

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name & No.	BRETTON #1-26		Test No.	1	Date	1/8/91
Company	WHITE & ELLIS DRILLING INC		Zone Tested	LANSING "E&F"		
Address	401 E DOUGLAS #500 WICHITA KS 67202		Elevation	2631 KB		
Co. Rep./Geo.	MR TOM FUNK	Cont.	WHITE & ELLIS #9	Est. Ft. of Pay	0	
Location: Sec.	26	Twp.	15S	Rge.	30W	Co. GOVE State KANSAS

Interval Tested	3782-3816	Drill Pipe Size	4.5" XH
Anchor Length	34	Top Choke — 1"	Bottom Choke — 1/4"
Top Packer Depth	3777	Hole Size — 77/8"	Rubber Size — 63/4"
Bottom Packer Depth	3782	Wt. Pipe I.D. — 2.7 Ft. Run	0
Total Depth	3816	Drill Collar — 2.25 Ft. Run	0
Mud Wt.	8.8	lb/gal.	Viscosity 43 Filtrate 8.0
Tool Open @	3:35 PM	Initial Blow	SURFACE BLOW SLOWLY BUILT TO 3"
ISI: BLED OFF BLOW-NO RETURN			
Final Blow	SURFACE BLOW SLOWLY BUILT TO 2" THROUGHOUT		

Recovery — Total Feet	90	Flush Tool?	NO
Rec.	90	Feet of	SALT WATER
Rec.	0	Feet of	
Rec.	0	Feet of	
Rec.	0	Feet of	
Rec.	0	Feet of	
BHT	98	°F Gravity	°API @ 0 °F Corrected Gravity 0 °API
RW	.16	@ 82 °F Chlorides	45000 ppm Recovery Chlorides 1500 ppm System
(A) Initial Hydrostatic Mud	1825.6	PSI	AK1 Recorder No. 13309 Range 4700
(B) First Initial Flow Pressure	33.4	PSI	@ (depth) 3785 w/Clock No. 27567
(C) First Final Flow Pressure	47.8	PSI	AK1 Recorder No. 13339 Range 4025
(D) Initial Shut-In Pressure	982.3	PSI	@ (depth) 3811 w/Clock No. 30418
(E) Second Initial Flow Pressure	60.8	PSI	AK1 Recorder No. 0 Range 0
(F) Second Final Flow Pressure	66.3	PSI	@ (depth) 0 w/Clock No. 0
(G) Final Shut-In Pressure	951.2	PSI	Initial Opening 30
(H) Final Hydrostatic Mud	1750.3	PSI	Initial Shut-In 45
			Final Flow 45
			Final Shut-In 45

MR ROD STEINBRINK

550

Our Representative _____

TOTAL PRICE \$ _____

DST# 1RECORDER# 13309

This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud.....	1822	1825.6
(B) First Initial Flow Pressure.....	31	33.4
(C) First Final Flow Pressure.....	41	47.8
(D) Initial Closed-In Pressure.....	979	982.3
(E) Second Initial Flow Pressure.....	52	60.8
(F) Second Final Flow Pressure.....	62	66.3
(G) Final Closed-In Pressure.....	949	951.2
(H) Final Hydrostatic Mud.....	1752	1750.3

TRILOBITE TESTING COMPANY

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Drill-Stem Test Data

Well Name & No.	BRETTON #1-26	Test No.	2	Date	1/9/91
Company	WHITE & ELLIS DRILLING INC	Zone Tested	LANSING-KS CITY		
Address	401 E DOUGLAS #500 WICHITA KS 67202		Elevation	2631 KB	
Co. Rep./Geo.	MR TOM FUNK	Cont.	WHITE & ELLIS #9	Est. Ft. of Pay	0
Location: Sec.	26	Twp.	15S	Rge.	30W
		Co.	60VE	State	KANSAS

Interval Tested	3874-3975	Drill Pipe Size	4.5" XH			
Anchor Length	101	Top Choke — 1"	Bottom Choke — 3/4"			
Top Packer Depth	3869	Hole Size — 7 7/8"	Rubber Size — 6 3/4"			
Bottom Packer Depth	3874	Wt. Pipe I.D. — 2.7 Ft. Run	0			
Total Depth	3975	Drill Collar — 2.25 Ft. Run	0			
Mud Wt.	8.9	lb/gal.	Viscosity	43	Filtrate	8.0
Tool Open @	1:38 PM	Initial Blow	SURFACE BLOW BUILT TO 2"			
ISI: BLEED OFF BLOW-NO RETURN						
Final Blow	SURFACE BLOW BUILT TO 1/2" THROUGHOUT					

Recovery — Total Feet	20	Flush Tool?	NO					
Rec.	3	Feet of	CLEAN OIL					
Rec.	17	Feet of	OIL & WTR CUT MUD-5%OIL/20%WTR/75%MUD					
Rec.	0	Feet of						
Rec.	0	Feet of						
Rec.	0	Feet of						
BHT	96	°F Gravity		°API @	0	°F Corrected Gravity	0	°API
RW		@	°F Chlorides		ppm Recovery	Chlorides	1500	ppm System
(A) Initial Hydrostatic Mud	1929.8	PSI	AK1 Recorder No.	13309	Range	4700		
(B) First Initial Flow Pressure	44.5	PSI	@ (depth)	3877	w/Clock No.	27567		
(C) First Final Flow Pressure	44.5	PSI	AK1 Recorder No.	13339	Range	4025		
(D) Initial Shut-In Pressure	592.3	PSI	@ (depth)	3970	w/Clock No.	30418		
(E) Second Initial Flow Pressure	44.5	PSI	AK1 Recorder No.	0	Range	0		
(F) Second Final Flow Pressure	44.5	PSI	@ (depth)	0	w/Clock No.	0		
(G) Final Shut-In Pressure	191.2	PSI	Initial Opening	30				
(H) Final Hydrostatic Mud	1870.3	PSI	Initial Shut-In	30				
			Final Flow	30				
			Final Shut-In	30				

MR ROD STEINBRINK

550

Our Representative _____

TOTAL PRICE \$ _____

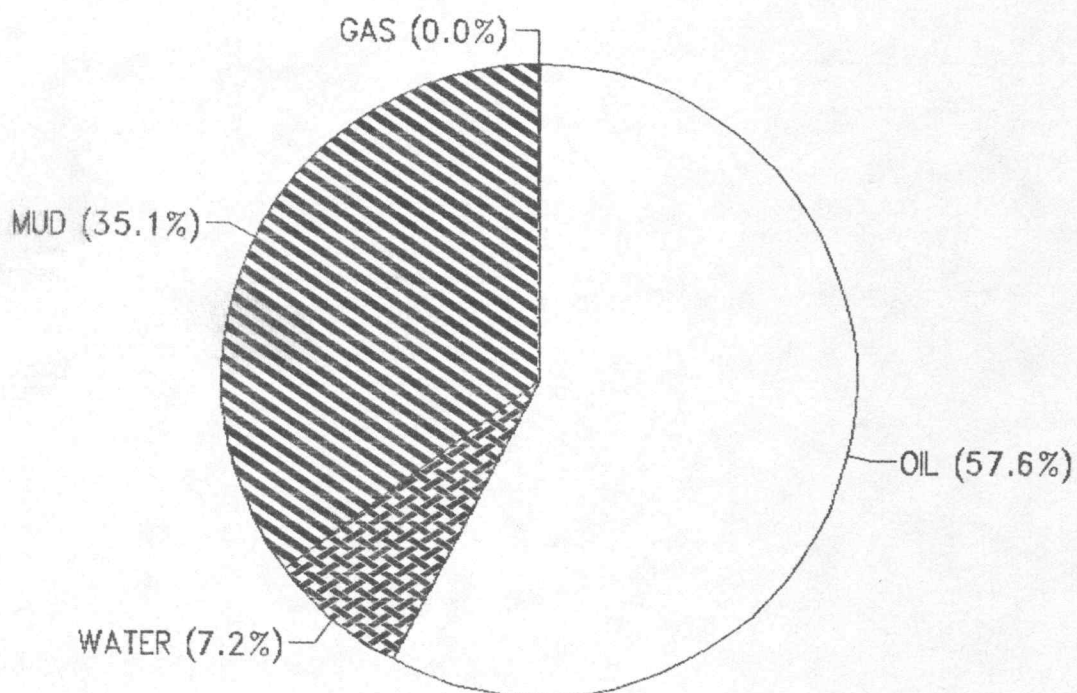
CALCULATED RECOVERY ANALYSIS

DST # 2 TICKET # 3015

SAMPLE #	TOTAL FEET	GAS %	GAS FEET	OIL %	OIL FEET	WATER %	WATER FEET	MUD %	MUD FEET
DRILL 1	3	0	0	100	3	0	0	0	0
PIPE 2	17	0	0	5	0.85	20	3.4	75	12.75
3			0		0		0		0
4			0		0		0		0
5			0		0		0		0
WEIGHT 1			0		90		0		0
PIPE 2			0		0		0		0
3			0		0		0		0
4			0		0		0		0
DRILL 1			0		0		0		0
COLLAR 2			0		0		0		0
3			0		0		0		0
4			0		0		0		0
TOTAL			0		93.85		3.4		12.75

HRS OPEN BBL/DAY

BBL OIL= 0.684747 * 1 16.4339
 BBL WATER 0.048348 * 1.16035
 BBL MUD= 0.2346



DST# 2RECORDER# 13309

This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud.....	1922	1929.8
(B) First Initial Flow Pressure.....	41	44.5
(C) First Final Flow Pressure.....	41	44.5
(D) Initial Closed-In Pressure.....	589	592.3
(E) Second Initial Flow Pressure.....	41	44.5
(F) Second Final Flow Pressure.....	41	44.5
(G) Final Closed-In Pressure.....	187	191.2
(H) Final Hydrostatic Mud.....	1872	1870.3

TRILOBITE TESTING COMPANY

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Drill-Stem Test Data

Well Name & No.	BRETTON #1-26	Test No.	3	Date	1/10/91
Company	WHITE & ELLIS DRILLING INC	Zone Tested	KS CITY "K"		
Address	401 E DOUGLAS #500 WICHITA KS 67202	Elevation	2631 KB		
Co. Rep./Geo.	MR TOM FUNK	Cont.	WHITE & ELLIS #9	Est. Ft. of Pay	0
Location: Sec.	26	Twp.	15S	Rge.	30W
			GOVE	State	KANSAS

Interval Tested	3968-3994	Drill Pipe Size	4.5" XH
Anchor Length	26	Top Choke — 1"	Bottom Choke — 3/4"
Top Packer Depth	3963	Hole Size — 77/8"	Rubber Size — 63/4"
Bottom Packer Depth	3968	Wt. Pipe I.D. — 2.7 Ft. Run	0
Total Depth	3994	Drill Collar — 2.25 Ft. Run	0
Mud Wt.	9.0	lb / gal.	42
Tool Open @	1:48 AM	Viscosity	8.0
Initial Blow	STRONG BLOW TO BOTTOM IN 2.5 MIN		
ISI:	BLED OFF BLOW- NO RETURN		
Final Blow	N/A		

Recovery — Total Feet	1740	Flush Tool?	NO
Rec.	1740	Feet of	SULFUR WATER
Rec.	0	Feet of	
Rec.	0	Feet of	
Rec.	0	Feet of	
Rec.	0	Feet of	
BHT	114	°F Gravity	0
RW	.26	°F Chlorides	25000
	@ 74	ppm Recovery	1500
(A) Initial Hydrostatic Mud	1910.2	PSI AK1 Recorder No.	13309
		Range	4700
(B) First Initial Flow Pressure	66.4	PSI @ (depth)	3971
		w/Clock No.	27567
(C) First Final Flow Pressure	312.3	PSI AK1 Recorder No.	13339
		Range	4025
(D) Initial Shut-In Pressure	771.2	PSI @ (depth)	3989
		w/Clock No.	30418
(E) Second Initial Flow Pressure	371.2	PSI AK1 Recorder No.	0
		Range	0
(F) Second Final Flow Pressure	571.6	PSI @ (depth)	0
		w/Clock No.	0
(G) Final Shut-In Pressure	771.2	PSI Initial Opening	30
(H) Final Hydrostatic Mud	1850.2	PSI Initial Shut-In	45
		Final Flow	45
		Final Shut-In	60

MR ROD STEINBRINK

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Our Representative _____

TOTAL PRICE \$ _____

DST# 3RECORDER# 13309

This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud.....	1902	1910.2
(B) First Initial Flow Pressure.....	62	66.4
(C) First Final Flow Pressure.....	311	312.3
(D) Initial Closed-In Pressure.....	769	771.2
(E) Second Initial Flow Pressure.....	363	371.2
(F) Second Final Flow Pressure.....	569	571.6
(G) Final Closed-In Pressure.....	769	771.2
(H) Final Hydrostatic Mud.....	1852	1850.2

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Drill-Stem Test Data

Well Name & No.	BRETTON #1-26	Test No.	4	Date	1/10/91
Company	WHITE & ELLIS DRILLING INC	Zone Tested	MIDDLE CREEK		
Address	401 E DOUGLAS #500 WICHITA KS 67202	Elevation	2631 KB		
Co. Rep./Geo.	MR TOM FUNK	Cont.	WHITE & ELLIS #9	Est. Ft. of Pay	3
Location: Sec.	26	Twp.	15S	Rge.	30W
			Co.	GOVE	State KANSAS

Interval Tested	4004-4027	Drill Pipe Size	4.5" XH	
Anchor Length	23	Top Choke — 1"	Bottom Choke — 3/4"	
Top Packer Depth	3999	Hole Size — 77/8"	Rubber Size — 63/4"	
Bottom Packer Depth	4004	Wt. Pipe I.D. — 2.7 Ft. Run	0	
Total Depth	4027	Drill Collar — 2.25 Ft. Run	0	
Mud Wt.	8.9	lb/gal.	Viscosity 51	Filtrate 8.0
Tool Open @	5:17 PM	Initial Blow	STRONG BLOW OFF BOTTOM IN 1 MINUTE	
	ISI: BLED OFF BLOW-SURFACE RETURN. BUILT BACK TO 3"			
Final Blow	FAIR RETURN OFF BOTTOM IN 2 MINUTES			

Recovery — Total Feet	2060	Flush Tool?	NO					
Rec.	1156	Feet of	GAS IN PIPE					
Rec.	2000	Feet of	CLEAN GASSY OIL -25%GAS/75%OIL					
Rec.	60	Feet of	GASSY OIL CUT MUD -25%GAS/20%OIL/55%MUD					
Rec.	0	Feet of						
Rec.	0	Feet of						
BHT	118	°F Gravity	34	°API @	50	°F Corrected Gravity	35	°API
RW	@	°F Chlorides	ppm Recovery	Chlorides	3000	ppm System		
(A) Initial Hydrostatic Mud	1942.8	PSI	AK1 Recorder No.	13309	Range	4700		
(B) First Initial Flow Pressure	161.1	PSI	@ (depth)	4007	w/Clock No.	27567		
(C) First Final Flow Pressure	503.0	PSI	AK1 Recorder No.	13339	Range	4025		
(D) Initial Shut-In Pressure	790.5	PSI	@ (depth)	4022	w/Clock No.	30418		
(E) Second Initial Flow Pressure	572.1	PSI	AK1 Recorder No.	0	Range	0		
(F) Second Final Flow Pressure	738.4	PSI	@ (depth)	0	w/Clock No.	0		
(G) Final Shut-In Pressure	793.5	PSI	Initial Opening	30				
(H) Final Hydrostatic Mud	1852.7	PSI	Initial Shut-In	45				
			Final Flow	45				
			Final Shut-In	75				

MR ROD STEINBRINK

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Our Representative _____

TOTAL PRICE \$ _____

CALCULATED RECOVERY ANALYSIS

DST # 4 TICKET # 3017

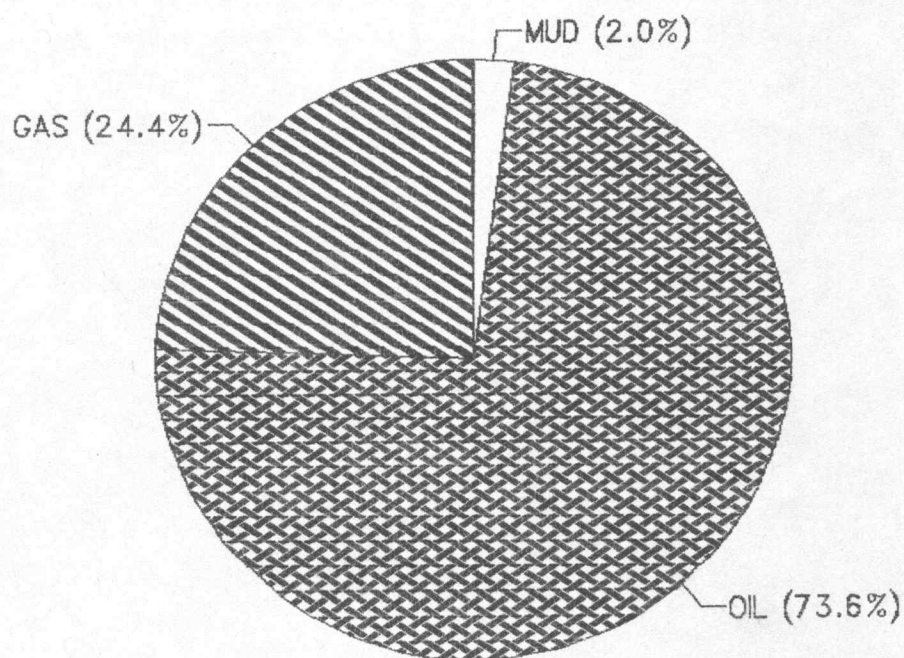
SAMPLE #	TOTAL FEET	GAS %	GAS FEET	OIL %	OIL FEET	WATER %	WATER FEET	MUD %	MUD FEET
DRILL 1	2000	25	500	75	1500	0	0	0	0
PIPE 2	60	25	15	20	12	0	0	55	33
3			0		0		0		0
4			0		0		0		0
5			0		0		0		0
WEIGHT 1			0		90		0		0
PIPE 2			0		0		0		0
3			0		0		0		0
4			0		0		0		0
DRILL 1			0		0		0		0
COLLAR 2			0		0		0		0
3			0		0		0		0
4			0		0		0		0
TOTAL			515		1602		0		33

HRS OPEN BBL/DAY

BBL OIL= 22.13064 * 1.25 424.908

BBL WATER 0 *

BBL MUD= 0.6072



COMPUTER EVALUATION BY TRILOBITE TESTING
WHITE & ELLIS DRILLING INC
REPORT FOR DST#4 FOR THE BRETTON #1-26
26-155-30W GOVE KANSAS

TEST PARAMETERS

ELEVATION:	2631 KB	EST. PAY:	3 FT
DATUM:	-1392	ZONE TESTED:	MIDDLE CREEK
TEST INTERVAL:	4004-4027		
RECORDER DEPTH:	4022	TIME INTERVALS:	30-45-45-75
BOTTOM HOLE TEMP:	118	VISCOSITY:	6.363928 CP
		HOLE SIZE:	7.875 IN

CALCULATIONS

CUBIC FEET OF GAS IN PIPE: 92.29432

TOTAL FEET OF RECOVERY: 2060
BARRELS IN DRILL PIPE: 29.2932
GAS OIL RATIO: 3.150708 CU.FT./BBL
BUBBLE POINT PRESSURE: ; .2847098
TOTAL BARRELS OF RECOVERY: 29.2932

API GRAVITY: 35

UNCORR. INIT. PROD.: 562.4295 BBL/DAY

CORRECTED PIPE FILLUP: 2006.522

FLUID GRADIENT: .368

CORR. BARRELS OF RECOVERY: 28.52532 BBL

INITIAL PRODUCTION CORRECTED TO FINAL FLOW PRESSURE: 547.6862 BBL/DAY

INITIAL PRODUCTION CORRECTED TO PSEUDO STEADY FLOW STATE
215.3596

INITIAL SLOPE 53.89 PSI/CYCLE
INITIAL P* 802 PSI

FINAL SLOPE 8.33 PSI/CYCLE
FINAL P* 794 PSI

TRANSMISSIBILITY	10690.73 (MD.-FT./CP.)
PERMEABILITY	22678.35 (MD.)
INDICATED FLOW CAPACITY	68035.03 (MD.FT)
PRODUCTIVITY INDEX	12.08053 (BARRELS/DAY/PSI)
DAMAGE RATIO	1.221464
RADIUS OF INVESTIGATION	1304.176 (FT.)
THEORETICAL POTENTIAL FROM FINAL FLOW PRESSURE	668.979 BBL/DAY
THEORITICAL POTENTIAL FROM PSEUDO STEADY FLOW STATE	263.054 BBL/DAY
POTENTIOMETRIC SURFACE	450.286 (FT.)
DRAWDOWN FACTOR	.9975076 (%)

INITIAL FLOW

RECORDER # 13339

DST #4

DT(MIN)	PRESSURE	<> PRESSURE
0	161.1	161.1
3	151.8	-9.300003
6	193.3	41.5
9	243.2	49.9
12	293.1	49.90001
15	332.6	39.5
18	373.1	40.5
21	410.6	37.5
24	443.8	33.19998
27	475	31.20001
30	503	28

FINAL FLOW

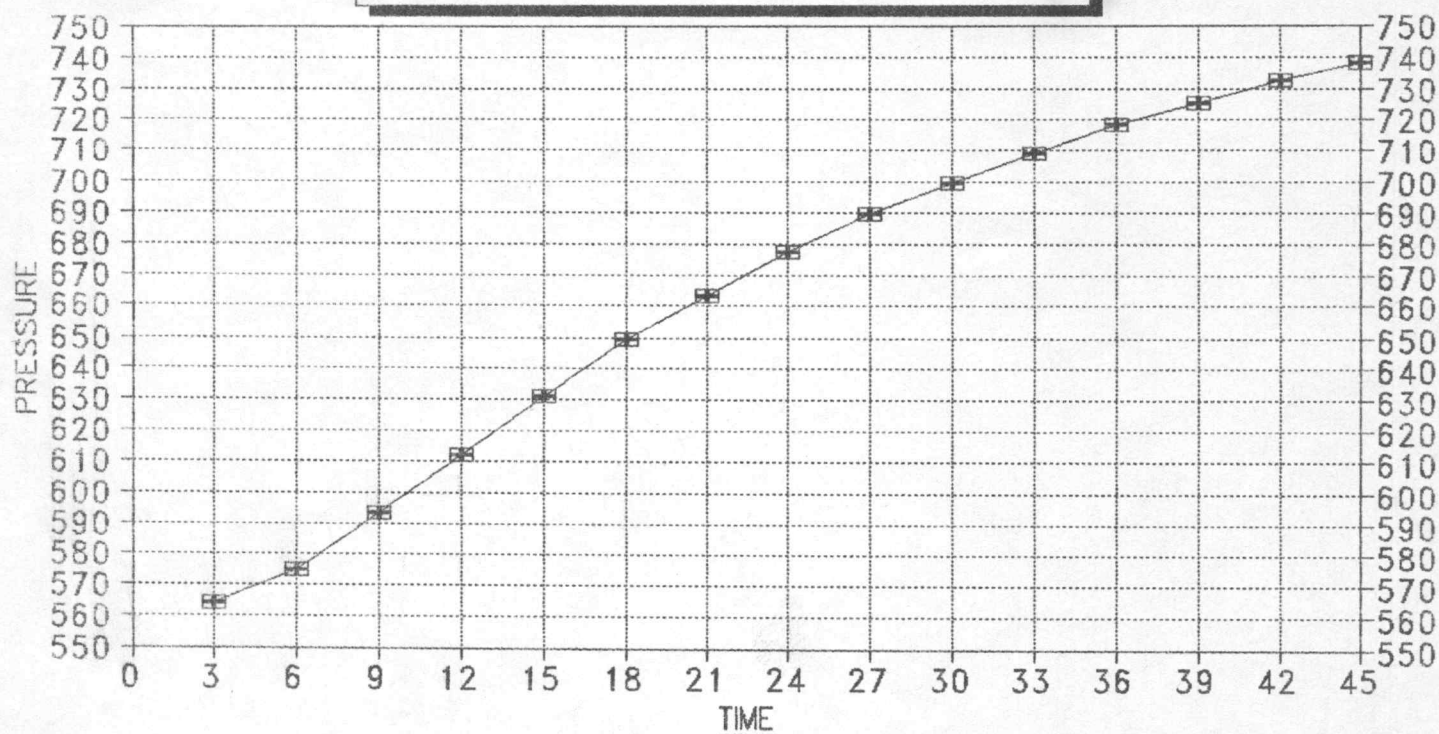
RECORDER # 13339

DST #4

DT(MIN)	PRESSURE	<> PRESSURE
0	572.1	572.1
3	564.1	-8
6	575.1	11
9	593.1	18
12	612.2	19.10004
15	631.2	19
18	649.3	18.09998
21	663.3	14
24	677.3	14
27	689.3	12
30	699.4	10.10004
33	709.4	10
36	718.4	9
39	725.4	7
42	732.4	7
45	738.4	6

DELTA T DELTA P

FINAL FLOW DST #4 FINAL FLOW



INITIAL PRODUCTION CORRECTED TO PSEUDO STEADY FLOW STATE 215.3596 BBL/DAY

BRETTON #1-26 DST #4
INITIAL SHUTIN

30 INITIAL FLOW TIME

Slope -53.89 psi/cycle
P * 802 psi

TIME(MIN)	Pws (psi)	Horn T	Log Horn T	<> PRESSURE
3	728.4	11	1.041	728.4
6	752.5	6	0.778	24.1
9	763.5	4	0.637	11.0
12	770.5	4	0.544	7.0
15	775.5	3	0.477	5.0
18	779.5	3	0.426	4.0
21	782.5	2	0.385	3.0
24	784.5	2	0.352	2.0
27	785.5	2	0.325	1.0
30	786.5	2	0.301	1.0
33	787.5	2	0.281	1.0
36	788.5	2	0.263	1.0
39	789.5	2	0.248	1.0
42	790.5	2	0.234	1.0
45	790.5	2	0.222	0.0

FINAL BRETTON #1-26 DST #4
SHUTIN

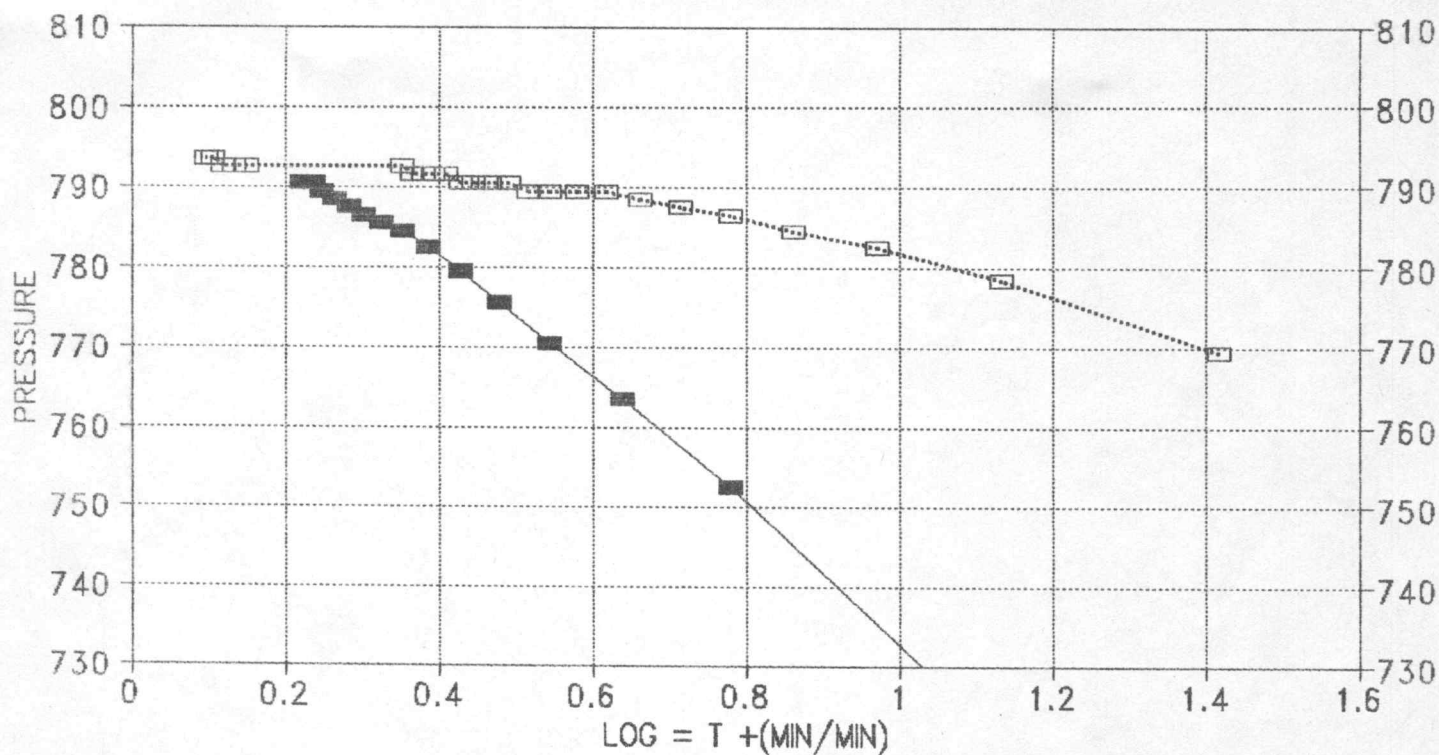
75 TOTAL FLOW TIME

Slope -8.33 psi/cycle
P * 794 psi

TIME(MIN)	Pws (psi)	Horn T	Log Horn T	<> PRESSURE
3	769.5	26	1.415	769.5
6	778.5	14	1.130	9.0
9	782.5	9	0.970	4.0
12	784.5	7	0.860	2.0
15	786.5	6	0.778	2.0
18	787.5	5	0.713	1.0
21	788.5	5	0.660	1.0
24	789.5	4	0.615	1.0
27	789.5	4	0.577	0.0
30	789.5	4	0.544	0.0
33	789.5	3	0.515	0.0
36	790.5	3	0.489	1.0
39	790.5	3	0.466	0.0
42	790.5	3	0.445	0.0
45	790.5	3	0.426	0.0
48	791.5	3	0.409	1.0
51	791.5	2	0.393	0.0
54	791.5	2	0.378	0.0
57	791.5	2	0.365	0.0
60	792.5	2	0.352	1.0
63	792.5	2	0.151	0.0
66	792.5	2	0.133	0.0
69	792.5	2	0.118	0.0
72	793.5	2	0.106	1.0
75	793.5	2	0.097	0.0

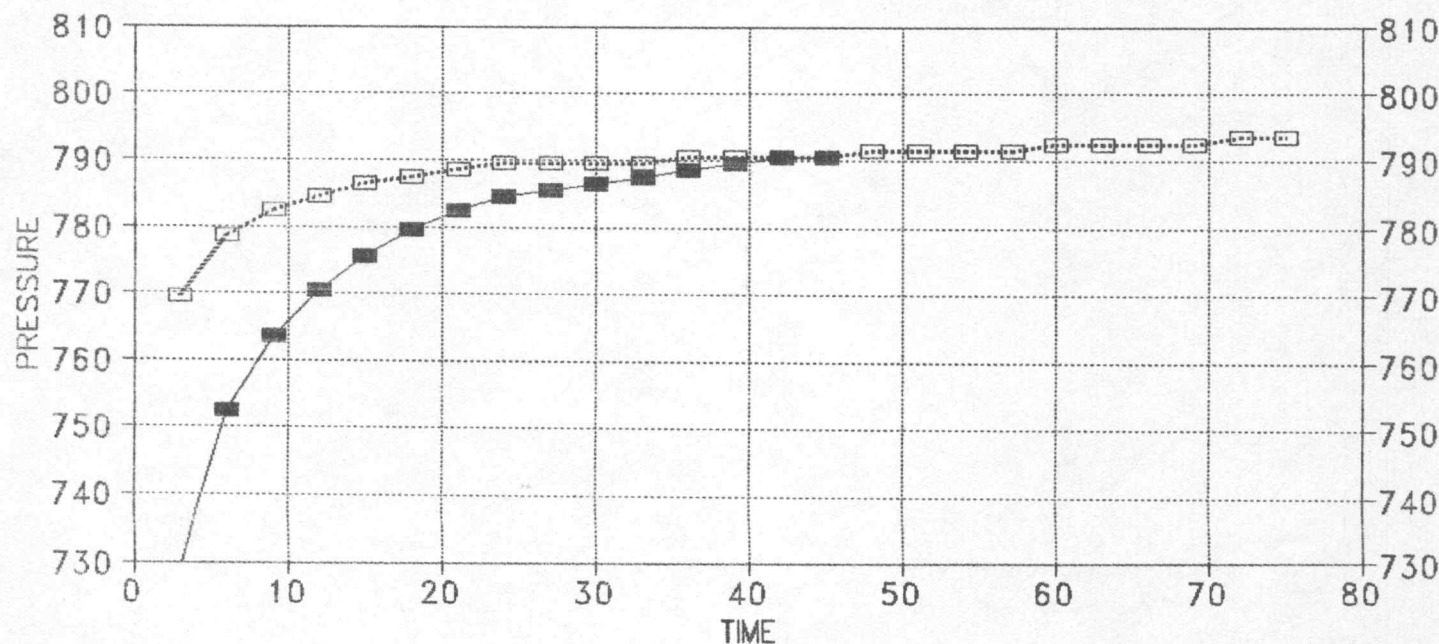
HORNER PLOT

DST #4-BRETTON #1-26



DELTA T DELTAP

DST #4-BRETTON #1-26



—■— INITIAL □ FINAL

DST# 4RECORDER# 13309

This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud.....	1952	1942.8
(B) First Initial Flow Pressure.....	114	161.1
(C) First Final Flow Pressure.....	467	503.0
(D) Initial Closed-In Pressure.....	759	790.5
(E) Second Initial Flow Pressure.....	529	572.1
(F) Second Final Flow Pressure.....	699	738.4
(G) Final Closed-In Pressure.....	769	793.5
(H) Final Hydrostatic Mud.....	1862	1852.7

TRILOBITE TESTING COMPANY

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Drill-Stem Test Data

Well Name & No.	BRETTON #1-26	Test No.	5	Date	1/12/91
Company	WHITE & ELLIS DRILLING INC	Zone Tested	JOHNSON		
Address	401 E DOUGLAS #500 WICHITA KS 67202	Elevation	2631 KB		
Co. Rep./Geo.	MR TOM FUNK	Cont.	WHITE & ELLIS #9	Est. Ft. of Pay	0
Location: Sec.	26	Twp.	15S	Rge.	30W
		Co.	GOVE	State	KANSAS

Interval Tested	4259-4325	Drill Pipe Size	4.5" XH			
Anchor Length	66	Top Choke — 1"	Bottom Choke — ¾"			
Top Packer Depth	4354	Hole Size — 77/8"	Rubber Size — 63/4"			
Bottom Packer Depth	4259	Wt. Pipe I.D. — 2.7 Ft. Run	0			
Total Depth	4325	Drill Collar — 2.25 Ft. Run	0			
Mud Wt.	9.0	lb/gal.	Viscosity	45	Filtrate	8.0

Tool Open @ 9:12 AM Initial Blow FAIR TO STRONG BLOW OFF BOTTOM IN 5 MINUTES-ISI: BLED OFF BLOW-SURFACE RETURN BUILT BACK TO 3"

Final Blow FAIR RETURN OFF BOTTOM IN 15 MINUTES FSI: BLED OFF BLOW-SURFACE RETURN BUILT BACK TO 5"

Recovery — Total Feet 385 Flush Tool? NO

Rec.	175	Feet of	GAS IN PIPE
Rec.	72	Feet of	GASSY OIL CUT MUD-30%GAS/30%OIL/40%MUD
Rec.	124	Feet of	GASSY OIL CUT MUD -25% GAS/15% OIL/10% WTR /50%MUD
Rec.	62	Feet of	SLTLY GASSY OIL & WTR CUT MUD-5%GAS/5%OIL/20%WTR/70%MUD
Rec.	124	Feet of	MUDDY WATER-10%MUD/90%WTR

BHT 118 °F Gravity °API @ 0 °F Corrected Gravity 0 °API

RW .65 @ 62 °F Chlorides 11000 ppm Recovery Chlorides 3000 ppm System

(A) Initial Hydrostatic Mud	2077.8	PSI	AK1 Recorder No.	13309	Range	4700
(B) First Initial Flow Pressure	110.2	PSI	@ (depth)	4262	w/Clock No.	27567
(C) First Final Flow Pressure	174.2	PSI	AK1 Recorder No.	13339	Range	4025
(D) Initial Shut-In Pressure	1310.2	PSI	@ (depth)	4300	w/Clock No.	30418
(E) Second Initial Flow Pressure	203.3	PSI	AK1 Recorder No.	0	Range	0
(F) Second Final Flow Pressure	221.4	PSI	@ (depth)	0	w/Clock No.	0
(G) Final Shut-In Pressure	1009.8	PSI	Initial Opening	30		
(H) Final Hydrostatic Mud	2001.3	PSI	Initial Shut-In	45		
			Final Flow	45		
			Final Shut-In	60		

Our Representative MR ROD STEINBRINK

550
TOTAL PRICE \$

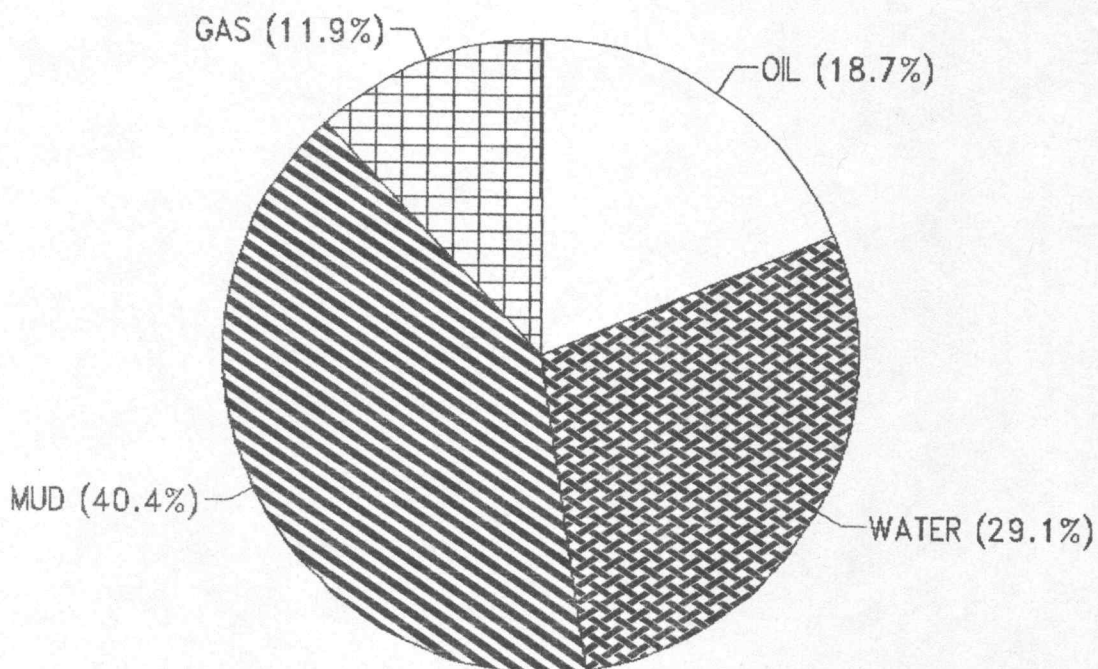
CALCULATED RECOVERY ANALYSIS

DST # 5 TICKET # 3018

SAMPLE #	TOTAL FEET	GAS %	FEET	OIL %	FEET	WATER %	FEET	MUD %	FEET
DRILL 1	72	30	21.6	30	21.6	0	0	40	28.8
PIPE 2	124	25	31	15	18.6	10	12.4	50	62
3	62	5	3.1	5	3.1	20	12.4	70	43.4
4	124	0	0	0	0	90	111.6	10	12.4
5			0		0		0		0
WEIGHT 1			0		90		0		0
PIPE 2			0		0		0		0
3			0		0		0		0
4			0		0		0		0
DRILL 1			0		0		0		0
COLLAR 2			0		0		0		0
3			0		0		0		0
4			0		0		0		0
TOTAL			55.7		133.3		136.4		146.6

HRS OPEN BBL/DAY

BBL OIL= 1.245726 * 1.25 23.9179
 BBL WATER 1.939608 * 37.2405
 BBL MUD= 2.69744



DST# 5 RECORDER# 13309

This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud.....	2073	2077.8
(B) First Initial Flow Pressure.....	104	110.2
(C) First Final Flow Pressure.....	166	174.2
(D) Initial Closed-In Pressure.....	1301	1310.2
(E) Second Initial Flow Pressure.....	197	203.3
(F) Second Final Flow Pressure.....	218	221.4
(G) Final Closed-In Pressure.....	1003	1009.8
(H) Final Hydrostatic Mud.....	2003	2001.3