# CHENEY TESTING COMPANY, INC.

P. O. Box 367 HILL CITY, KANSAS 67642

## DRILL-STEM TEST DATA

| | |
|---|---|
| Company Sunburst Exploration Co. Inc. | Test No. 1 |
| Well Name & Number Mellow #1 | Zone Tested Lansing H,I,J |
| Company Address 112 Corporate Place, Wichita, Kansas | Date 5-13-85 |
| Company Rep. Bob Mathiesen | Tester Gary Pevoteaux |
| Contractor Blue Goose Drilling Com. | Elevation 3000 K.B. |
| Location: Sec. 8 Twp. 11s Rge. 31w Co. Gove State Kansas | Est. Feet of Pay |

Recorder No. 13638 Type AK-1 Range 4675 PSI

Recorder Depth 4195 Clock # 30420

(A) Initial Hydrostatic Mud 2055 PSI

(B) First Initial Flow Pressure 22 PSI

(C) First Final Flow Pressure 22 PSI

(D) Initial Shut-in Pressure 347 PSI

(E) Second Initial Flow Pressure 25 PSI

(F) Second Final Flow Pressure 27 PSI

(G) Final Shut-in Pressure 321 PSI

(H) Final Hydrostatic Mud 2020 PSI

Temperature 114°F.

Mud Weight 9.3 Viscosity 52

Fluid Loss 10.0

Interval Tested 4188-4270

Anchor Length 82'

Top Packer Depth 4183

Bottom Packer Depth 4188

Total Depth 4270

Drill Pipe Size 4½ X.H.

Wt. Pipe I. D. ____ Ft. Run ____

Recovery-Total Feet 20

Recovered 20 Feet Of Drilling Mud.

Recovered ____ Feet Of ____

Recovered ____ Feet Of ____

Recovered ____ Feet Of ____

Recovered ____ Feet Of ____

Recovered ____ Feet Of ____

Extra Equipment Safety Joint

Recorder No. 13639 Type AK-1 Range 4675 PSI

Recorder Depth 4200 Clock # 19127

Tool Open Before I.S.I. ____ Mins.

Initial Shut-in ____ Mins.

Flow Period ____ Mins.

Final Shut-in ____ Mins.

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

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

Tool Open @ 5:00 P.M.

Blow Remarks

1st Open- Weak Blow Dead In 15 Minutes.

2nd Open- No Blow, Flushed Tool 10 Minutes Into Open.

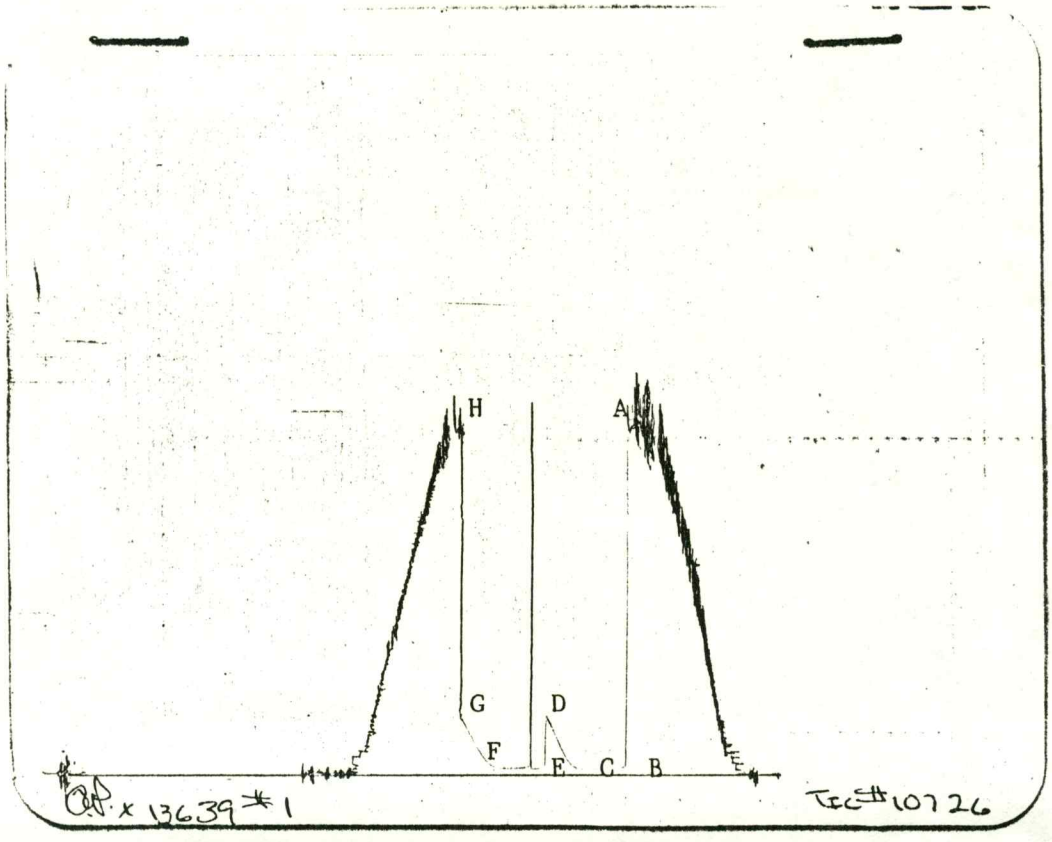
Well Chlorides- 1,000 PPM

Recovery Chlorides- 1,200 PPM

Drill Collars I.D.-2.25 Ft. Run- 306'

Price of Job $735.00

8-11s-31w SE-NE-NE




This is an actual photograph of recorder chart.

| POINT | | PRESSURE Field Reading | Office Reading | |
|---|---|---|---|---|
| (A) | Initial Hydrostatic Mud | 2055 | | PSI |
| (B) | First Initial Flow Pressure | 22 | | PSI |
| (C) | First Final Flow Pressure | 22 | | PSI |
| (D) | Initial Closed-in Pressure | 347 | | PSI |
| (E) | Second Initial Flow Pressure | 25 | | PSI |
| (F) | Second Final Flow Pressure | 27 | | PSI |
| (G) | Final Closed-in Pressure | 321 | | PSI |
| (H) | Final Hydrostatic Mud | 2020 | | PSI |

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## DRILL-STEM TEST DATA

| | |
|---|---|
| Company Sunburst Exploration Co. Inc. | Test No. 2 |
| Well Name & Number Mellow #1 | Zone Tested Lansing K & L |
| Company Address 112 Corporate Place, Wichita, Kansas | Date 5-14-85 |
| Company Rep. Bob Mathiesen | Tester Gary Pevoteaux |
| Contractor Blue Goose Drilling Co. | Elevation 3000 K.B. |
| Location: Sec. 8 Twp. 11s Rge. 31w Co. Gove State Kansas | Est. Feet of Pay |

Recorder No. 13638 Type AK-1 Range 4675 PSI

Recorder Depth 4337 Clock # 30420

(A) Initial Hydrostatic Mud 2060 PSI

(B) First Initial Flow Pressure 22 PSI

(C) First Final Flow Pressure 22 PSI

(D) Initial Shut-in Pressure 1276 PSI

(E) Second Initial Flow Pressure 22 PSI

(F) Second Final Flow Pressure 25 PSI

(G) Final Shut-in Pressure 1260 PSI

(H) Final Hydrostatic Mud 2020 PSI

Temperature 117

Mud Weight 9.2 Viscosity 40

Fluid Loss 9.8

Interval Tested 4267-4340

Anchor Length 73'

Top Packer Depth 4262

Bottom Packer Depth 4267

Total Depth 4340

Drill Pipe Size 4½ X.H.

Wt. Pipe I. D. _____ Ft. Run _____

Recovery-Total Feet 20

Recovered 20 Feet Of Drlg. Mud

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Extra Equipment Safety Joint

Recorder No. 13639 Type AK-1 Range 4675 PSI

Recorder Depth 4271 Clock # 19127

Tool Open Before I.S.I. _____ Mins.

Initial Shut-in _____ Mins.

Flow Period _____ Mins.

Final Shut-in _____ Mins.

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

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

Tool Open @ 10:30 A.M.

Blow Remarks

1st Open- Weak To Very Weak Blow.

2nd Open- No Blow, Flushed Tool 10 Minutes

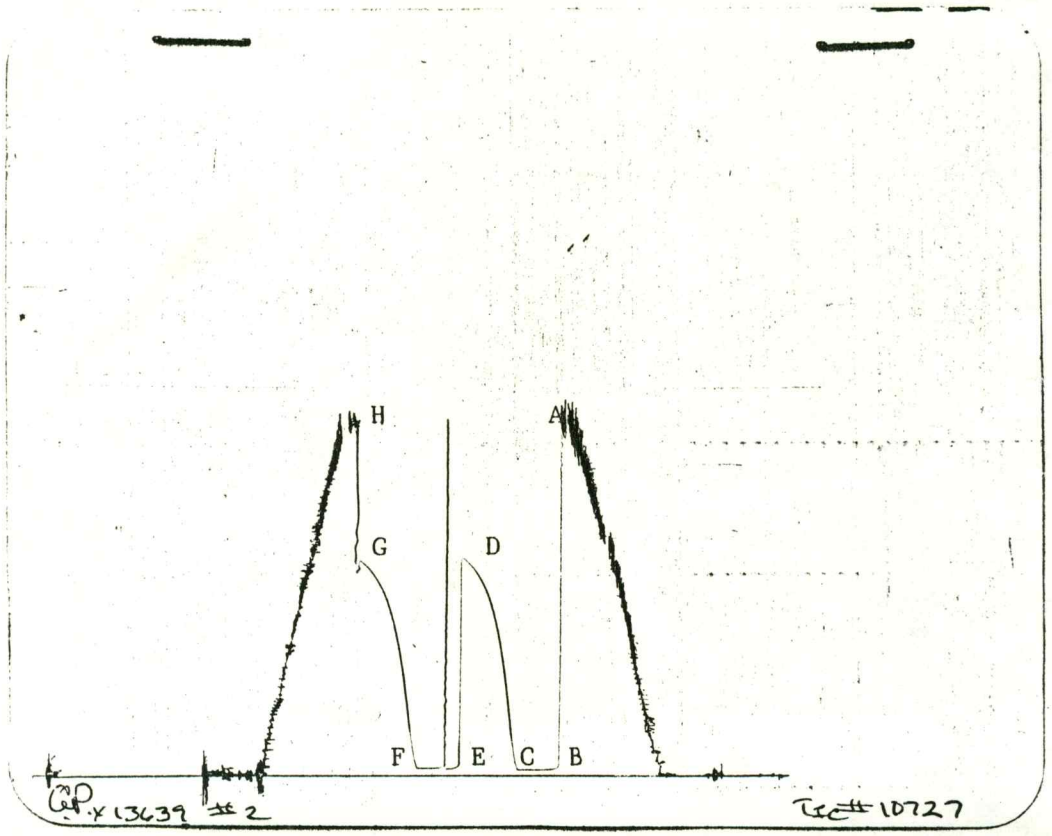
Into Open.

Well Chlorides- 800 PPM

Recovery Chlorides- 1,000 PPM

Drill Collars I.D.- 2.25 Ft. Run-306'

Price of Job $735.00




This is an actual photograph of recorder chart.

| POINT | | PRESSURE Field Reading | Office Reading | |
|---|---|---|---|---|
| (A) | Initial Hydrostatic Mud | 2060 | | PSI |
| (B) | First Initial Flow Pressure | 22 | | PSI |
| (C) | First Final Flow Pressure | 22 | | PSI |
| (D) | Initial Closed-in Pressure | 1276 | | PSI |
| (E) | Second Initial Flow Pressure | 22 | | PSI |
| (F) | Second Final Flow Pressure | 25 | | PSI |
| (G) | Final Closed-in Pressure | 1260 | | PSI |
| (H) | Final Hydrostatic Mud | 2020 | | PSI |

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## DRILL-STEM TEST DATA

| | | | |
|---|---|---|---|
| Company | Sunburst Exploration Co. Inc. | Test No. | 3 |
| Well Name & Number | Mellon #1 | Zone Tested | Ft. Scott/Johnson |
| Company Address | 112 Corporate Place, Wichita, Kansas | Date | 5-15-85 |
| Company Rep. | Bob Mathiesen | Tester | Gary Pevoteaux |
| Contractor | Blue Goose Drilling Co. | Elevation | 3000 K.B. |
| Location: Sec. 8 Twp. 11s Rge. 31w Co. Gove State Kansas | | Est. Feet of Pay | |

Recorder No. 13638 Type AK-1 Range 4675 PSI

Recorder Depth 4530 Clock # 30420

(A) Initial Hydrostatic Mud 2266 PSI

(B) First Initial Flow Pressure 29 PSI

(C) First Final Flow Pressure 29 PSI

(D) Initial Shut-in Pressure 93 PSI

(E) Second Initial Flow Pressure 29 PSI

(F) Second Final Flow Pressure 31 PSI

(G) Final Shut-in Pressure 79 PSI

(H) Final Hydrostatic Mud 2252 PSI

Temperature 121

Mud Weight 9.4 Viscosity 47

Fluid Loss 9.4

Interval Tested 4526-4640

Anchor Length 114

Top Packer Depth 4521

Bottom Packer Depth 4526

Total Depth 4650

Drill Pipe Size 4½ X.H.

Wt. Pipe I. D. Ft. Run

Recovery-Total Feet 25

Recovered 25 Feet Of Drilling Mud.

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Extra Equipment Safety Joint

Recorder No. 13639 Type AK-1 Range 4675 PSI

Recorder Depth 4535 Clock # 19127

Tool Open Before I.S.I. Mins.

Initial Shut-in Mins.

Flow Period Mins.

Final Shut-in Mins.

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

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

Tool Open @ 10:45 P.M.

Blow Remarks

1st Open- Weak Blow. Dead In 20 Minutes.

2nd Open- No Blow, Flushed Tool 10 Minutes

Into Open.

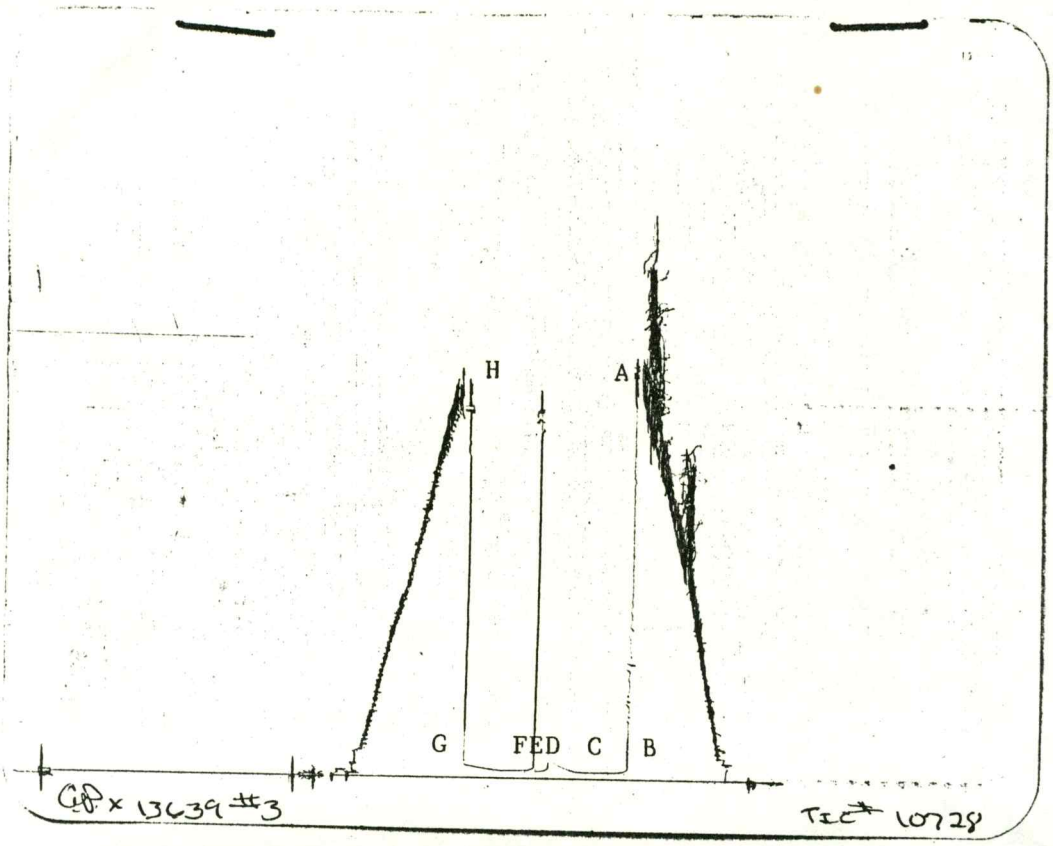
Well Chlorides- 1,000 PPM

Recovery Chlorides- 1,300 PPM

Drill Collars I.D.-2.25 Ft. Run-306

Price of Job $735.00

SE-NE-NE




This is an actual photograph of recorder chart.

| POINT | | PRESSURE Field Reading | Office Reading | |
|---|---|---|---|---|
| (A) | Initial Hydrostatic Mud | 2266 | | PSI |
| (B) | First Initial Flow Pressure | 29 | | PSI |
| (C) | First Final Flow Pressure | 29 | | PSI |
| (D) | Initial Closed-in Pressure | 93 | | PSI |
| (E) | Second Initial Flow Pressure | 29 | | PSI |
| (F) | Second Final Flow Pressure | 31 | | PSI |
| (G) | Final Closed-in Pressure | 79 | | PSI |
| (H) | Final Hydrostatic Mud | 2252 | | PSI |