

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name QUINTER #1 Test No. 1 Date 10/30/92
Company ANDERSON ENERGY INC Zone LKC
Address 200 E 1st #414 WICHITA KS 67202 Elevation 2816
Co. Rep./Geo. CHRIS PETERS Cont. WHITE & ELLIS RIG #9 Est. Ft. of Pay _____
Location: Sec. 10 Twp. 19S Rge. 29W Co. LANE State KS

Interval Tested 4079-4100 Drill Pipe Size 4.5" XH
Anchor Length 21 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 4074 Drill Collar - 2.25 Ft. Run _____
Bottom Packer Depth 4079 Mud Wt. 9.1 lb/Gal.
Total Depth 4100 Viscosity 44 Filtrate 10.5

Tool Open @ 11:40 PM ^{Initial} Blow WEAK BLOW DEAD IN 25 MINUTES

Final Blow WEAK BLOW DEAD IN 2 MINUTES/FLUSHED TOOL/RECEIVED
WEAK BLOW-DEAD IN 5 MINUTES

Recovery - Total Feet 20 Flush Tool? YES

Rec. 20 Feet of DRILLING MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 118 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 3000 ppm System

(A) Initial Hydrostatic Mud 1950.3 PSI AK1 Recorder No. 13337 Range 3975

(B) First Initial Flow Pressure 27.4 PSI @ (depth) 4082 w / Clock No. 25813

(C) First Final Flow Pressure 27.4 PSI AK1 Recorder No. 10332 Range 4025

(D) Initial Shut-in Pressure 995.6 PSI @ (depth) 4097 w / Clock No. 14389

(E) Second Initial Flow Pressure 27.4 PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure 29.6 PSI @ (depth) _____ w / Clock No. _____

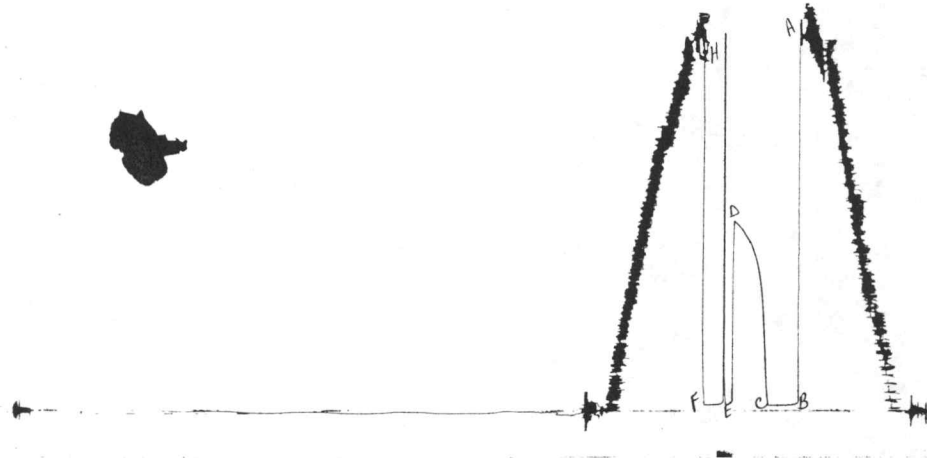
(G) Final Shut-in Pressure _____ PSI Initial Opening 30 Final Flow 10

(H) Final Hydrostatic Mud 1930.2 PSI Initial Shut-in 30 Final Shut-in 0

Our Representative JOHN RIEDL

CHART PAGE

10332



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1946	1950.3
(B) FIRST INITIAL FLOW PRESSURE	26	27.4
(C) FIRST FINAL FLOW PRESSURE	26	27.4
(D) INITIAL CLOSED-IN PRESSURE	990	995.6
(E) SECOND INITIAL FLOW PRESSURE	26	27.4
(F) SECOND FINAL FLOW PRESSURE	28	29.6
(G) FINAL CLOSED-IN PRESSURE		
(H) FINAL HYDROSTATIC MUD	1928	1930.2

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

No 5329

Test Ticket

QUINTEX #1

Well Name & No. ANDERSON ENERGY INC	Test No. 1	Date 10-30-92
Company ANDERSON ENERGY INC	Zone Tested LKC	
Address 200 E 1ST SUITE 414 WICHITA KS	Elevation 2816 G.C.	
Co. Rep./Geo. CHRIS PETERS	cont. WHITE + ELLIS #9	Est. Ft. of Pay -
Location: Sec. 10	Twp. 19S	Rge. 29W
Co. LANE	State KANSAS	
No. of Copies	Distribution Sheet Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Turnkey Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Evaluation

Interval Tested 4079-4100	Drill Pipe Size 4 1/2 IH
Anchor Length 21 FT	Top Choke - 1" Bottom Choke - 3/4"
Top Packer Depth 4074	Hole Size - 7 7/8" Rubber Size - 6 3/4"
Bottom Packer Depth 4079	Wt. Pipe I.D. - 2.7 Ft. Run - 0
Total Depth 4100	Drill Collar - 2.25 Ft. Run - 0
Mud Wt. 9.1 lb/gal	Viscosity 44 Filtrate 10.5
Tool Open @ 11:40 PM	Initial Blow WEAK BLOW DEAD IN 25 MINUTES

Final Blow WEAK BLOW DEAD IN 2 MINUTES FLUSHED TOOL TO RECEIVE WEAK BLOW DEAD IN 5 MINUTES

Recovery - Total Feet	Feet of Gas in Pipe 0	Flush Tool? YES		
Rec. Feet Of	%gas	%oil	%water	%mud
Rec. Feet Of	%gas	%oil	%water	%mud
Rec. Feet Of	%gas	%oil	%water	%mud
Rec. Feet Of	%gas	%oil	%water	%mud
Rec. Feet Of	%gas	%oil	%water	%mud

BHT 118 °F Gravity - °API @ - °F Corrected Gravity - °API
RW @ - °F Chlorides - ppm Recovery Chlorides 3000 ppm System

- (A) Initial Hydrostatic Mud 1946 PSI AK1 Recorder No. 13337 Range 3925
- (B) First Initial Flow Pressure 26 PSI @ (depth) 4082 w/Clock No. 25813
- (C) First Final Flow Pressure 26 PSI AK1 Recorder No. 10332 Range 4025
- (D) Initial Shut-in Pressure 990 PSI @ (depth) 4097 w/Clock No. 14329
- (E) Second Initial Flow Pressure 26 PSI AK1 Recorder No. - Range -
- (F) Second Final Flow Pressure 28 PSI @ (depth) - w/Clock No. -
- (G) Final Shut-in Pressure PSI Initial Opening 30 Test
- (H) Final Hydrostatic Mud 1928 PSI Initial Shut-in 30 Jars

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Final Flow 10 Safety Joint
Final Shut-in 0 Straddle
Circ. Sub
Sampler
Extra Packer
Other

Approved By 
Our Representative John Small

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name QUINTER #1 Test No. 2 Date 10/31/92
Company ANDERSON ENERGY INC Zone LKC-"J"
Address 200 E 1st #414 WICHITA KS 67202 Elevation 2816
Co. Rep./Geo. CHRIS PETERS Cont. WHITE & ELLIS RIG #9 Est. Ft. of Pay _____
Location: Sec. 10 Twp. 19S Rge. 29W Co. LANE State KS

Interval Tested 4268-4279 Drill Pipe Size 4.5" XH
Anchor Length 11 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 4263 Drill Collar - 2.25 Ft. Run _____
Bottom Packer Depth 4268 Mud Wt. 9.3 lb/Gal.
Total Depth 4279 Viscosity 48 Filtrate 10

Tool Open @ 9:10 PM Initial Blow WEAK BLOW - DEAD IN 25 MINUTES

Final Blow WEAK BLOW - DEAD IN 20 MINUTES

Recovery - Total Feet 8 Flush Tool? NO

Rec. 3 Feet of CLEAN OIL
Rec. 5 Feet of DRILLING MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 119 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 3000 ppm System

(A) Initial Hydrostatic Mud 2043.6 PSI AK1 Recorder No. 13337 Range 3975

(B) First Initial Flow Pressure 9.6 PSI @ (depth) 4271 w / Clock No. 25813

(C) First Final Flow Pressure 12.4 PSI AK1 Recorder No. 10332 Range 4025

(D) Initial Shut-in Pressure 161.2 PSI @ (depth) 4276 w / Clock No. 14389

(E) Second Initial Flow Pressure 15.6 PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure 15.6 PSI @ (depth) _____ w / Clock No. _____

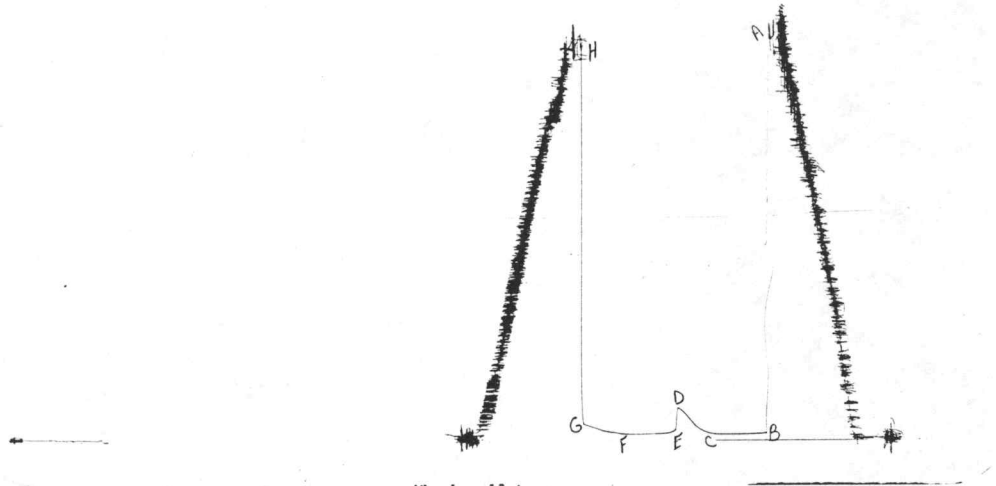
(G) Final Shut-in Pressure 60.4 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 2066.9 PSI Initial Shut-in 30 Final Shut-in 30

Our Representative JOHN RIEDL

CHART PAGE

10332



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2041	2043.6
(B) FIRST INITIAL FLOW PRESSURE	8	9.6
(C) FIRST FINAL FLOW PRESSURE	10	12.4
(D) INITIAL CLOSED-IN PRESSURE	158	161.2
(E) SECOND INITIAL FLOW PRESSURE	14	15.6
(F) SECOND FINAL FLOW PRESSURE	14	15.6
(G) FINAL CLOSED-IN PRESSURE	55	60.4
(H) FINAL HYDROSTATIC MUD	2065	2066.9

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 5330

Well Name & No. QUINTER #1 Test No. 2 Date 10-31-92
 Company ANDERSON ENERGY INC. Zone Tested LKC "J"
 Address 200 E 1ST SUITE 414 WICHITA KS Elevation 2816 G.L.
 Co. Rep./Geo. CHRIS PETERS cont. WHITE + ELLIS #9 Est. Ft. of Pay -
 Location: Sec. 10 Twp. 19S Rge. 29W Co. LANE State KANSAS
 No. of Copies _____ Distribution Sheet _____ Yes Turnkey _____ Yes Evaluation _____

Interval Tested 4268 - 4279 Drill Pipe Size 4 1/2 XH
 Anchor Length 11 FT Top Choke - 1" _____ Bottom Choke - 3/4" _____
 Top Packer Depth 4263 Hole Size - 7 7/8" _____ Rubber Size - 6 3/4" _____
 Bottom Packer Depth 4268 Wt. Pipe I.D. - 2.7 Ft. Run 0
 Total Depth 4279 Drill Collar - 2.25 Ft. Run 0
 Mud Wt. 9.3 lb/gal. Viscosity 48 Filtrate 10
 Tool Open @ 9:10 P.M. Initial Blow WEAK BLOW DEAD IN 25 MINUTES

Final Blow WEAK BLOW DEAD IN 20 MINUTES

Recovery - Total Feet	Feet of Gas in Pipe	Flush Tool?
Rec. <u>13</u> Feet Of <u>CLEAN OIL DRILLING MUD</u> %gas <u>100%</u> oil <u>0%</u> water <u>0%</u> mud <u>0%</u>		<u>NO</u>
Rec. <u>5</u> Feet Of <u>CLEAN OIL DRILLING MUD</u> %gas <u>100%</u> oil <u>0%</u> water <u>0%</u> mud <u>0%</u>		
Rec. _____ Feet Of _____ %gas _____ oil _____ water _____ mud _____		
Rec. _____ Feet Of _____ %gas _____ oil _____ water _____ mud _____		
Rec. _____ Feet Of _____ %gas _____ oil _____ water _____ mud _____		

BHT 119 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 3,600 ppm System

(A) Initial Hydrostatic Mud 2041 PSI AK1 Recorder No. 13337 Range 3975
 (B) First Initial Flow Pressure 8 PSI @ (depth) 4271 w/Clock No. 25813
 (C) First Final Flow Pressure 10 PSI AK1 Recorder No. 10332 Range 4025
 (D) Initial Shut-In Pressure 158 PSI @ (depth) 4276 w/Clock No. 14389
 (E) Second Initial Flow Pressure 14 PSI AK1 Recorder No. _____ Range _____
 (F) Second Final Flow Pressure 14 PSI @ (depth) _____ w/Clock No. _____
 (G) Final Shut-In Pressure 55 PSI Initial Opening 30 Test ✓
 (H) Final Hydrostatic Mud 2065 PSI Initial Shut-In 30 Jars _____

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Final Flow 30 Safety Joint _____
 Final Shut-In 30 Straddle _____
 Circ. Sub _____
 Sampler _____
 Extra Packer _____
 Other _____

Approved By [Signature]
 Our Representative John Ried

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name QUINTER #1 Test No. 3 Date 11/1/92
Company ANDERSON ENERGY INC Zone MARMATON"ALT
Address 200 E 1st #414 WICHITA KS 67202 Elevation 2816
Co. Rep./Geo. CHRIS PETERS Cont. WHITE & ELLIS RIG #9 Est. Ft. of Pay _____
Location: Sec. 10 Twp. 19S Rge. 29W Co. LANE State KS

Interval Tested 4369-4396 Drill Pipe Size 4.5" XH
Anchor Length 27 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 4364 Drill Collar - 2.25 Ft. Run _____
Bottom Packer Depth 4369 Mud Wt. 9.3 lb/Gal.
Total Depth 4394 Viscosity 51 Filtrate 10

Tool Open @ 6:45 PM Initial Blow WEAK BLOW DEAD IN 20 MINUTES

Final Blow WEAK BLOW DEAD IN 10 MINUTES/FLUSHED TOOL TO RECEIVE
WEAK BLOW-DEAD IN 6 MINUTES

Recovery - Total Feet 20 Flush Tool? YES

Rec. 20 Feet of VERY SLTLY OIL CUT MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 123 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 3000 ppm System

(A) Initial Hydrostatic Mud 2144.6 PSI AK1 Recorder No. 13337 Range 3975

(B) First Initial Flow Pressure 15.6 PSI @ (depth) 4372 w / Clock No. 25813

(C) First Final Flow Pressure 15.6 PSI AK1 Recorder No. 10332 Range 4025

(D) Initial Shut-in Pressure 83.9 PSI @ (depth) 4391 w / Clock No. 14389

(E) Second Initial Flow Pressure 15.6 PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure 22.4 PSI @ (depth) _____ w / Clock No. _____

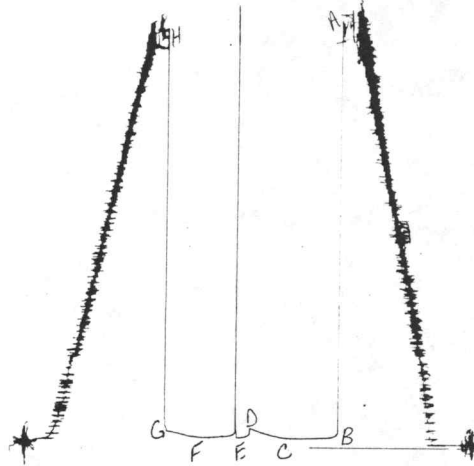
(G) Final Shut-in Pressure 65.4 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 2125.9 PSI Initial Shut-in 30 Final Shut-in 30

Our Representative JOHN RIEDL

CHART PAGE

10332



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2140	2144.6
(B) FIRST INITIAL FLOW PRESSURE	14	15.6
(C) FIRST FINAL FLOW PRESSURE	14	15.6
(D) INITIAL CLOSED-IN PRESSURE	80	83.9
(E) SECOND INITIAL FLOW PRESSURE	14	15.6
(F) SECOND FINAL FLOW PRESSURE	20	22.4
(G) FINAL CLOSED-IN PRESSURE	60	65.4
(H) FINAL HYDROSTATIC MUD	2122	2125.9

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 5331

Well Name & No. <u>QUINTER #1</u>	Test No. <u>3</u>	Date <u>11-1-92</u>
Company <u>ANDERSON ENERGY INC</u>	Zone Tested <u>MARMATON ALTA</u>	
Address <u>200 E 1ST SUITE 414 WICHITA KS 67202</u>	Elevation <u>2816 G.C.</u>	
Co. Rep./Geo. <u>CHRIS PETERS</u>	cont. <u>WHITE & ELLIS #9</u>	Est. Ft. of Pay <u>←</u>
Location: Sec. <u>10</u>	Twp. <u>19S</u>	Rge. <u>29W</u> Co. <u>LANE</u> State <u>KANSAS</u>
No. of Copies _____	Distribution Sheet _____	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Turnkey _____
		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Evaluation _____

Interval Tested <u>4369 - 4396</u>	Drill Pipe Size <u>4 1/2 XH</u>
Anchor Length <u>27 FT</u>	Top Choke — 1" _____ Bottom Choke — 3/4" _____
Top Packer Depth <u>4864</u>	Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
Bottom Packer Depth <u>4369</u>	Wt. Pipe I.D. — 2.7 Ft. Run <u>0</u>
Total Depth <u>4394</u>	Drill Collar — 2.25 Ft. Run <u>0</u>
Mud Wt. <u>9.3</u> lb/gal.	Viscosity <u>51</u> Filtrate <u>10</u>
Tool Open @ <u>6:45 PM</u>	Initial Blow <u>WEAK BLOW DEAD IN 20 MINUTES</u>

Final Blow WEAK BLOW DEAD IN 10 MINUTES; FLUSHED TOOL TO RECEIVE WEAK BLOW DEAD IN 6 MINUTES.

Recovery — Total Feet <u>20</u>	Feet of Gas in Pipe <u>0</u>	Flush Tool? <u>YES</u>
Rec. <u>20</u> Feet Of <u>VS OIL CUT MUD</u>	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	

BHT 123 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 3,000 ppm System

(A) Initial Hydrostatic Mud <u>2140</u>	PSI Ak1 Recorder No. <u>13337</u>	Range <u>3975</u>
(B) First Initial Flow Pressure <u>14</u>	PSI @ (depth) <u>4372</u>	w/Clock No. <u>25813</u>
(C) First Final Flow Pressure <u>14</u>	PSI AK1 Recorder No. <u>10332</u>	Range <u>4025</u>
(D) Initial Shut-In Pressure <u>80</u>	PSI @ (depth) <u>4391</u>	w/Clock No. <u>14389</u>
(E) Second Initial Flow Pressure <u>14</u>	PSI AK1 Recorder No. _____	Range _____
(F) Second Final Flow Pressure <u>20</u>	PSI @ (depth) _____	w/Clock No. _____
(G) Final Shut-In Pressure <u>60</u>	PSI Initial Opening <u>30</u>	Test <u>✓</u>
(H) Final Hydrostatic Mud <u>2122</u>	PSI Initial Shut-In <u>30</u>	Jars _____

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Final Flow 30 Safety Joint _____
Final Shut-In 30 Straddle _____
Circ. Sub _____
Sampler _____
Extra Packer _____
Other _____

Approved By [Signature]

Our Representative [Signature]

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name QUINTER #1 Test No. 4 Date 11/2/92
Company ANDERSON ENERGY INC Zone MARMATON"ALT
Address 200 E 1st #414 WICHITA KS 67202 Elevation 2816
Co. Rep./Geo. CHRIS PETERS Cont. WHITE & ELLIS RIG #9 Est. Ft. of Pay 4
Location: Sec. 10 Twp. 19S Rge. 29W Co. LANE State KS

Interval Tested 4424-4436 Drill Pipe Size 4.5" XH
Anchor Length 12 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 4419 Drill Collar - 2.25 Ft. Run _____
Bottom Packer Depth 4424 Mud Wt. 9.3 lb/Gal.
Total Depth 4436 Viscosity 51 Filtrate 10

Tool Open @ 10:15 AM Initial Blow STRONG BLOW-BOTTOM OF BUCKET IN 4 MINUTES
SHUT IN-BLOW BACK TO 3"
Final Blow STRONG BLOW-BOTTOM OF BUCKET IN 28 MINUTES
SHUT IN-BLOW BACK TO 1"

Recovery - Total Feet 520/150GIP Flush Tool? NO

Rec. 30 Feet of CLEAN GASSY OIL-20%GAS/80%OIL
Rec. 60 Feet of GAS & WTR CUT MUDDY OIL-10%GAS/35%OIL/20%WTR/35%MUD
Rec. 60 Feet of GAS & OIL CUT MUDDY WTR-5%GAS/10%OIL/50%WTR/35%MUD
Rec. 60 Feet of SLTLY OIL CUT WTR-2%OIL/98%WTR
Rec. 310 Feet of WATER

BHT 137 °F Gravity 35 °API @ 60 °F Corrected Gravity 35 °API
RW 0.4 @ 55 °F Chlorides 22000 ppm Recovery Chlorides 4000 ppm System

(A) Initial Hydrostatic Mud 2170.9 PSI AK1 Recorder No. 13337 Range 3975

(B) First Initial Flow Pressure 46.4 PSI @ (depth) 4427 w / Clock No. 25813

(C) First Final Flow Pressure 185.7 PSI AK1 Recorder No. 10332 Range 4025

(D) Initial Shut-in Pressure 240.6 PSI @ (depth) 4433 w / Clock No. 14389

(E) Second Initial Flow Pressure 210.5 PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure 240.6 PSI @ (depth) _____ w / Clock No. _____

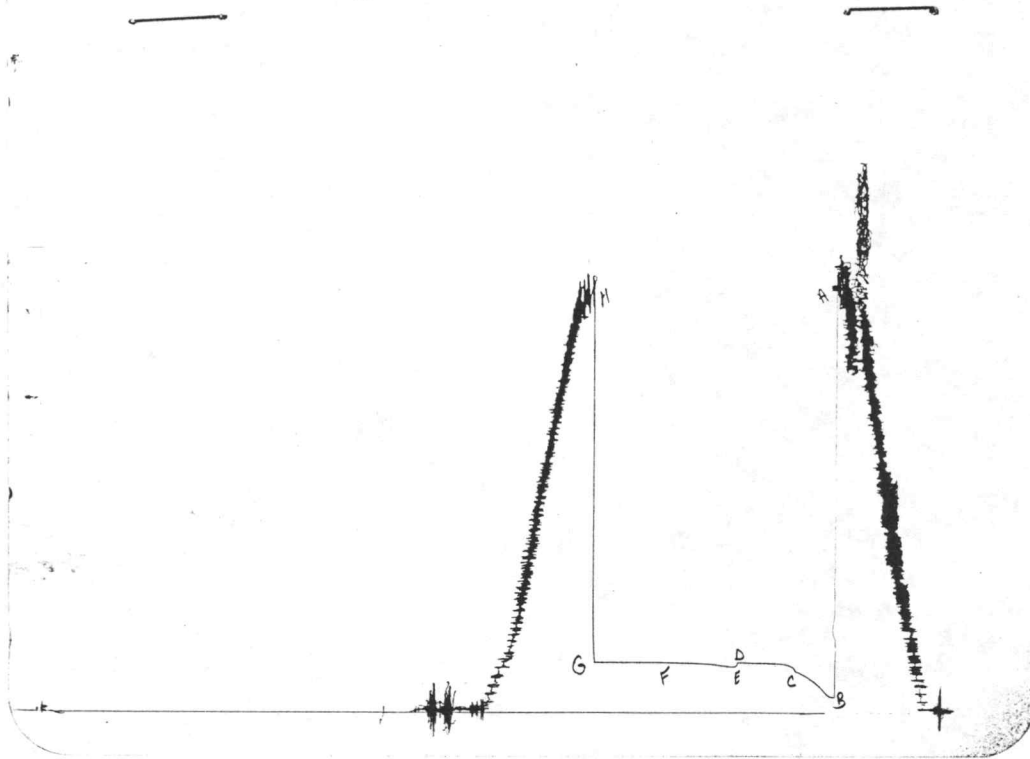
(G) Final Shut-in Pressure 240.6 PSI Initial Opening 30 Final Flow 45

(H) Final Hydrostatic Mud 2155.7 PSI Initial Shut-in 45 Final Shut-in 60

Our Representative JOHN RIEDL

CHART PAGE

RSC 10332

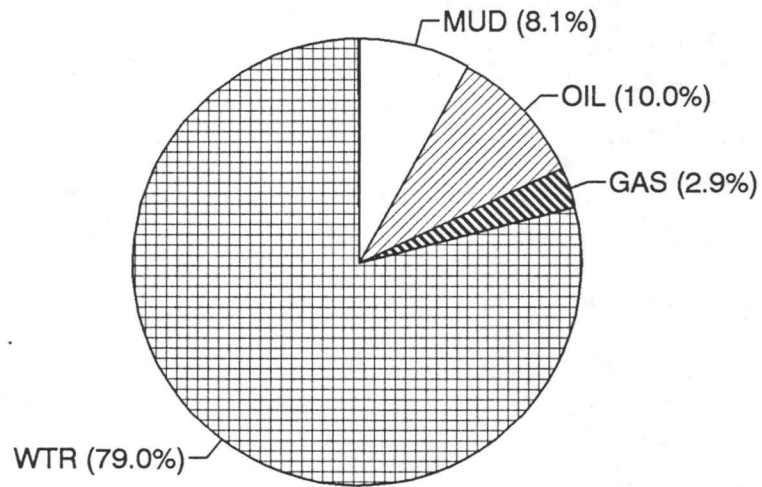


This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2164	2170.9
(B) FIRST INITIAL FLOW PRESSURE	44	46.4
(C) FIRST FINAL FLOW PRESSURE	184	185.7
(D) INITIAL CLOSED-IN PRESSURE	238	240.6
(E) SECOND INITIAL FLOW PRESSURE	208	210.5
(F) SECOND FINAL FLOW PRESSURE	238	240.6
(G) FINAL CLOSED-IN PRESSURE	238	240.6
(H) FINAL HYDROSTATIC MUD	2150	2155.7

DST #	CALCULATED RECOVERY ANALYSIS					DRILL	PIPE		
	4	TICKET					5332		
SAMPLE #	TOTAL FEET	GAS %	FEET	OIL %	FEET	WATER %	FEET	MUD %	FEET
1	30	20	6	80	24	0	0	0	0
2	60	10	6	35	21	20	12	35	21
3	60	5	3	10	6	50	30	35	21
4	60	0	0	2	1.2	98	58.8	0	0
5	310	0	0	0	0	100	310	0	0
TOTAL	520	2.8846154	15	10	52.2	79	410.8	8.08	42

		HRS	BBL/DAY
BBL OIL=	0.742284	*	1.25 14.252
BBL WATER=	5.841576	*	112.16
BBL MUD=	0.59724		
BBL GAS	0.2133		



TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 5332

Well Name & No. QUINTER #1 Test No. 4 Date 11-2-92
 Company ANDERSON ENERGY INC. Zone Tested MARMATON "ALT B"
 Address 200 E 1ST SUITE 414 WICHITA KS 67202 Elevation 2316 G.L.
 Co. Rep./Geo. CHRIS PETERS Cont. WHITE & ELLIS #9 Est. Ft. of Pay 4'
 Location: Sec. 10 Twp. 19S Rge. 29W Co. LANE State KANSAS
 No. of Copies _____ Distribution Sheet _____ Yes _____ No _____ Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested 4424-4436 Drill Pipe Size 4 1/2 X 11
 Anchor Length 12 FT Top Choke — 1" _____ Bottom Choke — 3/4" _____
 Top Packer Depth 4419 Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
 Bottom Packer Depth 4424 Wt. Pipe I.D. — 2.7 Ft. Run 0
 Total Depth 4436 Drill Collar — 2.25 Ft. Run 0
 Mud Wt. 9.3 lb/gal. Viscosity 51 Filtrate 10

Tool Open @ 10:15 A.M. Initial Blow STRONG BLOW - BTM BUCKET IN 4 MINUTES
SHUT-IN - BLOWBACK TO 3"
 Final Blow STRONG BLOW - BTM BUCKET IN 28 MINUTES
SHUT-IN - BLOWBACK TO 1"

Recovery — Total Feet 520 Feet of Gas in Pipe 150 Flush Tool? NO

Rec.	Feet Of	%gas	%oil	%water	%mud
30 <u>30</u>	<u>CLEAN GASSY OIL</u>	<u>20</u>	<u>80</u>		
<u>60</u>	<u>GAS/WATER CUT MUD/WATER</u>	<u>5</u>	<u>35</u>	<u>20</u>	<u>35</u>
<u>60</u>	<u>GAS/OIL CUT MUD/WATER</u>	<u>5</u>	<u>10</u>	<u>50</u>	<u>35</u>
<u>60</u>	<u>VS OIL CUT WATER</u>		<u>2</u>	<u>98</u>	
<u>310</u>	<u>WATER</u>			<u>100</u>	

BHT 137 °F Gravity 35 °API @ 60 °F Corrected Gravity 35 °API

RW .4 @ 55 °F Chlorides 22,000 ppm Recovery Chlorides 4,000 ppm System

(A) Initial Hydrostatic Mud 2164 PSI Ak1 Recorder No. 13337 Range 3975
 (B) First Initial Flow Pressure 44 PSI @ (depth) 4427 w/Clock No. 25813
 (C) First Final Flow Pressure 184 PSI AK1 Recorder No. 10332 Range 4025
 (D) Initial Shut-In Pressure 238 PSI @ (depth) 4433 w/Clock No. 14389
 (E) Second Initial Flow Pressure 208 PSI AK1 Recorder No. _____ Range _____
 (F) Second Final Flow Pressure 238 PSI @ (depth) _____ w/Clock No. _____
 (G) Final Shut-In Pressure 238 PSI Initial Opening 30 Test ✓
 (H) Final Hydrostatic Mud 2150 PSI Initial Shut-In 45 Jars _____

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Final Flow 45 Safety Joint _____
 Final Shut-In 60 Straddle _____
 Circ. Sub _____
 Sampler _____
 Extra Packer _____
 Other _____

Approved By Chris Peters

Our Representative John Reed

TOTAL PRICE \$ 550.00