

CHENEY TESTING COMPANY, INC.

P. O. Box 367

HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	Ritchie Exploration	Test No.	1
Well Name & Number	McClean #1	Zone Tested	Mississippi
Company Address	125 N. Market #1000, Wichita, Kan. 67202	Date	2-12-88
Company Rep.	Bob Mathieson	Tester	Don Anderson
Contractor	Murfin #8	Elevation	2168 K.B.
Location: Sec. 14 Twp. 22S Rge. 22W CoHodgemaState Kan	Est. Feet of Pay		

Recorder No. 13769 Type AK-1 Range 4200 PSI

Recorder Depth 4420 Clock # 25559

(A) Initial Hydrostatic Mud 2407 PSI

(B) First Initial Flow Pressure 148 PSI

(C) First Final Flow Pressure 131 PSI

(D) Initial Shut-in Pressure 1062 PSI

(E) Second Initial Flow Pressure 131 PSI

(F) Second Final Flow Pressure 127 PSI

(G) Final Shut-in Pressure 1000 PSI

(H) Final Hydrostatic Mud 2355 PSI

Temperature 104

Mud Weight 9.9 Viscosity 44

Fluid Loss 10.0

Interval Tested 4361-4428

Anchor Length 67'

Top Packer Depth 4356

Bottom Packer Depth 4361

Total Depth 4428

Drill Pipe Size 4½ EX.H.

Wt. Pipe I. D. 2.7 Ft. Run 580

Recovery-Total Feet 20

Recovered 20 Feet Of Watery Mud (10% Water, 90% Mud)

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Extra Equipment Price of Job

Recorder No. 7456 Type AK-1 Range 4150 PSI

Recorder Depth 4423 Clock # 25826

Tool Open Before I.S.I. 30 Mins.

Initial Shut-in 30 Mins.

Flow Period 30 Mins.

Final Shut-in 30 Mins.

Top Choke Size 1" Hole Size 7 7/8"

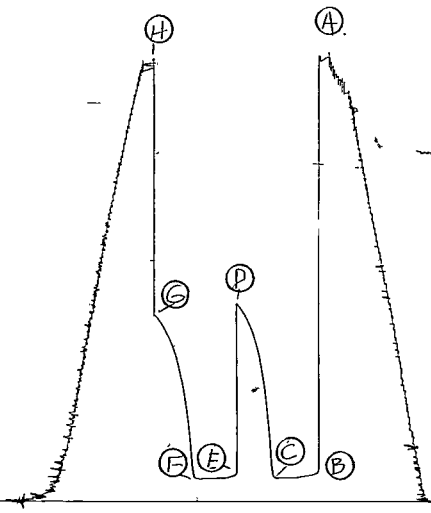
Bottom Choke Size 3/4" Rubber Size 6 3/4"

Tool Open @ 12:30 A.M.

Blow Remarks Weak Blow Died in 13 Min.

Flushed tool on 2nd Open.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	2407	PSI
(B) First Initial Flow Pressure	148	PSI
(C) First Final Flow Pressure	131	PSI
(D) Initial Closed-in Pressure	1062	PSI
(E) Second Initial Flow Pressure	131	PSI
(F) Second Final Flow Pressure	127	PSI
(G) Final Closed-in Pressure	1000	PSI
(H) Final Hydrostatic Mud	2355	PSI



7456 # 1X