15-065-22122-00-00

CHENEY TESTING COMPANY, INC.

P. O. Box 367 HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	Kenyon-Hardman Oil Company	Test No.	1
Well Name & Number	Kenyon A-1	Zone Tested	Kansas City "E&F"
Company Address	P.O. Box 112 Hill City, Ks.	Date	12/17/84
Company Rep.	J. Blain Hardman	Tester	BOB MOntgomery
Contractor	Emphasis OIl Operations	Elevation	2046 KB
Location: Sec. 7 Twp. 8s Rge. 21w Co. Graham State KS.		Est. Feet of Pay	

Recorder No. 13224 Type AK-1 Range 4150 PSI
Recorder Depth 3367 Clock # 30420

(A) Initial Hydrostatic Mud 1718 PSI
(B) First Initial Flow Pressure 69 PSI
(C) First Final Flow Pressure 182 PSI
(D) Initial Shut-in Pressure 1096 PSI
(E) Second Initial Flow Pressure 227 PSI
(F) Second Final Flow Pressure 316 PSI
(G) Final Shut-in Pressure 1010 PSI
(H) Final Hydrostatic Mud 1664 PSI

Temperature 103
Mud Weight 9.3 Viscosity 46
Fluid Loss 4.4
Interval Tested 3308-3375
Anchor Length 67
Top Packer Depth 3303
Bottom Packer Depth 3308
Total Depth 3375
Drill Pipe Size 4½ Xh
Wt. Pipe I. D. Ft. Run
Recovery-Total Feet 510
Recovered 90 Feet Of Mud in pipe.
Recovered 240 Feet Of Muddy water.
Recovered 180 Feet Of Watery Mud.
Recovered Feet Of
Recovered Feet Of
Recovered Feet Of

Recorder No. 133804 Type AK-1 Range 4350 PSI
Recorder Depth 3370 Clock # 30891
Tool Open Before I.S.I. 30 Mins.
Initial Shut-in 45 Mins.
Flow Period 30 Mins.
Final Shut-in 45 Mins.
Top Choke Size 1" Hole Size 7 7/8"
Bottom Choke Size 3/4" Rubber Size 6 3/4"
Tool Open @ 10:36 PM

Blow Remarks: 1st open: Strong blow, off the bottom of the bucket in 5 minutes. ISI: Bled blow off, shut valve, no blow. 2nd open: Strong blow, of the bottom of the bucket in 7 minutes, blow did not decrease.

Recovery Chlorides: 4,500 ppm.
Pitmud Chlorides: 4,000 ppm.

Extra Equipment Down HOle Insurance. Price of Job $675.00

MILLER PRINTERS, INC.
Great Bend, Kansas

15-065-22122-00-00

CHENEY TESTING COMPANY, INC.

P. O. Box 367 HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company Kenyon-Hardman Oil Company	Test No. 2
Well Name & Number Kenyon A-1	Zone Tested Kansas City "K"
Company Address P.O. Box 112 Hill City, KS.	Date 12/18/84
Company Rep. J. BLain Hardman	Tester Bob Montgomery
Contractor Emphasis OIl Operations	Elevation 2046 KB
Location: Sec. 7 Twp. 8s Rge. 21w Co. Graham State KS.	Est. Feet of Pay

Recorder No. 13224 Type AK-1 Range 4150 PSI
Recorder Depth 3472 Clock # 30420

(A) Initial Hydrostatic Mud 1783 PSI
(B) First Initial Flow Pressure 92 PSI
(C) First Final Flow Pressure 92 PSI
(D) Initial Shut-in Pressure 785 PSI
(E) Second Initial Flow Pressure 92 PSI
(F) Second Final Flow Pressure 92 PSI
(G) Final Shut-in Pressure 623 PSI
(H) Final Hydrostatic Mud 1718 PSI

Temperature 104
Mud Weight 9.5 Viscosity 39
Fluid Loss 10.4
Interval Tested 3408-3480
Anchor Length 72
Top Packer Depth 3403
Bottom Packer Depth 3408
Total Depth 3480
Drill Pipe Size 4½ XH
Wt. Pipe I. D. Ft. Run
Recovery-Total Feet 20
Recovered 20 Feet Of Mud with some oil specks in the top of the tool.
Recovered Feet Of
Recovered Feet Of
Recovered Feet Of
Recovered Feet Of
Recovered Feet Of

Recorder No. 13804 Type AK-1 Range 4350 PSI
Recorder Depth 3475 Clock # 30891
Tool Open Before I.S.I. 30 Mins.
Initial Shut-in 45 Mins.
Flow Period 30 Mins.
Final Shut-in 45 Mins.
Top Choke Size 1" Hole Size 7 7/8"
Bottom Choke Size 3/4" Rubber Size 6 3/4"
Tool Open @ 4:41 PM

Blow Remarks 1st open: Weak blow, building to 3/4 inch in the bucket, blow died to ½ inch in the bucket.
ISI: Bled off the blow, & it did not return.
2nd open: Very weak blow, died in 2 minutes

Extra Equipment Down HOle Insurance. Price of Job $675.00

MILLER PRINTERS, INC.
Great Bend, Kansas