

4-33-19w

Computer Inventories

WELL NAME

Nielsen #4-2

COMPANY

American Warrior, Inc.

LOCATION

4-33s-19w

Comanche co Kansas

DATE

11/14/00

KAD

0

TRILOBITE TESTING L.L.C.

OPERATOR : American Warrior Inc.
WELL NAME: Nielsen #4-2
LOCATION : 4-33s-19w Comanche co KS
INTERVAL : 4961.00 To 5030.00 ft

DATE 11-09-000
KB 1917.00 ft TICKET NO: 13213 DST #1
GR 1904.00 ft FORMATION: Pawnee/Ft. Scott
TD 5030.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	10248	10248	2342			PF Fr. 0956 to 1026 hr
SI 60 Range(Psi)	4400.0	4400.0	4995.0	0.0	0.0	IS Fr. 1026 to 1126 hr
SF 60 Clock(hrs)	12 hr	12 hr	batt.			SF Fr. 1126 to 1226 hr
FS 60 Depth(ft)	5027.0	5027.0	4970.0	0.0	0.0	FS Fr. 1226 to 1326 hr

	Field	1	2	3	4	
A. Init Hydro	2426.0	0.0	2376.0	0.0	0.0	T STARTED 0800 hr
B. First Flow	39.0	0.0	32.0	0.0	0.0	T ON BOTM 0951 hr
B1. Final Flow	46.0	0.0	51.0	0.0	0.0	T OPEN 0956 hr
C. In Shut-in	1657.0	0.0	1661.0	0.0	0.0	T PULLED 1329 hr
D. Init Flow	46.0	0.0	33.0	0.0	0.0	T OUT 1540 hr
E. Final Flow	64.0	0.0	57.0	0.0	0.0	
F. Fl Shut-in	1718.0	0.0	1720.0	0.0	0.0	
G. Final Hydro	2375.0	0.0	2331.0	0.0	0.0	
Inside/Outside	O	O	I	T		

RECOVERY

Tot Fluid 70.00 ft of 70.00 ft in DC and 0.00 ft in DP
0.00 ft of Gas in all fluid free pipe.
70.00 ft of Gas cut mud
0.00 ft of 8% gas 92% mud
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of Rw n.c. ohms @ degrees F.
0.00 ft of EST.FT. of PAY-----6
SALINITY 5000.00 P.P.M. A.P.I. Gravity 0.00

TOOL DATA-----
Tool Wt. 2100.00 lbs
Wt Set On Packer 20000.00 lbs
Wt Pulled Loose 90000.00 lbs
Initial Str Wt 80000.00 lbs
Unseated Str Wt 80000.00 lbs
Bot Choke 0.75 in
Hole Size 7.88 in
D Col. ID 2.25 in
D. Pipe ID 3.80 in
D.C. Length 300.00 ft
D.P. Length 4666.00 ft

BLOW DESCRIPTION

Initial Flow:
Strong blow Bottom of bucket in 5 minutes.
Initial Shut-In:
No blow.
Final Flow:
Strong blow. Gas to surface in 25 minutes. (see gas volume report)
Final Shut-In:
No blow.

SAMPLES: Gas sample
SENT TO: Caraway/Liberal

MUD DATA-----
Mud Type Chemical
Weight 9.00 lb/cf
Vis. 52.00 S/L
W.L. 9.40 in3
F.C. 0.20 in
Mud Drop N
Amt. of fill 2.00 ft
Btm. H. Temp. 117.00 F
Hole Condition Good
% Porosity 11.00
Packer Size 6.75 in
No. of Packers 2
Cushion Amt. 0.00 N
Cushion Type None
Reversed Out N
Tool Chased N
Tester Gary Pevoteaux
Co. Rep. Al Downing
Contr. Duke Drlg.
Rig # 7
Unit #
Pump T. LCM 3 #/bl

Test Successful: Y

GAS RECOVERY

COMPANY: American Warrior Inc.

DATE: 11-09-000

WELL NAME: Nielsen #4-2

KB Elev: 1917.00 ft TICKET #13213 DST #1

WELL LOCATION: 4-33s-19w Comanche co KS

GR Elev: 1904.00 ft FORMATION: Pawnee/Ft. Scott

INTERVAL Fr.: 4961.00 To 5030.00 T.D.: 5030.00 ft TEST TYPE: CONVENTIONAL

GAS RECOVERY MEASURED WITH Adjusting Choke

***** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
30	0.25	0	14	6330.0
40	0.25	0	22	7880.0
50	0.25	0	30	9200.0
60	0.25	0	38	10400.0

P.O. SUB		
C.O. SUB @ top of tool		4934
S.I. TOOL Sterling		4940
HMV Sterling		4945
JARS bowen		4950
SAFETY JOINT bowen		4952
PACKER top		4956
PACKER Btm.		4961
DEPTH 4961		
1 ft.		4962
ANCHOR		
3'perfs & sub to		4965
Alpine rec. @ 4970		
1 std. collar & sub to		5025
AK-1 rec. @ 5027		
BULLNOSE 5 ft. perforated		5030
T D		

GAS-----		
OIL-----		ML.
MUD-----		ML.
WATER-----		ML.
OTHER-----		
PRESSURE-----		PSI
Rw -----	ohms @	deg. F.
CHLORIDES-----		ppm.
GRAVITY-----	n/a	deg.API

13213 DST#1 NIELSEN #4-2 AMERICAN WARRIOR INC.

TEST HISTORY

Flag Points

t(Min.)	P (PSig)
A: 0.00	2375.90
B: 0.00	32.39
C: 29.50	50.60
D: 58.00	1661.43
E: 0.00	33.06
F: 59.50	56.89
G: 65.50	1719.67
H: 0.00	2330.67

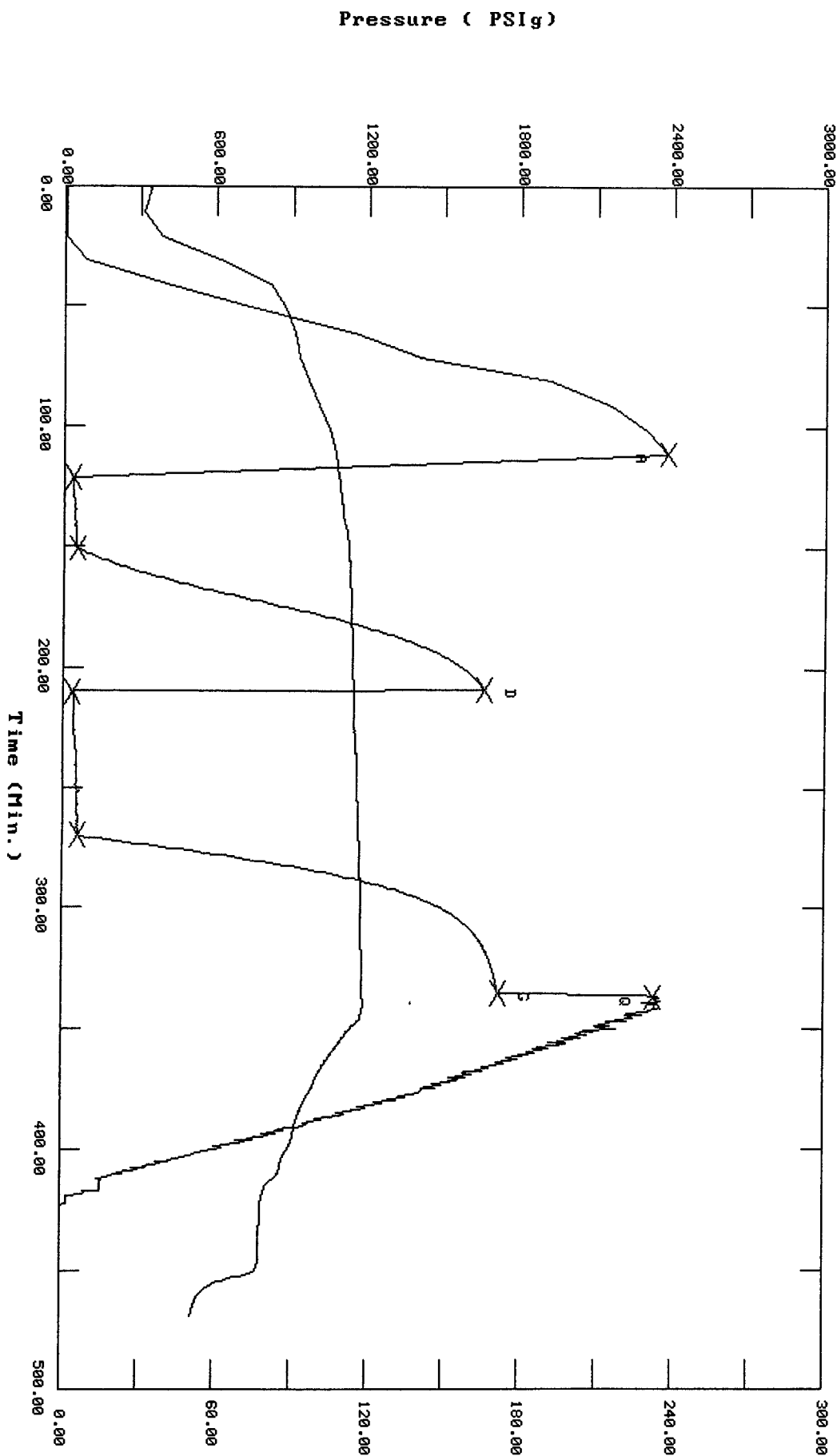
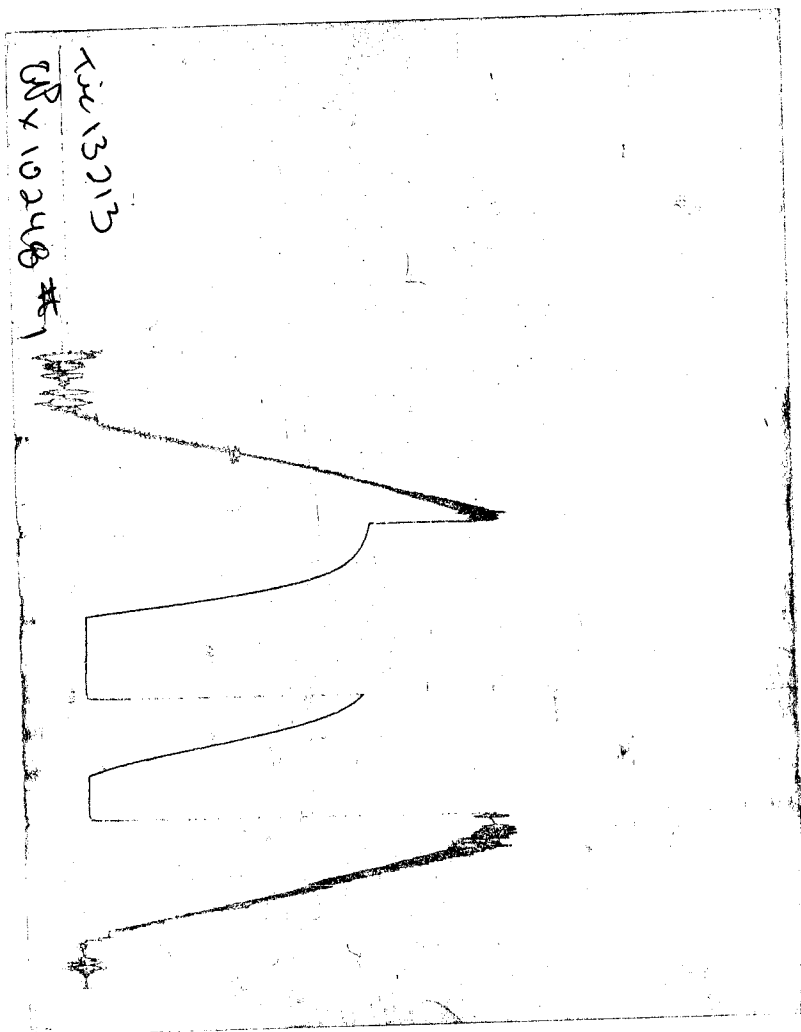


CHART PAGE



This is a photocopy of the actual AK-1 recorder chart

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

No 13213

Test Ticket

Well Name & No.	Nilsen #4-2	Test No.	1	Date	11-9-2000
Company	American Uranium Inc.	Zone Tested	Panama FT. Smith		
Address	PO Box 349, Garden City, Mo. 67846	Elevation	1917	KB	1904 GL
Co. Rep / Geo.	Al Dunning	Cont.	Duke Dwyer #7	Est. Ft. of Pay	6 Por. %
Location: Sec.	4	Twp.	33S	Rge.	19W Co. Comanche State 14
No. of Copies	5	Distribution Sheet (Y, N)	N	Turnkey (Y, N)	- Evaluation (Y, N)

Interval Tested	4961 - 5030'	Initial Str Wt./Lbs.	80,000	Unseated Str Wt./Lbs.	80,000
Anchor Length	69'	Wt. Set Lbs.	20,000	Wt. Pulled Loose/Lbs.	90,000
Top Packer Depth	4956'	Tool Weight	2100#		
Bottom Packer Depth	4961'	Hole Size — 7 7/8"	✓	Rubber Size — 6 3/4"	✓
Total Depth	5030'	Wt. Pipe Run	None	Drill Collar Run	300'
Mud Wt.	9.0 LCM 3# Vis. 52 WL 9.4	Drill Pipe Size	4 1/2" x .14	Ft. Run	4666
Blow Description	IF: Strong blow B.O.B. in 5 mins. ISI: No blow. FF: Strong blow G-TS in 25 mins. (see gas volume report) FSI: No blow.				

Recovery — Total Feet	70	GIP	yes	Ft. in DC	70	Ft. in DP	0
Rec.	70	Feet Of	CCM	8 %gas	%oil	%water	92 %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	117	°F Gravity	N/A	°API D@	~	°F Corrected Gravity	N/A
RW	N.C.	@	~	°F Chlorides	5,000	ppm Recovery	Chlorides 5,000 ppm System

	AK-1	Alpine					
(A) Initial Hydrostatic Mud	2426	2376	PSI	Recorder No.	2342	T-On Location	0650
(B) First Initial Flow Pressure	37	32	PSI	(depth)	4970'	T-Started	0800
(C) First Final Flow Pressure	46	51	PSI	Recorder No.	10248	T-Open	0956
(D) Initial Shut-In Pressure	1651	1661	PSI	(depth)	5027'	T-Pulled	1329
(E) Second Initial Flow Pressure	46	33	PSI	Recorder No.	~	T-Out	1540
(F) Second Final Flow Pressure	64	57	PSI	(depth)	~	T-Off Location	1630
(G) Final Shut-in Pressure	1718	1720	PSI	Initial Opening	30	Test	✓ 850
(Q) Final Hydrostatic Mud	2375	2331	PSI	Initial Shut-in	60	Jars	✓ 200
				Final Flow	60	Safety Joint	✓ 5
				Final Shut-in	60	Straddle	
						Circ. Sub	
						Sampler	
						Extra Packer	

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.

Approved By _____

Our Representative _____

Elec. Rec. ✓ 150
Mileage ✓ 70
Other _____
TOTAL PRICE \$ ✓ 1320 00

TRILOBITE TESTING L.L.C.

OPERATOR : American Warrior, Inc.
WELL NAME: Nielsen
LOCATION : 4-33s-19w Comanche co KS
INTERVAL : 5113.00 To 5143.00 ft

DATE 11/11/200
KB 1917.00 ft TICKET NO: 13250 DST #2
GR 1904.00 ft FORMATION: Mississippi
TD 5143.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	10991	10991	2350			PF Fr. 1926 to 1956 hr
SI 45 Range(Psi)	4200.0	4200.0	4995.0	0.0	0.0	IS Fr. 1956 to 2041 hr
SF 60 Clock(hrs)	12hr.	12hr.	elec.			SF Fr. 2041 to 2141 hr
FS 90 Depth(ft)	5140.0	5140.0	5119.0	0.0	0.0	FS Fr. 2141 to 2311 hr

	Field	1	2	3	4	
A. Init Hydro	2596.0	0.0	2317.0	0.0	0.0	T STARTED 1650 hr
B. First Flow	85.0	0.0	55.0	0.0	0.0	T ON BOTM 1923 hr
B1. Final Flow	85.0	0.0	56.0	0.0	0.0	T OPEN 1926 hr
C. In Shut-in	1151.0	0.0	1091.0	0.0	0.0	T PULLED 2311 hr
D. Init Flow	64.0	0.0	52.0	0.0	0.0	T OUT 0100 hr
E. Final Flow	64.0	0.0	63.0	0.0	0.0	
F. Fl Shut-in	1087.0	0.0	1017.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2608.0	0.0	2277.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 82000.00 lbs
						Initial Str Wt 82000.00 lbs
						Unseated Str Wt 82000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 356.41 ft
						D.P. Length 4827.59 ft

RECOVERY

Tot Fluid 150.00 ft of 150.00 ft in DC and 0.00 ft in DP	
4941.00 ft of Gas in pipe	
150.00 ft of Slightly gas cut mud	
0.00 ft of 8% gas 92% mud	
0.00 ft of	
0.00 ft of	
0.00 ft of	
0.00 ft of	
0.00 ft of	
0.00 ft of	
SALINITY 0.00 P.P.M. A.P.I. Gravity 0.00	

BLOW DESCRIPTION

Initial Flow:

Strong blow bottom of bucket in 30 seconds. Gas to surface in 5 minutes Gauge gas.

Initial Shut-In:

Bled down for 5 minutes. No blow back

Final Flow:

Strong blow bottom of bucket in 15 seconds. Gauge gas.

Final ShutIn:

Bled down for 5 minutes. No blow back

SAMPLES: Caraway Analytical, 728 N.Roosevelt
SENT TO: Liberal, Ks. 67901

Test Successful: Y

MUD DATA-----

Mud Type	Chemical
Weight	8.90 lb/cf
Vis.	50.00 S/L
W.L.	9.00 in3
F.C.	0.32 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	123.00 F
Hole Condition	Good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 n
Cushion Type	none
Reversed Out N	
Tool Chased N	
Tester	Darren L. Amerine
Co. Rep.	Al Downing
Contr.	Duke
Rig #	7
Unit #	none
Pump T.	none

GAS RECOVERY

COMPANY: American Warrior, Inc.

DATE: 11/11/200

WELL NAME: Nielsen

KB Elev: 1917.00 ft TICKET #13250 DST #2

WELL LOCATION: 4-33s-19w Comanche co KS

GR Elev: 1904.00 ft FORMATION: Mississippi

INTERVAL Fr.: 5113.00 To 5143.00 T.D.: 5143.00 ft TEST TYPE: CONVENTIONAL

GAS RECOVERY MEASURED WITH Merla gauge

***** GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
15	0.50	8	0	101000.0
25	0.50	8	0	97800.0
30	0.50	8	0	97800.0

***** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
10	0.38	14	0	79700.0
20	0.38	8	0	59300.0
30	0.38	7	0	53200.0
40	0.38	6	0	51000.0
50	0.38	6	0	48800.0
60	0.38	6	0	48800.0

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Nielsen

LOCATION : 4-33s-19w Comanche co KS

TICKET No. 13250 D.S.T. No. 2 DATE 11/11/200

TOTAL TOOL TO BOTTOM OF TOP PACKERS 28

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 37

TOTAL TOOL 65

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands 1 Single 1 Total 93

TOTAL ASSEMBLY 158

D.C. ABOVE TOOLS.Stands6 Single Total 356.41

D.P. ABOVE TOOLS.Stands76 Single Total 4734.59

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5249

TOTAL DEPTH 5243

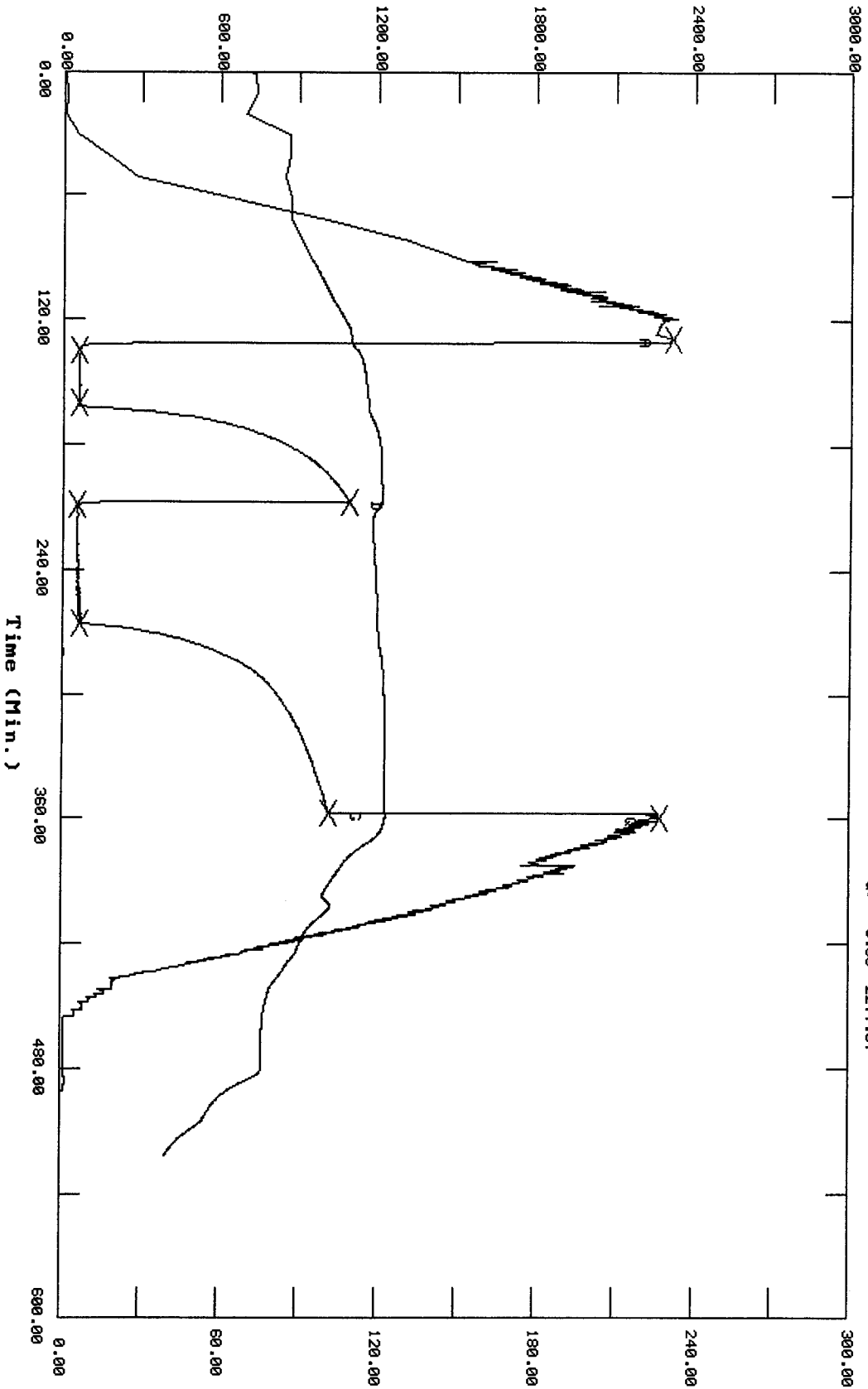
TOTAL DRILL PIPE ABOVE K.B. 6

REMARKS:

P.O. SUB Top of tool @	5086
C.O. SUB	5087
S.I. TOOL	5092
HMV	5097
JARS	5102
SAFETY JOINT	5104
PACKER	5108
PACKER	5113
DEPTH 5113	
1'to	5114
ANCHOR 31'of perms.to	5145
Alpine rec.5119	
93' of drillpipe-	5238
	5238
Ak-1 rec. @ 5140	
BULLNOSE 5'bullnose to	
T.D.	

TEST HISTORY

TK#13250 DST#2 Nielsen#4-2 American Warrior, Inc.

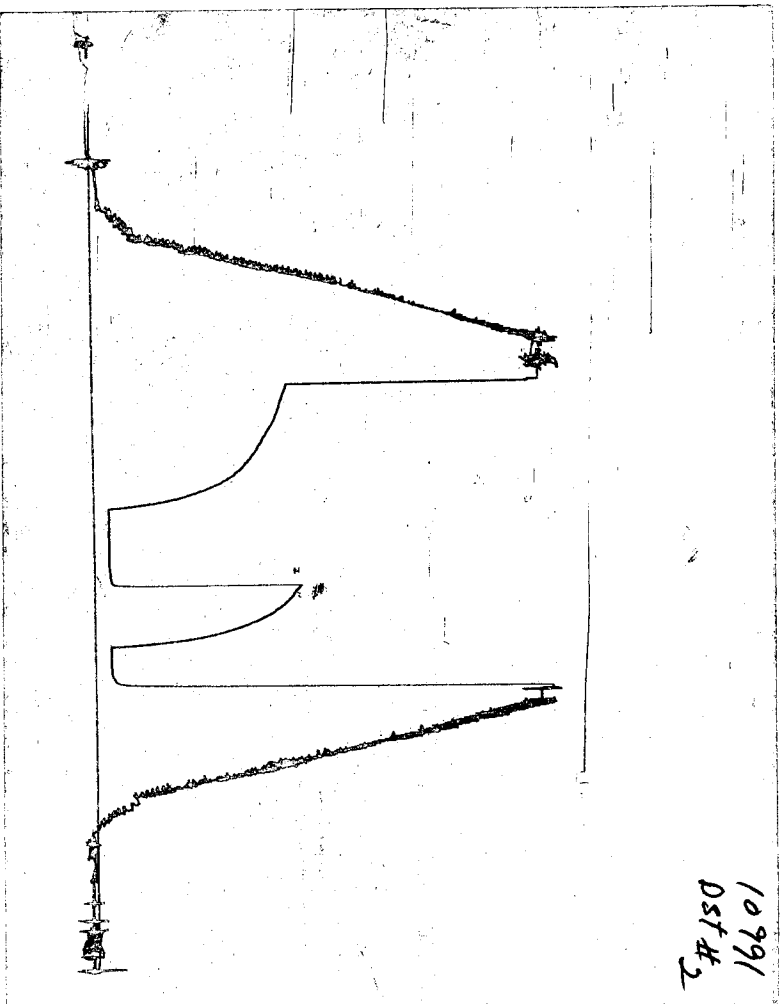


Flag Points

t (Min.)	P (PSig)
A: 0.00	2316.74
B: 0.00	54.96
C: 25.00	56.14
D: 47.00	1091.47
E: 0.00	52.19
F: 57.00	62.52
G: 91.33	1016.86
H: 0.00	2277.37

Temperature (DEG F)

CHART PAGE



This is a photocopy of the actual AK-1 recorder chart



GAS VOLUME REPORT

American Warrior

Nielsen #4-2

22
DST NO

GTS: in 5 mins

[illegible]

Remarks:

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Nº 13250

Test Ticket

Well Name & No. Nelson #4-2 Test No. #2 Date 11/10/00
Company American Warrior, Inc Zone Tested MISS.
Address P.O. Box 399 Garden City KS 67846-0399 Elevation 1917 KB 1904 GL
Co. Rep / Geo. AL Downing Cont. Duke #7 Est. Ft. of Pay Por. %
Location: Sec. 4 Twp. 33s Rge. 19 W Co. Comanche State KS
No. of Copies 5 Distribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 5115' - 5143' Initial Str Wt./Lbs. 82,000 Unseated Str Wt./Lbs. 82,000
Anchor Length 130 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 82,000
Top Packer Depth 5108' Tool Weight 2100
Bottom Packer Depth 5115' Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓
Total Depth 5215' Wt. Pipe Run 1419 Drill Collar Run 356.41'
Mud Wt. 8.9 LCM 34 Vis. 50 WL 9.0 Drill Pipe Size 4 1/2 x H Ft. Run 4827.59
Blow Description IF: Strong blow b.o.b. in 30 sec. GT 5 min. Gauge Gas.
IST: Blown down for 5 mins. No blow back.
FF: Strong blow b.o.b. in 15 sec. Gauge gas!
FST: Blown down for 5 mins
Recovery — Total Feet 150' GIP Ft. in DC 150' Ft. in DP
Rec. 150 Feet Of 56 CM %gas %oil %water 92 %mud
Rec. 4941' Feet Of Gas In pipe %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 D@ °F Corrected Gravity °API
RW @ °F Chlorides ppm Recovery Chlorides 5000 ppm System

	AK-1	Alpine		
(A) Initial Hydrostatic Mud	2596	2317	PSI Recorder No. <u>2350</u>	T-On Location <u>1600</u>
(B) First Initial Flow Pressure	85	55	PSI (depth) <u>5719</u>	T-Started <u>1850</u>
(C) First Final Flow Pressure	85	56	PSI Recorder No. <u>10991</u>	T-Open <u>1926</u>
(D) Initial Shut-In Pressure	1151	1091	PSI (depth) <u>5140</u>	T-Pulled <u>2311</u>
(E) Second Initial Flow Pressure	68	52	PSI Recorder No. <u> </u>	T-Out <u>0100</u>
(F) Second Final Flow Pressure	68	63	PSI (depth) <u> </u>	T-Off Location <u>0300</u>
(G) Final Shut-in Pressure	1087	1017	PSI Initial Opening <u>30</u>	Test <u>✓</u>
(Q) Final Hydrostatic Mud	2608	2277	PSI Initial Shut-in <u>45</u>	Jars <u>✓</u>
			Final Flow <u>60</u>	Safety Joint <u>✓</u>
			Final Shut-in <u>90</u>	Straddle <u> </u>
				Circ. Sub <u> </u>
				Sampler <u> </u>
				Extra Packer <u> </u>
				Elec. Rec. <u>✓</u>
				Mileage <u> </u>
				Other <u> </u>
				TOTAL PRICE \$ <u> </u>

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.

Approved By
Our Representative Dawn J. Downing

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, Inc
P. O. Box 2137
Liberal, Kansas 67905
Phone: 316-624-5389
Fax: 316-626-7108

Lab Number: 20005892

Analyzed: 11/15/00

Sample From: Nielsen 4-2 DST 2

Pressure:

Producer: American Warrior, Inc.

Temperature:

Date: Location: 4-33-19

Time:

County: Comanche

Sampler:

State: Kansas

Source:

Formation: Miss

	Mole %	GPM
Helium	He: 0.092	0.000
Hydrogen	H2: 0.010	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 1.195	0.000
Carbon Dioxide	CO2: 0.047	0.000
Methane	C1: 94.018	0.000
Ethane	C2: 2.775	0.742
Propane	C3: 0.940	0.259
Iso Butane	iC4: 0.145	0.047
Normal Butane	nC4: 0.299	0.094
Iso Pentane	iC5: 0.096	0.035
Normal Pentane	nC5: 0.101	0.037
Hexanes Plus	C6+: 0.282	0.123

TOTAL: 100.000 1.338

Z Fact: 0.9978

SP.GR.: 0.6008

BTU (SAT): 1045.5 @ 14.73 psia

BTU (DRY): 1064.0 @ 14.73 psia

OCTANE RATING: 126.6

COMMENTS:

0.000