TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name WALKER #1 Test No. 1 Date 11/11/92

Company AMERICAN WARRIOR, INC. Zone MISSISSIPPI

Address P.O. BOX 399 GARDEN CITY KS 67845 Elevation 2686

Co. Rep./Geo. MIKE WREATH Cont. ALLEN DRLG RIG #5 Est. Ft. of Pay 13

Location: Sec. 34 Twp. 25S Rge. 29W Co. GRAY State KS

Interval Tested 4826-4859 Drill Pipe Size 4.5" XH

Anchor Length 33 Wt. Pipe I.D. - 2.7 Ft. Run

Top Packer Depth 4821 Drill Collar – 2.25 Ft. Run 558

Bottom Packer Depth 4826 Mud Wt. 9.3 lb/Gal.

Total Depth 4859 Viscosity 50 Filtrate 9.8

Tool Open @ 11:45 PM Initial Blow 1/4" BLOW - BUILT TO 7"

ISI:BLED OFF BLOW - NO BLOW BACK

Final Blow 1/4" BLOW - BUILT TO 4"

FSI:BLED OFF BLOW-NO BLOW BACK

Recovery - Total Feet 450 Flush Tool? YES

Rec. 60 Feet of SLTLY OIL CUT MUD-10%GAS/5%OIL/85%MUD

Rec. 390 Feet of GASSY OIL CUT MUD-50%GAS/20%OIL/30%MUD

Rec. Feet of

Rec. Feet of

Rec. Feet of

BHT 111 °F Gravity °API @ °F Corrected Gravity 30 °API

RW @ °F Chlorides ppm Recovery Chlorides 3400 ppm System

(A) Initial Hydrostatic Mud 2416.9 PSI AK1 Recorder No. 13277 Range 4125

(B) First Initial Flow Pressure 26.4 PSI @ (depth) 4829 w / Clock No. 27594

(C) First Final Flow Pressure 128.2 PSI AK1 Recorder No. 11038 Range 5075

(D) Initial Shut-in Pressure 774.0 PSI @ (depth) 4856 w / Clock No. 3942

(E) Second Initial Flow Pressure 178.1 PSI AK1 Recorder No. Range

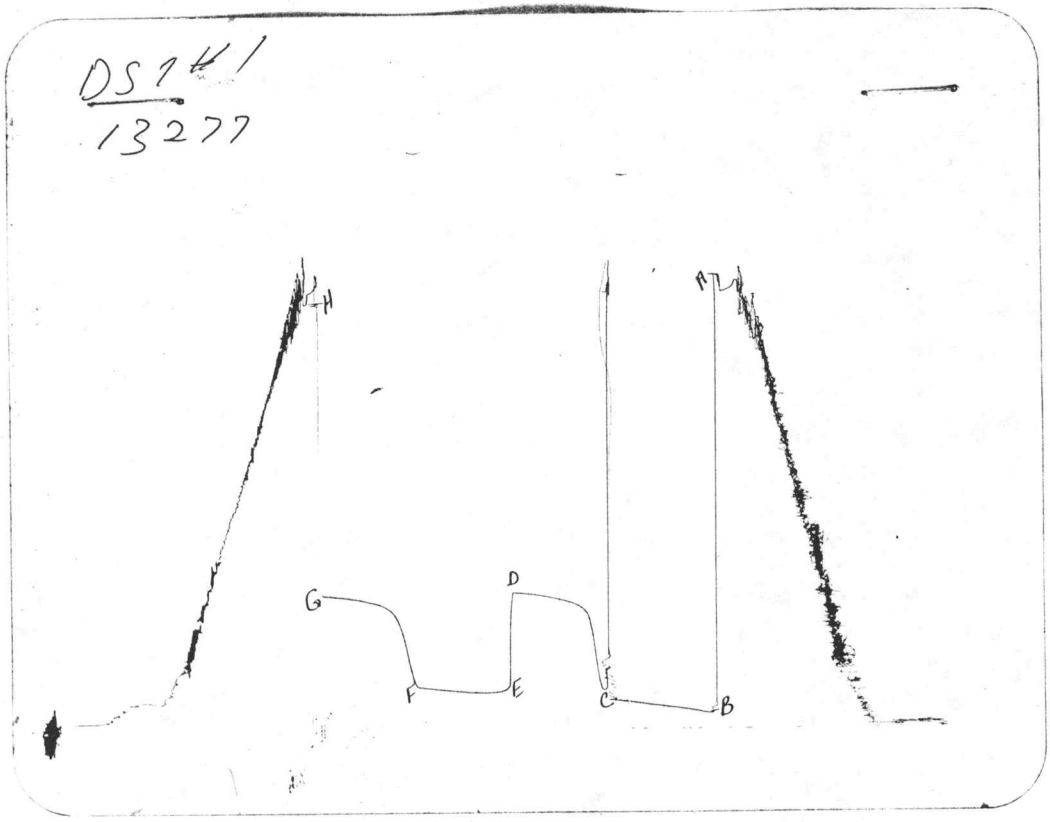
(F) Second Final Flow Pressure 217.0 PSI @ (depth) w / Clock No.

(G) Final Shut-in Pressure 758.6 PSI Initial Opening 60 Final Flow 60

(H) Final Hydrostatic Mud 2397.6 PSI Initial Shut-in 60 Final Shut-in 60

Our Representative TOM HORACEK

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2400	2416.9
(B) FIRST INITIAL FLOW PRESSURE	27	26.4
(C) FIRST FINAL FLOW PRESSURE	122	128.2
(D) INITIAL CLOSED-IN PRESSURE	753	774
(E) SECOND INITIAL FLOW PRESSURE	176	178.1
(F) SECOND FINAL FLOW PRESSURE	217	217
(G) FINAL CLOSED-IN PRESSURE	753	758.6
(H) FINAL HYDROSTATIC MUD	2387	2397.6

COMPUTER EVALUATION BY TRILOBITE TESTING, L.L.C.

AMERICAN WARRIOR, INC WALKER #1 DST 1

34 25S 29W GRAY KS

****

ELEVATION:	2686	KB	EST. PAY	13	FT
DATUM:	-2171		ZONE TESTED:	MISSISSIPPI	
TEST INTERVAL:	4826-4859		TIME INTERVALS:	60-60-60-60	
RECORDER DEPTH:	4856		VISCOSITY:	19.276	CP
BOTTOM HOLE TEMP:	111		HOLE SIZE:	7.875	IN

****

CUBIC FEET OF GAS IN PIPE:	0.14			
TOTAL FEET OF RECOVERY:	450.00	CORRECTED PIPE FILLUP:	572.559	
TOTAL BARRELS OF RECOVERY:	2.20	CORR. BARRELS OF RECOVERY:	2.928	BBL
BARRELS IN DRILL PIPE:	0.00	API GRAVITY:	30	
BARRELS IN WEIGHT PIPE:	0.00	FLUID GRADIENT:	0.379	
BARRELS IN DRILL COLLARS:	2.20			
GAS OIL RATIO:	0.0625	CU.FT/BBL		
BUBBLE POINT PRESSURE:	0.712			
UNCORRECTED INITIAL PRODUCTION:			26.41	BBL
INITIAL PRODUCTION CORRECTED TO FINAL FLOW PRESSURE:			35.13	BBL/DAY
INITIAL PRODUCTION CORRECTED TO PSEUDO STEADY FLOW STATE:			12.046	

****

INITIAL SLOPE	161.16	PSI/CYCLE	FINAL SLOPE	92.07	PSI/CYCLE
INITIAL P*	819	PSI	FINAL P*	800	PSI

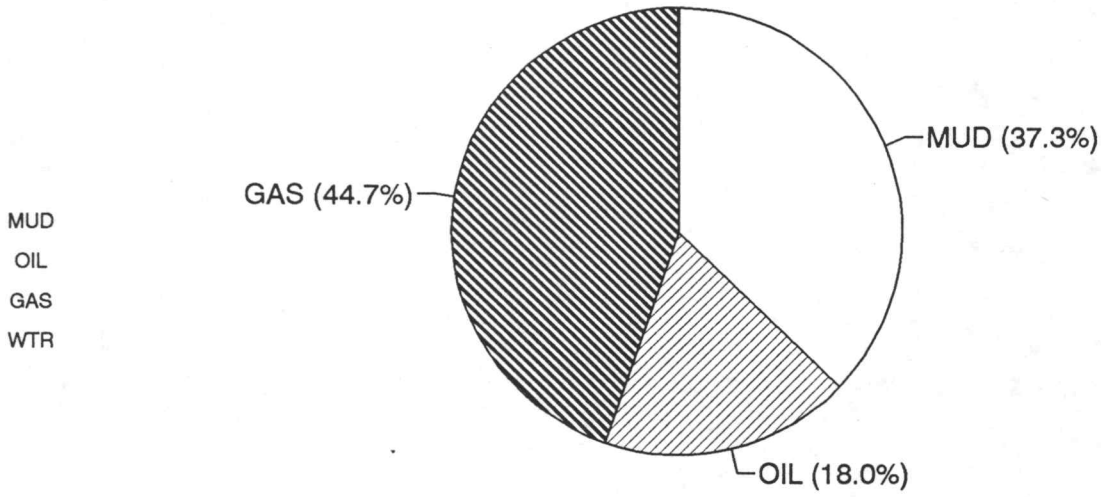
****

TRANSMISSIBILITY	62.04	(MD.-FT./CP.)
PERMEABILITY	91.99	(MD.)
INDICATED FLOW CAPACITY	1195.92	)MD.FT)
PRODUCTIVITY INDEX	0.07	(BARRELS/DAY/PSI)
DAMAGE RATIO	1.16	
RADIUS OF INVESTIGATION	105.07	(FT,)
POTENTIOMETRIC SURFACE	-314.73	(FT.)
DRAWDOWN FACTOR	2.347	(%)

DST # 1 TICKET 4847

SAMPLE #	TOTAL FEET	%	GAS FEET	%	OIL FEET	%	WATER FEET	%	MUD FEET
1	60	10	6	5	3	0	0	85	51
2	390	50	195	20	78	0	0	30	117
3			0		0		0		0
4			0		0		0		0
5			0		0		0		0
TOTAL	450	44.67	201	18.00	81	0.00	0	37.333333	168

			HRS OP	BBL/DAY
BBL OIL=	0.39609	*	2	4.75308
BBL WATER=	0	*		0
BBL MUD=	0.82152			
BBL GAS=	0.98289			



INITIAL FLOW

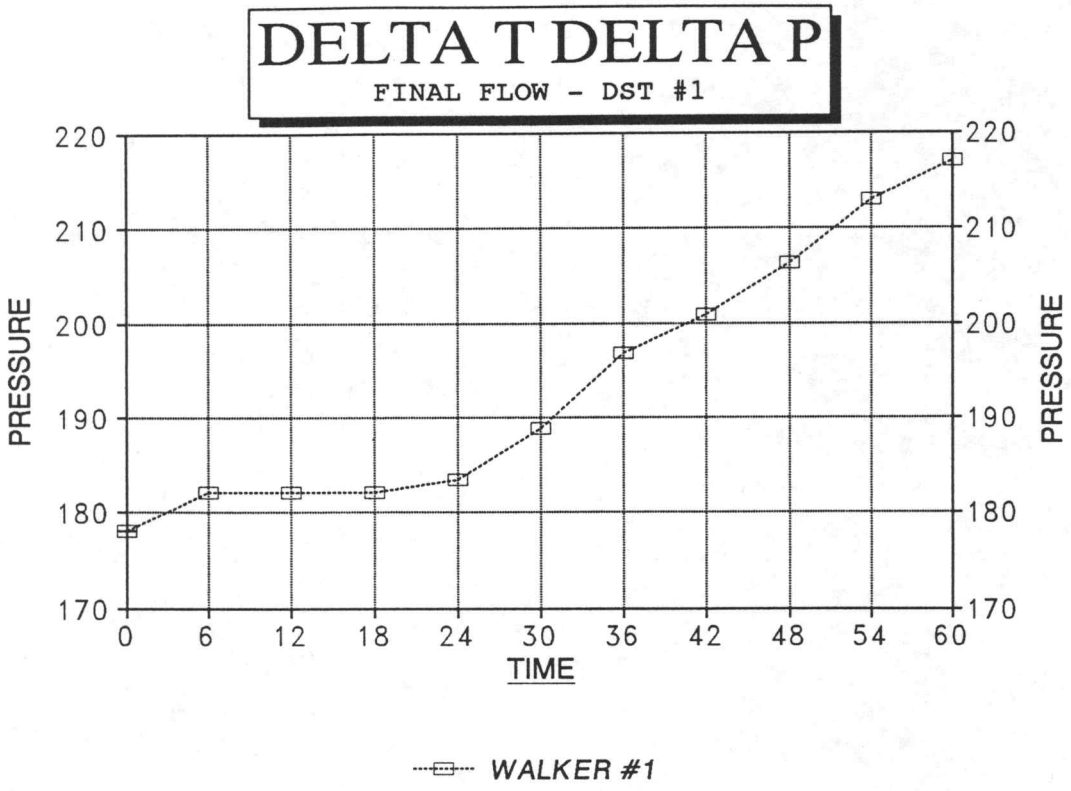
RECORDER # 11038 DST # DST #1

TIME(MIN)	PRESSURE	<> PRESSURE
0	26.4	26.4
6	42.7	16.3
12	55	12.3
18	63.2	8.2
24	75.4	12.2
30	80.8	5.4
36	88.9	8.1
42	98.4	9.5
48	102.5	4.1
54	109.3	6.8
60	117.4	8.1
66	122.8	5.4
72	128.2	5.4

FINAL FLOW

RECORDER # 11038 DST # DST #1

TIME(MIN)	PRESSURE	<> PRESSURE
0	178.1	178.1
6	182.1	4
12	182.1	0
18	182.1	0
24	183.4	1.3
30	188.8	5.4
36	196.9	8.1
42	200.9	4
48	206.3	5.4
54	213	6.7
60	217	4



INITIAL PRODUCTION CORRECTED TO PSEUDO STEADY FLOW STATE: 12.046

WALKER #1 DST #1
INITIAL SHUTIN

60 TOTAL FLOW TIME

Slope 161.16 psi/cycle
P * 819 psi

	TIME(MIN)	Pws (psi)	Log Horn T	<> PRESSURE	Horn T
	6	186.1	1.041	186.1	11
	12	567.7	0.778	381.6	6
	18	688.0	0.637	120.3	4
	24	722.7	0.544	34.7	4
	30	739.4	0.477	16.7	3
	36	749.7	0.426	10.3	3
	42	756.1	0.385	6.4	2
X	48	762.5	0.352	6.4	2
	54	767.6	0.325	5.1	2
	60	771.4	0.301	3.8	2
X	66	774.0	0.281	2.6	2

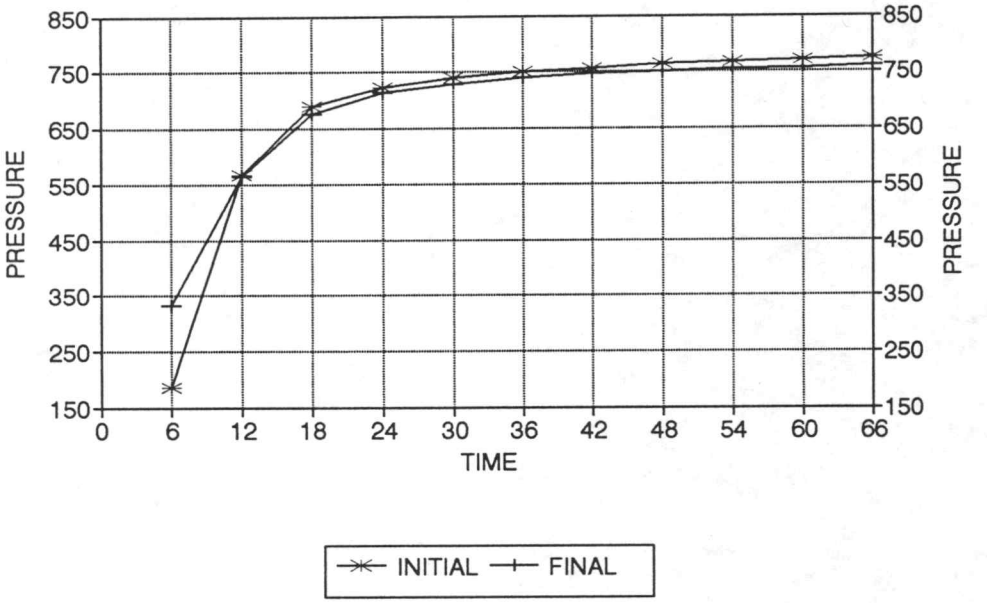
WALKER #1 1.0
FINAL SHUTIN

120 TOTAL FLOW TIME

Slope 92.07 psi/cycle
P * 800 psi

		Pws (psi)	Log Horn T	<> PRESSURE	Horn T
	6	332.9	1.322	332.9	21
	12	565.1	1.041	232.2	11
	18	675.1	0.885	110.0	8
	24	713.7	0.778	38.6	6
	30	727.8	0.699	14.1	5
	36	738.1	0.637	10.3	4
	42	745.8	0.586	7.7	4
	48	750.9	0.544	5.1	4
	54	753.5	0.508	2.6	3
X	60	756.1	0.477	2.6	3
X	66	758.6	0.450	2.5	3

WALKER #1 / DST #1
DELTA T DELTA P



HORNER PLOT