CHENEY TESTING COMPANY

P. O. BOX 3 HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	F. & M. Oil Co., Inc.	Test No.	1
Well Name & Number	Drury #1	Zone Tested	K.C.
Company Address	505 Union Center, Wichita, Kan.	Date	8-18-78
Comp. Rep.	Glenn Tracy	Tester	Kirk Cheney
Contractor	Abercrombie Drlg. Inc.	Elevation	
Location: Sec. 12 Twp. 7S Rge 23W Co. Graham State Kan.		Est. Feet of Pay	

Recorder No. 7370 Type A-K 1 Range 4050 PSI

Recorder Depth 3717

(A) Initial Hydrostatic Mud 1844 PSI

(B) First Initial Flow Pressure 153 PSI

(C) First Final Flow Pressure 357 PSI

(D) Initial Closed-in Pressure 1182 PSI

(E) Second Initial Flow Pressure 367 PSI

(F) Second Final Flow Pressure 459 PSI

(G) Final Closed-in Pressure 1161 PSI

(H) Final Hydrostatic Mud 1834 PSI

Temperature 108

Mud Weight 9.3 Viscosity 39

Fluid Loss 16.0 cc

Interval Tested 3676-3720

Anchor Length 44'

Top Packer Depth 3671

Bottom Packer Depth 3676

Total Depth 3720

Drill Pipe Size 4" F.H.

Wt. Pipe I. D. 2.25 Ft. Run 750

Recorder No. 7456 Type A-K 1 Range 4150 PSI

Recorder Depth 3714

Tool Open Before I. S. I. 45 Mins.

Initial Shut-in 45 Mins.

Flow Period 45 Mins.

Final Shut-in 45 Mins.

Surface Choke Size 1"

Bottom Choke Size 3/4"

Main Hole Size 7 7/8"

Rubber Size 6 3/4"

Tool Open @ 3:15 A.M.

Blow Strong blow through-out.

Remarks Tool slid 10' to bottom. Added joint of pipe & re-opened tool.

Drill Collar I. D. _____ Ft. Run _____

Recovery—Total Feet 1008

Recovered 378 Feet Of Gas Cut Mud W/Oil spots & scum of oil.

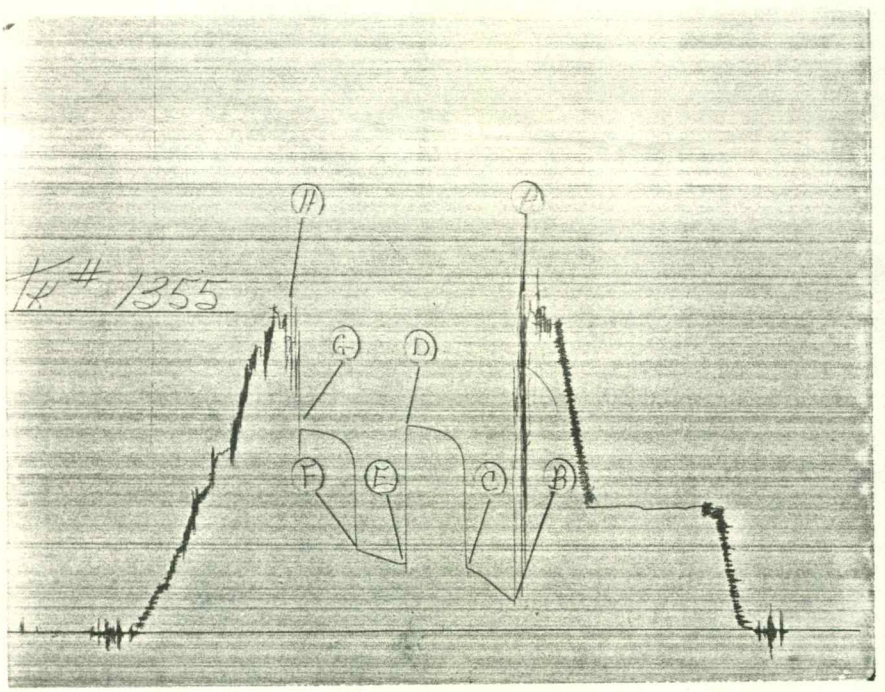
Recovered 630 Feet Of Gas Cut Wtry Mud W/Oil scum.

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Extra Equipment None Price of Job $400.00

COMPANY F. & M. OIL CO., INC. LEASE AND WELL NO. DRURY #1 SEC. 12 TWP. 7S RGE. 23W TEST NO. 1 DATE 8-18



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading
(A)	Initial Hydrostatic Mud	1844	PSI
(B)	First Initial Flow Pressure	153	PSI
(C)	First Final Flow Pressure	357	PSI
(D)	Initial Closed-in Pressure	1182	PSI
(E)	Second Initial Flow Pressure	367	PSI
(F)	Second Final Flow Pressure	459	PSI
(G)	Final Closed-in Pressure	1161	PSI
(H)	Final Hydrostatic Mud	1834	PSI

CHENEY TESTING COMPANY

P. O. BOX 3 HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	F. & M. Oil Co., Inc.	Test No.	2
Well Name & Number	Drury #1	Zone Tested	K.C.
Company Address	505 Union Center, Wichita, Kan.	Date	8-18-78
Comp. Rep.	Glenn Tracy	Tester	Kirk Cheney
Contractor	Abercrombie Drlg. Inc.	Elevation	
Location: Sec. 12 Twp. 7S Rge. 23W	Co. Graham State Kan.	Est. Feet of Pay	

Recorder No. 7370 Type A-K1 Range 4050 PSI

Recorder Depth 3737

(A) Initial Hydrostatic Mud 1905 PSI

(B) First Initial Flow Pressure 102 PSI

(C) First Final Flow Pressure 459 PSI

(D) Initial Closed-in Pressure 1192 PSI

(E) Second Initial Flow Pressure 469 PSI

(F) Second Final Flow Pressure 653 PSI

(G) Final Closed-in Pressure 1172 PSI

(H) Final Hydrostatic Mud 1895 PSI

Temperature 108

Mud Weight 9.6 Viscosity 38

Fluid Loss 10.4 cc

Interval Tested 3714-3740

Anchor Length 26'

Top Packer Depth 3709

Bottom Packer Depth 3714

Total Depth 3740

Drill Pipe Size 4" F.H.

Wt. Pipe I. D. 2.25 Ft. Run 750

Recovery—Total Feet 1430

Recorder No. 7456 Type A-K1 Range 4150 PSI

Recorder Depth 3734

Tool Open Before I. S. I. 45 Mins.

Initial Shut-in 45 Mins.

Flow Period 45 Mins.

Final Shut-in 45 Mins.

Surface Choke Size 1"

Bottom Choke Size 3/4"

Main Hole Size 7 7/8"

Rubber Size 6 3/4"

Tool Open @ 6:45 P.M.

Blow Strong through-out

Remarks

Drill Collar I. D. Ft. Run

Recovered 1430 Feet Of Muddy Water w/oil spots on top.

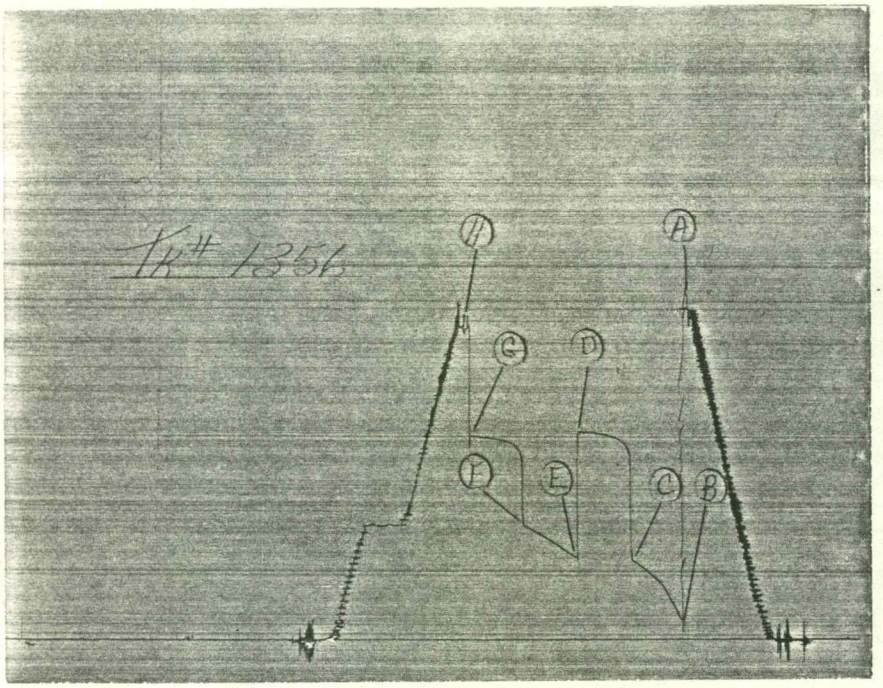
Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Extra Equipment Price of Job $400.00

COMPANY F. & M. OIL CO. INC. LEASE AND WELL NO. DRURY #1 SEC. 12 TWP. 7S RGE. 23W TEST NO. 2 DATE 8-18-



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	1905		PSI
(B)	First Initial Flow Pressure	102		PSI
(C)	First Final Flow Pressure	459		PSI
(D)	Initial Closed-in Pressure	1192		PSI
(E)	Second Initial Flow Pressure	469		PSI
(F)	Second Final Flow Pressure	653		PSI
(G)	Final Closed-in Pressure	1172		PSI
(H)	Final Hydrostatic Mud	1895		PSI

CHENEY TESTING COMPANY

P. O. BOX 3 HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	F. & M. Oil Co., Inc.	Test No.	3
Well Name & Number	Drury #1	Zone Tested	K.C.
Company Address	505 Union Center, Wichita, Kan.	Date	8-19-78
Comp. Rep.	Glenn Tracy	Tester	Kirk Cheney
Contractor	Abercrombie Drlg. Inc.	Elevation	
Location: Sec. 12 Twp. 7S Rge. 23W Co. Graham State Kan.		Est. Feet of Pay	

Recorder No. 7370 Type A-K1 Range 4050 PSI

Recorder Depth 3872

(A) Initial Hydrostatic Mud 1987 PSI

(B) First Initial Flow Pressure 112 PSI

(C) First Final Flow Pressure 316 PSI

(D) Initial Closed-in Pressure 1131 PSI

(E) Second Initial Flow Pressure 346 PSI

(F) Second Final Flow Pressure 438 PSI

(G) Final Closed-in Pressure 1121 PSI

(H) Final Hydrostatic Mud 1977 PSI

Temperature 109

Mud Weight 9.6 Viscosity 36

Fluid Loss 12.0 cc

Interval Tested 3740-3875

Anchor Length 135'

Top Packer Depth 3735

Bottom Packer Depth 3740

Total Depth 3875

Drill Pipe Size 4" F.H.

Wt. Pipe I. D. 2.25 Ft. Run 750

Recovery—Total Feet 821

Recovered 821 Feet Of Muddy water w/oil specks on top.

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Extra Equipment

Recorder No. 7456 Type A-K1 Range 4150 PSI

Recorder Depth 3869

Tool Open Before I. S. I. 45 Mins.

Initial Shut-in 45 Mins.

Flow Period 45 Mins.

Final Shut-in 45 Mins.

Surface Choke Size 1"

Bottom Choke Size 3/4"

Main Hole Size 7 7/8"

Rubber Size 6 3/4"

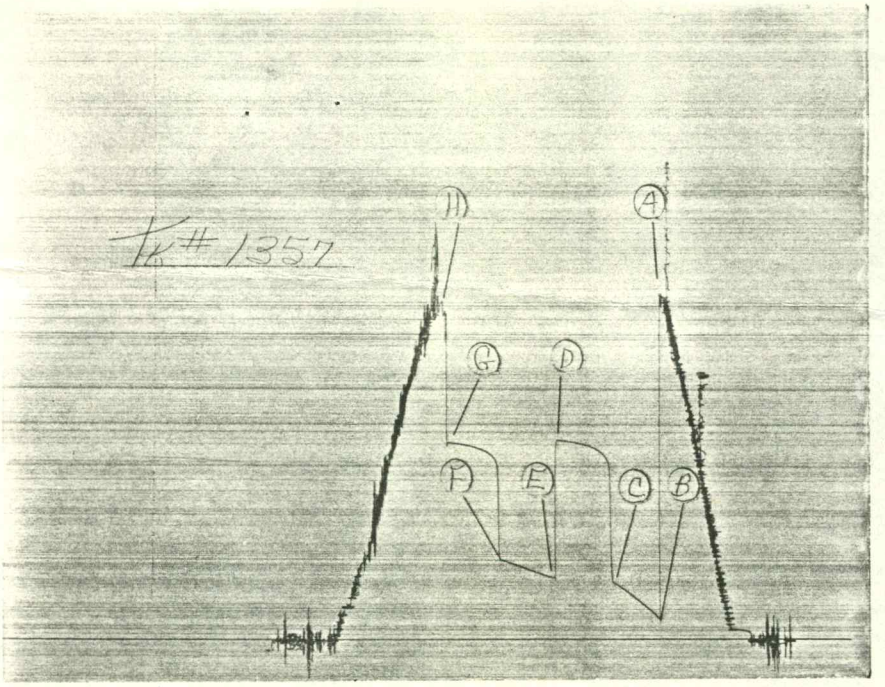
Tool Open @ 6:40 P.M.

Blow Strong through-out.

Remarks

Drill Collar I. D. Ft. Run

Price of Job $400.00



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	1987		PSI
(B)	First Initial Flow Pressure	112		PSI
(C)	First Final Flow Pressure	316		PSI
(D)	Initial Closed-in Pressure	1131		PSI
(E)	Second Initial Flow Pressure	346		PSI
(F)	Second Final Flow Pressure	438		PSI
(G)	Final Closed-in Pressure	1121		PSI
(H)	Final Hydrostatic Mud	1977		PSI

NY F. & M. OIL CO. INC. LEASE AND WELL NO. DRURY #1 SEC. 12 TWP. 7S RGE. 23W TEST NO. 3 DATE 8-19-78