Fluid Loss 8.0
 Interval Tested 4596-4645
 Anchor Length 49'
 Top Packer Depth 4590
 Bottom Packer Depth 4596
 Total Depth 4645
 Drill Pipe Size 4½ X.H.
 Wt. Pipe I. D. _____ Ft. Run _____
 Recovery-Total Feet 200
 Recovered 1 Feet Of Free Oil.
 Recovered 120 Feet Of 1% Oil, 99% Mud.
 Recovered 79 Feet Of Gassy Oil Cut Mud- 3% gas, 2% oil, 95% mud.
 Recovered _____ Feet Of _____
 Recovered _____ Feet Of _____
 Recovered _____ Feet Of _____
 Extra Equipment Bowen Jars, & Safety Joint Price of Job \$920.00

Recorder No. 11090 Type AK-1 Range 4125 PSI
 Recorder Depth 4639 Clock # 27807
 Tool Open Before I.S.I. 30 Mins.
 Initial Shut-in 60 Mins.
 Flow Period 30 Mins.
 Final Shut-in 60 Mins.
 Top Choke Size 1" Hole Size 7 7/8"
 Bottom Choke Size 3/4" Rubber Size 6 3/4"
 Tool Open @ 7:35 P.M.
 Blow Remarks _____
1st Open- Very - blow, 2½" in bucket.
Then decreasing to 1/8" in 30 minutes.
2nd open- Very weak, 3/8" in bucket in 30
minutes. Steady.
 Recovery Chlorides- 5,000 PPM
 Resistivity- 1.11 ohms @ 68°F
 Gravity- 27



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2565	2560	PSI
(B) First Initial Flow Pressure	154	158.6	PSI
(C) First Final Flow Pressure	154	158.6	PSI
(D) Initial Closed-in Pressure	607	607.6	PSI
(E) Second Initial Flow Pressure	185	179.2	PSI
(F) Second Final Flow Pressure	185	181.3	PSI
(G) Final Closed-in Pressure	493	497.4	PSI
(H) Final Hydrostatic Mud	2514	2509	PSI