



TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name HOMSHER 3-33 Test No. 1 Date 9/7/94
 Company HUGOTON ENERGY CORP Zone MARMATON
 Address 229 E WILLIAM #500 WICHITA KS 67202 Elevation 2950
 Co. Rep./Geo. KARL OSTERBUHR Cont. VAL RIG #2 Est. Ft. of Pay 9
 Location: Sec. 33 Twp. 30S Rge. 33W Co. HASKELL State KS

Interval Tested 4757-4800 Drill Pipe Size 4.5" XH
 Anchor Length 43 Wt. Pipe I.D. - 2.7 Ft. Run _____
 Top Packer Depth 4752 Drill Collar - 2.25 Ft. Run 120
 Bottom Packer Depth 4757 Mud Wt. 8.9 lb/Gal.
 Total Depth 4800 Viscosity 45 Filtrate 8.8

Tool Open @ 7:48 P.M. Initial Blow OFF BOTTOM IN 15 SEC-GAS TO SURFACE 2 MIN-OIL MIST 11

Final Blow OFF BOTTOM IN 5 SEC-OIL MIST 4 MIN-23 PSI ON 1 1/2 ORIFICE=2140 MC

Recovery - Total Feet 60 Flush Tool? NO

Rec. 4670 Feet of GAS IN PIPE
 Rec. 60 Feet of OIL 100%OIL
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____

BHT 119 °F Gravity 47 °API @ 70 °F Corrected Gravity 46 °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 1900 ppm System

(A) Initial Hydrostatic Mud 2277.1 PSI AK1 Recorder No. 11057 Range 4500

(B) First Initial Flow Pressure 1043.7 PSI @ (depth) 4762 w / Clock No. 25108

(C) First Final Flow Pressure 1043.7 PSI AK1 Recorder No. 11058 Range 4508

(D) Initial Shut-in Pressure 1422.6 PSI @ (depth) 4795 w / Clock No. 21048

(E) Second Initial Flow Pressure 1032.5 PSI AK1 Recorder No. _____ Range _____

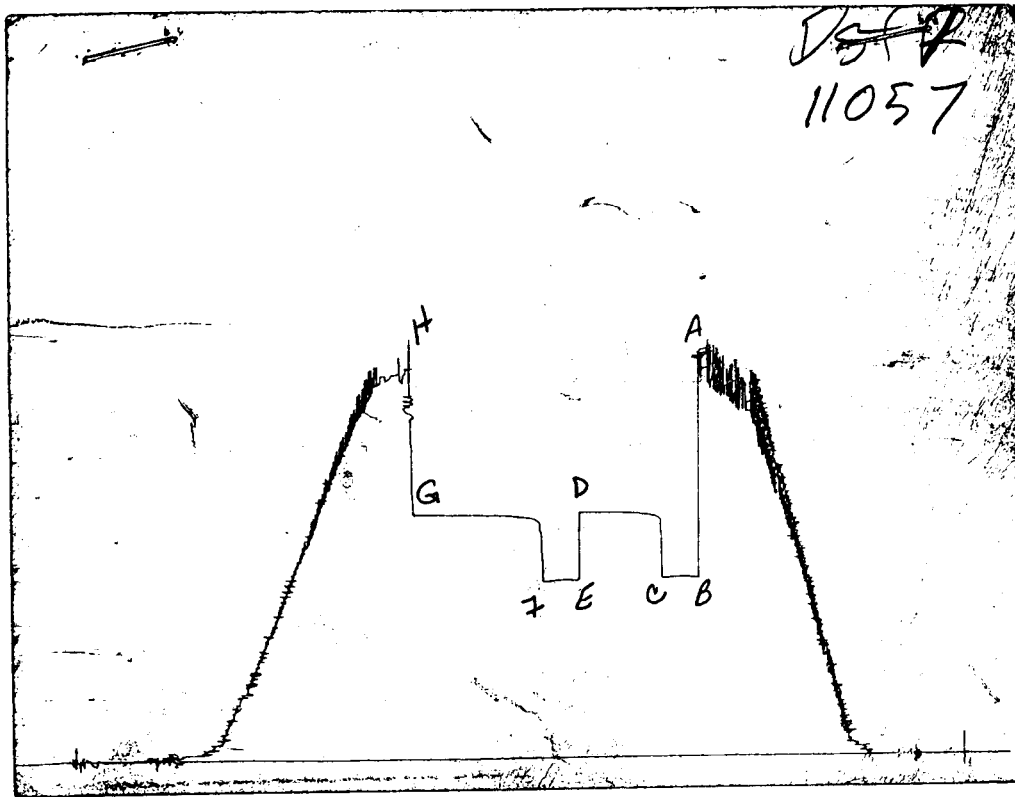
(F) Second Final Flow Pressure 1032.5 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 1419.2 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 2244.3 PSI Initial Shut-in 60 Final Shut-in 90

Our Representative MARK HERSKOWITZ

CHART PAGE



This is an actual photograph of recorder chart 11057

| | FIELD READING | OFFICE READING |
|----------------------------------|------------------|-------------------|
| (A) INITIAL HYDROSTATIC MUD | 2242 | 2277.1 |
| (B) FIRST INITIAL FLOW PRESSURE | 1029 | 1043.7 |
| (C) FIRST FINAL FLOW PRESSURE | 1029 | 1043.7 |
| (D) INITIAL CLOSED-IN PRESSURE | 1410 | 1422.6 |
| (E) SECOND INITIAL FLOW PRESSURE | 1029 | 1032.5 |
| (F) SECOND FINAL FLOW PRESSURE | 1029 | 1032.5 |
| (G) FINAL CLOSED-IN PRESSURE | 1410 | 1419.2 |
| (H) FINAL HYDROSTATIC MUD | 2219 | 2244.3 |

GAS VOLUME REPORT

HUGOTON ENERGY CORP

HOMSHER 3-33

DST # 1

| MIN | PSIG | ORIFICE | MCF/D | MIN | WATER | ORIFICE | MCF/D |
|-----|------|---------|-------|-----|-------|---------|-------|
| 5 | 18 | 1.5 | 1824 | 5 | 21 | 1.5 | 2012 |
| 10 | 23 | 1.5 | 2140 | 10 | 23 | 1.5 | 2140 |
| 15 | 23 | 1.5 | 2140 | 15 | 23 | 1.5 | 2140 |
| 20 | 23 | 1.5 | 2140 | 20 | 23 | 1.5 | 2140 |
| 25 | 23 | 1.5 | 2140 | 25 | 23 | 1.5 | 2140 |
| 30 | 23 | 1.5 | 2140 | 30 | 23 | 1.5 | 2140 |

GAS TO SURFACE IN 2 MIN-OIL MIST 1
11 MIN

OIL MIST
4 MIN

Remarks:

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name HOMSHER 3-33 Test No. 2 Date 9/10/94
Company HUGOTON ENERGY CORP Zone CHESTER
Address 229 E WILLIAM #500 WICHITA KS 67202 Elevation 2950
Co. Rep./Geo. KARL OSTERBUHR Cont. VAL RIG #2 Est. Ft. of Pay _____
Location: Sec. 33 Twp. 30S Rge. 33W Co. HASKELL State KS

Interval Tested 5333-5378 Drill Pipe Size 4.5" XH
Anchor Length 45 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 4328 Drill Collar - 2.25 Ft. Run 584
Bottom Packer Depth 5333 Mud Wt. 9.1 lb/Gal.
Total Depth 5378 Viscosity 58 Filtrate 8.8

Tool Open @ 10:38 A.M. ^{Initial} ~~Blow~~ WEAK SURFACE TO 1/2" IN 10 MIN-DIES OFF TO NO BLOW IN

Final Blow NO BLOW

Recovery - Total Feet 40 Flush Tool? NO

Rec. 40 Feet of SLIGHT OIL SPECKED MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 128 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 2100 ppm System

(A) Initial Hydrostatic Mud 2669.6 PSI AK1 Recorder No. 11057 Range 4500

(B) First Initial Flow Pressure 35.8 PSI @ (depth) 5338 w / Clock No. 25108

(C) First Final Flow Pressure 35.8 PSI AK1 Recorder No. 11058 Range 4500

(D) Initial Shut-in Pressure 56.0 PSI @ (depth) 5373 w / Clock No. 21048

(E) Second Initial Flow Pressure 38.1 PSI AK1 Recorder No. _____ Range _____

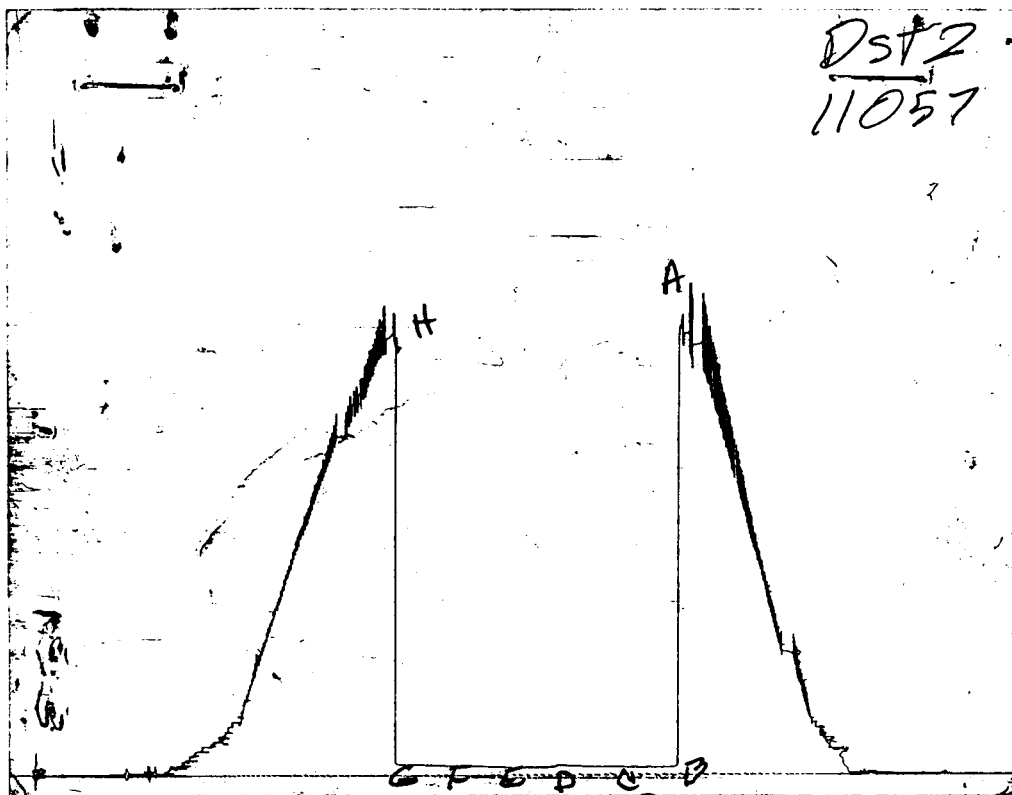
(F) Second Final Flow Pressure 38.1 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 62.7 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 2654.9 PSI Initial Shut-in 60 Final Shut-in 90

Our Representative MARK HERSKOWITZ

CHART PAGE



This is an actual photograph of recorder chart 11057

| | FIELD READING | OFFICE READING |
|----------------------------------|------------------|-------------------|
| (A) INITIAL HYDROSTATIC MUD | 2671 | 2669.6 |
| (B) FIRST INITIAL FLOW PRESSURE | 33 | 35.8 |
| (C) FIRST FINAL FLOW PRESSURE | 33 | 35.8 |
| (D) INITIAL CLOSED-IN PRESSURE | 56 | 56 |
| (E) SECOND INITIAL FLOW PRESSURE | 33 | 38.1 |
| (F) SECOND FINAL FLOW PRESSURE | 33 | 38.1 |
| (G) FINAL CLOSED-IN PRESSURE | 67 | 62.7 |
| (H) FINAL HYDROSTATIC MUD | 2649 | 2654.9 |

NATURAL GAS ANALYSIS REPORT

Sampled by:
Trilobite Testing, L.L.C.
Hays, Kansas
Scott City, Kansas
Phone: 800-728-5369
Fax: 913-625-5620

Analyzed by:
Caraway Analytical, L.L.C.
728 North Roosevelt
Liberal, Kansas 67901
Phone: 316-324-5389
Fax: 316-626-7108

| | | | |
|--------------|--------------------|--------------|------------|
| Lab Number: | 940461 | Analyzed: | 09/09/94 |
| Sample From: | Homsher 3-33 DST 1 | Pressure: | |
| Producer: | Hugoton Energy | Temperature: | |
| Date: | 09/07/94 | Location: | 33-30S-33W |
| Time: | | County: | Haskell |
| Sampler: | | State: | Kansas |
| Source: | | Formation: | Marmaton |

| | Mole % | GPM |
|----------------|------------|-------|
| Helium | He: 0.460 | 0.000 |
| Oxygen | O2: 0.000 | 0.000 |
| Nitrogen | N2: 15.294 | 0.000 |
| Carbon Dioxide | CO2: 0.103 | 0.000 |
| Methane | C1: 71.240 | 0.000 |
| Ethane | C2: 6.325 | 1.692 |
| Propane | C3: 4.180 | 1.152 |
| Iso Butane | iC4: 0.478 | 0.156 |
| Normal Butane | nC4: 1.108 | 0.349 |
| Iso Pentane | iC5: 0.225 | 0.082 |
| Normal Pentane | nC5: 0.249 | 0.090 |
| Hexanes Plus | C6+: 0.338 | 0.147 |

TOTAL: 100.000 3.669
 Z Fact: 0.9975
 SP.GR.: 0.7304
 BTU (SAT): 1011.6 @ 14.73 psia
 BTU (DRY): 1029.5 @ 14.73 psia
 OCTANE RATING: 105.0

COMMENTS: 4757-4800
 2.140 MCF/D