

15-055-21495

9-24s-32w

WELL NAME: Worf #42-9
COMPANY: Westport Oil & Gas
LOCATION: 9-24S-32W
Finney County Kansas
DATE: 06/02/96

TRILOBITE TESTING L.L.C.

OPERATOR : Westport Oil & Gas Inc
 WELL NAME: Worf #42-9
 LOCATION : 9-24S-32W, Finney Cty KS
 INTERVAL : 4429.00 To 4492.00 ft

DATE 05/30/96
 KB 0.00 ft
 GR 2422.00 ft
 TD 4492.00 ft

TICKET NO: 9009
 FORMATION: Marmaton
 TEST TYPE: CONV

DST #1

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----	
PF 30	AK-1	AK-1	AK-1			PF Fr. 1956 to 2026 hr	
SI 60	Range(Psi)	4050.0	4050.0	4075.0	0.0	0.0	IS Fr. 2026 to 2126 hr
SF 30	Clock(hrs)	12	12	12			SF Fr. 2126 to 2156 hr
FS 120	Depth(ft)	4489.0	4489.0	4433.0	0.0	0.0	FS Fr. 2156 to 2356 hr

	Field	1	2	3	4	
A. Init Hydro	2288.0	2284.0	0.0	0.0	0.0	T STARTED 1800 hr
B. First Flow	76.0	32.0	0.0	0.0	0.0	T ON BOTM 1954 hr
B1. Final Flow	65.0	26.0	0.0	0.0	0.0	T OPEN 1956 hr
C. In Shut-in	338.0	316.0	0.0	0.0	0.0	T PULLED 2356 hr
D. Init Flow	65.0	39.0	0.0	0.0	0.0	T OUT 0220 hr
E. Final Flow	65.0	39.0	0.0	0.0	0.0	
F. Fl Shut-in	502.0	494.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2248.0	2238.0	0.0	0.0	0.0	Tool Wt. 0.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 2000.00 lbs
						Wt Pulled Loose 0.00 lbs
						Initial Str Wt 70000.00 lbs
						Unseated Str Wt 50000.00 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 0.00 ft
						D.P. Length 4445.00 ft

RECOVERY

Tot Fluid 25.00 ft of 0.00 ft in DC and 25.00 ft in DP
 25.00 ft of Drilling mud w/ specks of oil

SALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow -
 Weak surface blow built to .25"
 throughout

Final Flow -
 No blow

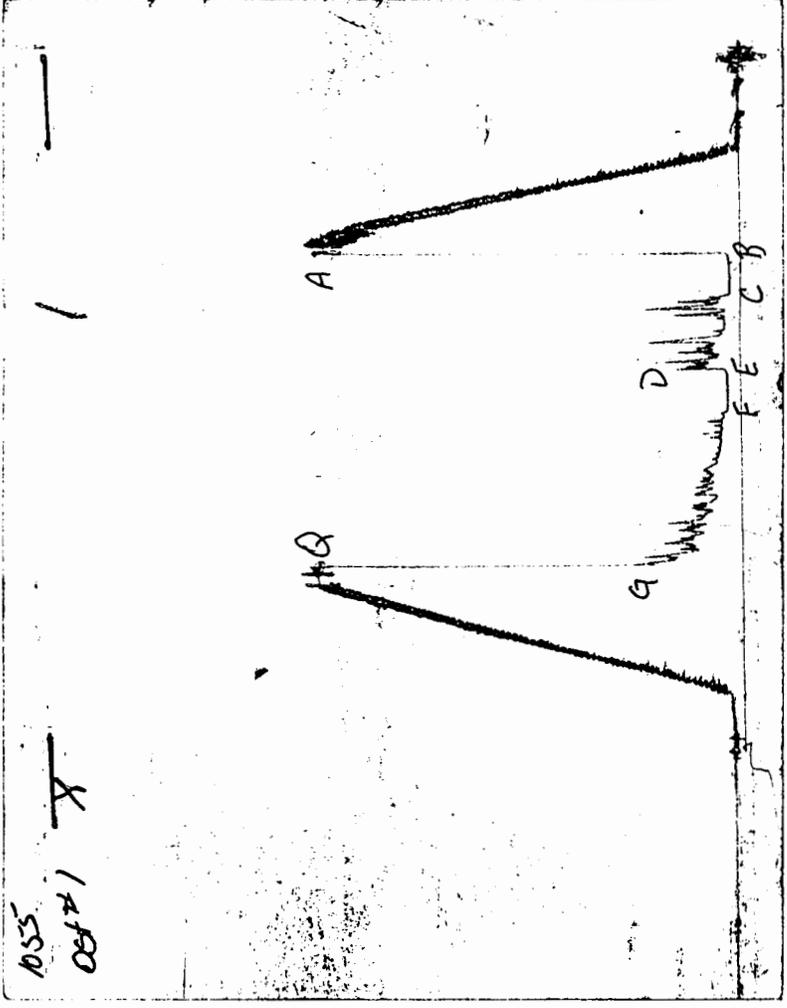
SAMPLES:
 SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.20 lb/c
Vis.	44.00 S/L
W.L.	9.00 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	0.00 F
Hole Condition	
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Mike Colantonio
Co. Rep.	Larry Benedict
Contr.	Abercrombie
Rig #	7
Unit #	
Pump T.	

Test Successful: Y

CHART PAGE



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

*** TOOL DIAGRAM *** CONV

WELL NAME: Worf #42-9

LOCATION : 9-24S-32W, Finney Cty KS

TICKET No. 9009 D.S.T. No. 1 DATE 05/30/96

TOTAL TOOL TO BOTTOM OF TOP PACKERS 32

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 32

TOTAL TOOL 64

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single 1 Total 31

TOTAL ASSEMBLY 95

D.C. ABOVE TOOLS.Stands Single Total

D.P. ABOVE TOOLS.Stands Single Total 4414

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4509

TOTAL DEPTH 4492

TOTAL DRILL PIPE ABOVE K.B. 17

REMARKS:

FLUID SAMPLER DATA

SAMPLER RECOVERY -

Mud 4000 ml, Oil film, Pressure 100 PSI,
Total 4000 ml

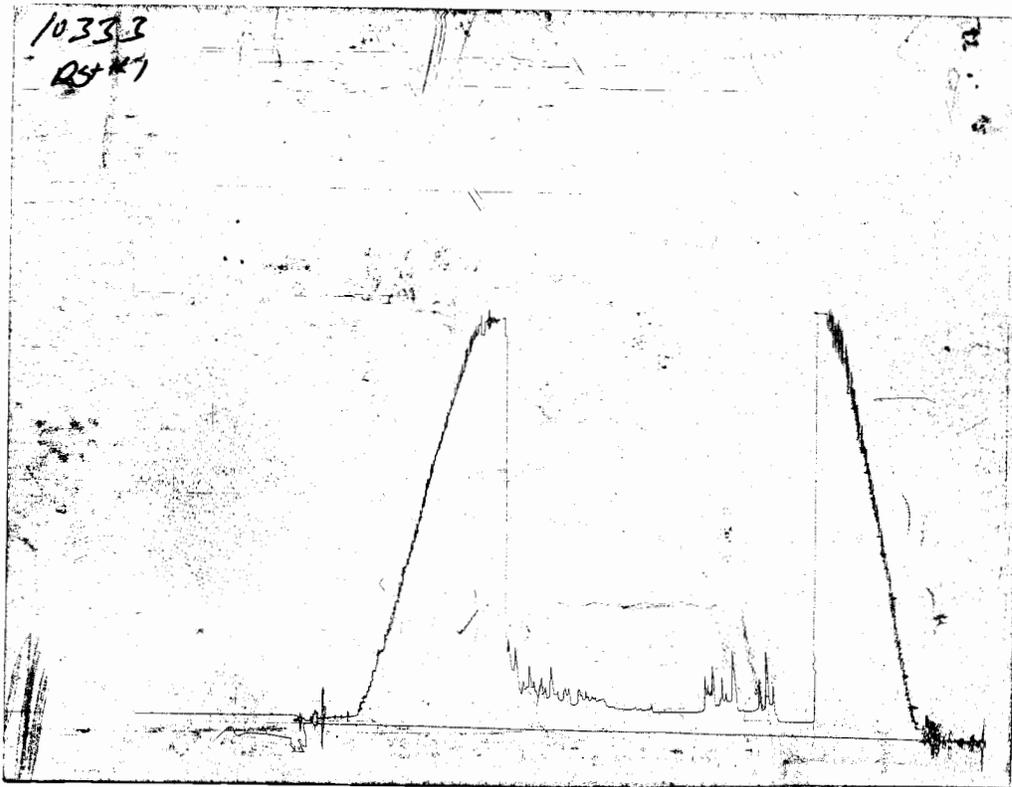
PIT MUD ANALYSIS -

Chlorides 1500 ppm, Viscosity 44,
Mud Wt 9.2, Filtrate 9.0

P.O. SUB	
C.O. SUB	4397
S.I. TOOL	4403
Sampler	4408
HMV	4413
JARS	4418
SAFETY JOINT	4420
PACKER	4424
PACKER	4429
DEPTH 4429	
STUBB	4430
ANCHOR	
AK-1 recorder	4433
perf	
1 jt drill pipe	
T.C.	
DEPTH	
AK-1 recorder	4489
BULLNOSE	
T.D.	4492

Well name Worf
DST # 1
Recorder # 1055

2	A	2284
3	B	32
4	C	26
5	D	316
6	E	39
7	F	39
8	G	494
9	H	2238
10		
11		
12		



TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

N^o 9009

Well Name & No. WOLF #42-9 Test No. 1 Date 5-30-96
 Company Westport Oil & Gas Zone Tested Marmaton
 Address 410 Severn Kenneth St. Suite 240 Denver Colo 80202 Elevation 2892 GL
 Co. Rep / Geo. Larry Benedict Cont. Abercrombie Rig #7 Est. Ft. of Pay 10 Por. %
 Location: Sec. 9 Twp. 24S Rge. 32W Co. Finney State K.S.
 No. of Copies Distribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 4429-4492 Initial Str Wt./Lbs. 70,000 Unseated Str Wt./Lbs. 50,000
 Anchor Length 63' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs.
 Top Packer Depth 4424 Hole Size — 7 7/8" X Rubber Size — 6 3/4" X
 Bottom Packer Depth 4429 Wt. Pipe I.D. — 2.7 Ft. Run
 Total Depth 4492 Drill Collar — 2.25 Ft. Run NONC
 Mud Wt. 9.2 LCM 1 Vis. 44 WL 9.0 Drill Pipe Size 4 1/2 X-Hole Ft. Run 4445
 Blow Description Weak Surface Blow Built to 1/4 in through

2nd. Open NO Blow.

Recovery — Total Feet	Ft. in DC	Ft. in WP	Ft. in DP	%gas	%oil	%water	%mud
<u>25</u>	<u> </u>	<u> </u>	<u>25'</u>	<u> </u>	<u> </u>	<u>100</u>	<u> </u>
Rec. <u>25</u>	Feet Of <u>Only mud spec of oil</u>						
Rec. <u> </u>	Feet Of <u> </u>						
Rec. <u> </u>	Feet Of <u> </u>						
Rec. <u> </u>	Feet Of <u> </u>						
Rec. <u> </u>	Feet Of <u> </u>						

BHT °F Gravity °API D@ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides 1,500 ppm System

- (A) Initial Hydrostatic Mud 2288 PSI Recorder No. 10333 T-Started 6:00 pm.
- (B) First Initial Flow Pressure 76 PSI @ (depth) 4433 T-Open 7:56 pm.
- (C) First Final Flow Pressure 65 PSI Recorder No. 1055 T-Pulled 11:56 pm
- (D) Initial Shut-in Pressure 338 PSI @ (depth) 4489 T-Out 2:20 am
- (E) Second Initial Flow Pressure 65 PSI Recorder No.
- (F) Second Final Flow Pressure 65 PSI @ (depth)
- (G) Final Shut-in Pressure 502 PSI Initial Opening 30 min. Test ✓ Conventional 600
- (H) Final Hydrostatic Mud 2248 PSI Initial Shut-in 60 min. Jars ✓ 200

Final Flow 30 min Safety Joint ✓ 50

Final Shut-in 120 min Straddle

Circ. Sub ✓ N/C

Sampler ✓ 200

Extra Packer

Elect. Rec.

Other

TOTAL PRICE \$ 10.50

Approved By Larry G. Benedict

Our Representative Mr. Colantoni

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.

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. # 9009 Date 5-30-96
Company Name Westport Oil & Gas.
Lease WorF # 42-9 Test No. DST #1
County Finney Sec. 9 Twp. 24S Rng. 32W

SAMPLER RECOVERY

Gas _____ ML
Oil _____ ML
Mud 4000 With Film of Oil ML
Water _____ ML
Other _____ ML
Pressure 100 PSI
Total 4000 ML

PIT MUD ANALYSIS

Chlorides 1,500 ppm.
Resistivity _____ ohms @ _____ F
Viscosity 44
Mud Weight 9.2
Filtrate 9.0
Other _____

SAMPLER ANALYSIS

Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.
Gravity _____ corrected @ 60 F

PIPE RECOVERY

TOP
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.
MIDDLE
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.
BOTTOM
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

TRILOBITE TESTING L.L.C.

OPERATOR : Westport Oil & Gas Inc
 WELL NAME: Worf #42-9
 LOCATION : 9-24S-32W, Finney Cty KS
 INTERVAL : 4594.00 To 4604.00 ft

DATE 05/31/96
 KB 2827.00 ft
 GR 2822.00 ft
 TD 4604.00 ft

TICKET NO: 9010
 FORMATION: Cherokee
 TEST TYPE: CONV

DST #2

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	AK-1	AK-1	AK-1			PF Fr. 1902 to 1932 hr
SI 60 Range (Psi)	4050.0	4050.0	4075.0	0.0	0.0	IS Fr. 1932 to 2032 hr
SF 30 Clock(hrs)	12	12	12			SF Fr. 2032 to 2102 hr
FS 120 Depth(ft)	4601.0	4601.0	4596.0	0.0	0.0	FS Fr. 2102 to 2302 hr

	Field	1	2	3	4	
A. Init Hydro	2298.0	2313.0	0.0	0.0	0.0	T STARTED 1730 hr
B. First Flow	11.0	25.0	0.0	0.0	0.0	T ON BOTM 1900 hr
B1. Final Flow	11.0	25.0	0.0	0.0	0.0	T OPEN 1902 hr
C. In Shut-in	255.0	262.0	0.0	0.0	0.0	T PULLED 2302 hr
D. Init Flow	11.0	33.0	0.0	0.0	0.0	T OUT 0100 hr
E. Final Flow	11.0	33.0	0.0	0.0	0.0	
F. Fl Shut-in	623.0	634.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2288.0	2282.0	0.0	0.0	0.0	Tool Wt. 0.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 20000.00 lbs

RECOVERY

Tot Fluid 20.00 ft of 0.00 ft in DC and 20.00 ft in DP
 20.00 ft of Drilling mud w/ oil specks

Initial Str Wt 70000.00 lbs
 Unseated Str Wt 50000.00 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 0.00 ft
 D.P. Length 4569.00 ft

SALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow -
 Weak surface blow for 20 min,
 then died

Final Flow -
 No blow

MUD DATA-----
 Mud Type Chemical
 Weight 9.20 lb/c:
 Vis. 43.00 S/L
 W.L. 8.80 in3
 F.C. 0.00 in
 Mud Drop

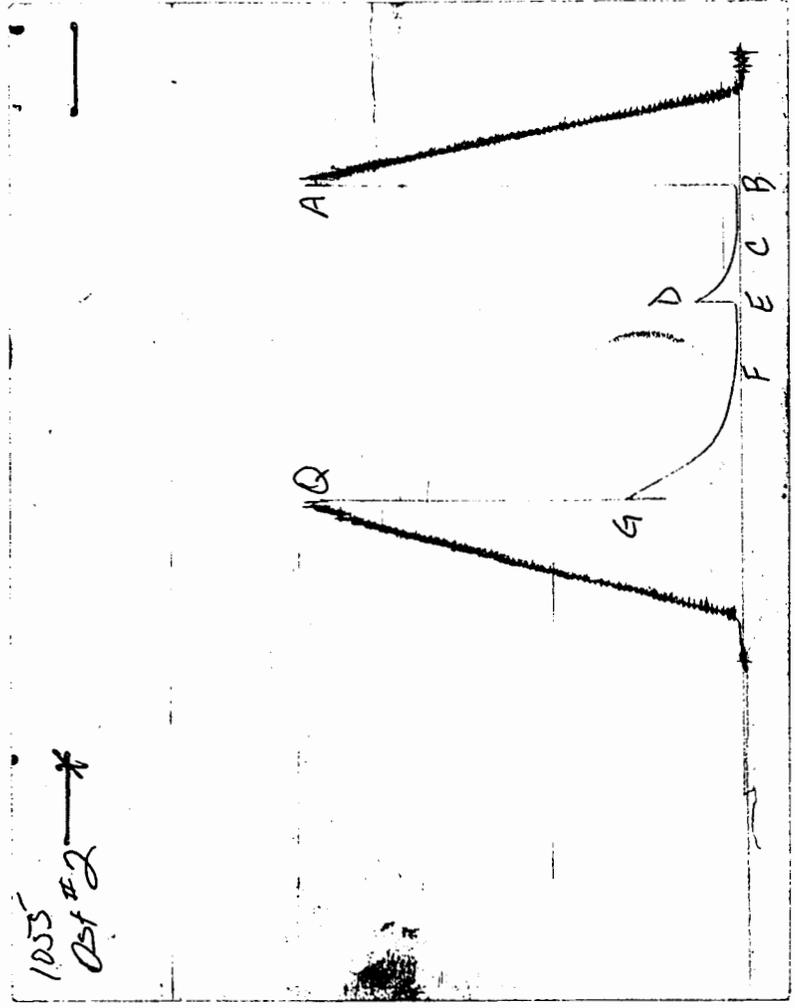
Amt. of fill 0.00 ft
 Btm. H. Temp. 108.00 F
 Hole Condition
 % Porosity 0.00
 Packer Size 6.75 in
 No. of Packers 2
 Cushion Amt. 0.00
 Cushion Type
 Reversed Out
 Tool Chased

SAMPLES:
 SENT TO:

Tester Mike Colantonio
 Co. Rep. Larry Benedict
 Contr. Abercrombie
 Rig # 4
 Unit #
 Pump T.

Test Successful: Y

CHART PAGE



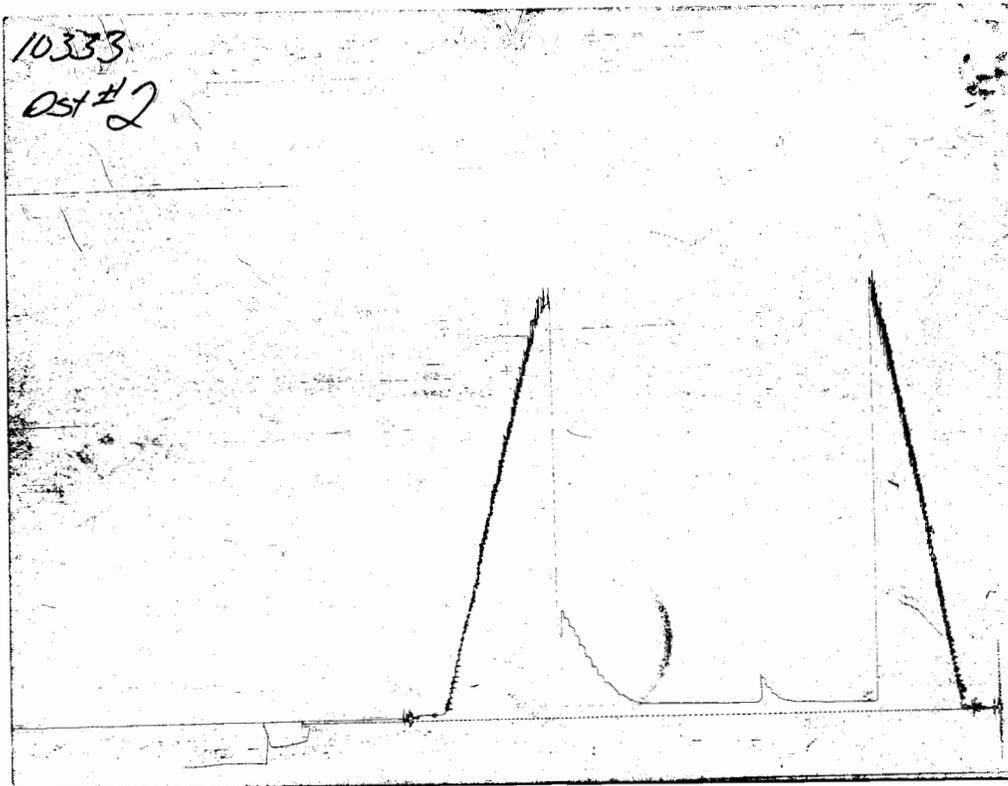
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*** TOOL DIAGRAM *** CONV

WELL NAME: Worf #42-9	P.O. SUB	
	C.O. SUB	4563
LOCATION : 9-24S-32W, Finney Cty KS	S.I. TOOL	4569
TICKET No. 9010 D.S.T. No. 2 DATE 05/31/96	Sampler	4572
TOTAL TOOL TO BOTTOM OF TOP PACKERS 31	HMV	4577
INTERVAL TOOL		
BOTTOM PACKERS AND ANCHOR 10	JARS	4582
TOTAL TOOL 41		
DRILL COLLAR ANCHOR IN INTERVAL		
D.C. ANCHOR STND.Stands Single Total	SAFETY JOINT	4584
D.P. ANCHOR STND.Stands Single Total	PACKER	4589
TOTAL ASSEMBLY 41	PACKER	4594
D.C. ABOVE TOOLS.Stands Single Total	DEPTH 4594	
D.P. ABOVE TOOLS.Stands Single Total 4569	STUBB	4595
TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4610	ANCHOR	
TOTAL DEPTH 4604	AK-1 Recorder	4596
TOTAL DRILL PIPE ABOVE K.B. 6		
REMARKS:	perf	
FLUID SAMPLER DATA		
SAMPLER RECOVERY -	T.C.	
Mud 4000 ml, Oil trace, Pressure 25 PSI,	DEPTH	
Total 4000 ml		
PIT MUD ANALYSIS -		
Chlorides 2000 ppm, Viscosity 43,	AK-1 Recorder	4601
Mud Wt 9.2, Filtrate 8.8		
	BULLNOSE	
	T.D.	4604

Well name Worf
DST # 2
Recorder # 1055

1			
2	A		2313
3	B		25
4	C		25
5	D		262
5	E		33
7	F		33
3	G		634
3	H		2282
10			
11			
12			



TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

N^o 9010

Well Name & No.	<u>Wolf #40-9</u>	Test No.	<u>#2</u>	Date	<u>5-31-96</u>				
Company	<u>Westport Oil & Gas</u>	Zone Tested	<u>Charkec</u>						
Address	<u>41017th St Suite 2110 Denver Colo. 80202</u>		Elevation	<u>2827</u>	KB <u>2822</u> GL				
Co. Rep / Geo.	<u>Larry Benedict</u>	Cont.	<u>Abbeville Rig #4</u>	Est. Ft. of Pay	___ Por. ___ %				
Location: Sec.	<u>9</u>	Twp.	<u>24S</u>	Rge.	<u>32W</u>	Co.	<u>Finney</u>	State	<u>KS</u>
No. of Copies	___	Distribution Sheet (Y, N)	<u>N</u>	Turnkey (Y, N)	<u>N</u>	Evaluation (Y, N)	___		

Interval Tested	<u>4594-4604</u>	Initial Str Wt./Lbs.	<u>70,000</u>	Unseated Str Wt./Lbs.	<u>50,000</u>
Anchor Length	<u>10'</u>	Wt. Set Lbs.	<u>20,000</u>	Wt. Pulled Loose/Lbs.	<u>70,000</u>
Top Packer Depth	<u>4569</u>	Hole Size — 7 7/8"	<u>X</u>	Rubber Size — 6 3/4"	<u>X</u>
Bottom Packer Depth	<u>4594</u>	Wt. Pipe I.D. — 2.7 Ft. Run	___		
Total Depth	<u>4604</u>	Drill Collar — 2.25 Ft. Run	___		
Mud Wt.	<u>9.2</u> LCM <u>0</u> Vis. <u>43</u> WL <u>8.8</u>	Drill Pipe Size	<u>4 1/2 X-16 1/2</u>	Ft. Run	<u>4569</u>
Blow Description	<u>Weak Surface Blow For 20 min then died</u>				

2nd opening NO Blow

Recovery — Total Feet	<u>20</u>	Ft. in DC	___	Ft. in WP	___	Ft. in DP	<u>20</u>				
Rec.	<u>20</u>	Feet Of	<u>Drly mud with Oil Sec.</u>	%gas	___	%oil	___	%water	<u>100</u>	%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	<u>108</u>	°F Gravity	___	°API D@	___	°F Corrected Gravity	___	°API	___		
RW	___	@	___	°F Chlorides	___	ppm Recovery	___	Chlorides	<u>2,000</u>	ppm System	___
(A) Initial Hydrostatic Mud	<u>2298</u>	PSI	Recorder No.	<u>10333</u>	T-Started	<u>5:30 pm</u>					
(B) First Initial Flow Pressure	<u>11</u>	PSI	@ (depth)	<u>4596</u>	T-Open	<u>7:02 pm</u>					
(C) First Final Flow Pressure	<u>11</u>	PSI	Recorder No.	<u>1055</u>	T-Pulled	<u>11:08 pm</u>					
(D) Initial Shut-in Pressure	<u>255</u>	PSI	@ (depth)	<u>4601</u>	T-Out	<u>1:00 am</u>					
(E) Second Initial Flow Pressure	<u>11</u>	PSI	Recorder No.	___							
(F) Second Final Flow Pressure	<u>11</u>	PSI	@ (depth)	___							
(G) Final Shut-in Pressure	<u>623</u>	PSI	Initial Opening	<u>30 min.</u>	Test	<u>Conventional 600</u>					
(H) Final Hydrostatic Mud	<u>2288</u>	PSI	Initial Shut-in	<u>60 min.</u>	Jars	<u>200</u>					
			Final Flow	<u>30 min.</u>	Safety Joint	<u>50</u>					
			Final Shut-in	<u>180 min.</u>	Straddle	___					

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Approved By Larry G. Benedict
Our Representative Mike Charlton

Circ. Sub N/K
Sampler 200
Extra Packer ___
Elect. Rec. ___
Other ___
TOTAL PRICE \$ 1050

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 9010 Date 5-31-96
Company Name Westport Oil & Gas
Lease Well # 42-9 Test No. DS1 #2
County Finney Sec. 9 Twp. 24S Rng. 33W

SAMPLER RECOVERY

Gas _____ ML
Oil _____ ML
Mud 4000ml Trace of Oil ML
Water _____ ML
Other _____ ML
Pressure 25 psi PSI
Total 4000 ML

PIT MUD ANALYSIS

Chlorides 2,000 ppm.
Resistivity _____ ohms @ _____ F
Viscosity 43
Mud Weight 9.2
Filtrate 8.8
Other _____

SAMPLER ANALYSIS

Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.
Gravity _____ corrected @ 60 F

PIPE RECOVERY

TOP
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.
MIDDLE
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.
BOTTOM
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

TRILOBITE TESTING L.L.C.

OPERATOR : Westport Oil & Gas Co
 WELL NAME: Worf #42-9
 LOCATION : 9-24S-32W, Finney Cty KS
 INTERVAL : 4855.00 To 4870.00 ft

DATE 06/02/96
 KB 2827.00 ft
 GR 2822.00 ft
 TD 4870.00 ft

TICKET NO: 9011
 FORMATION: St Louis C
 DST #3
 TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----	
PF 30	AK-1	AK-1	AK-1			PF Fr. 0913 to 0943 hr	
SI 60	Range(Psi)	4050.0	4050.0	4075.0	0.0	0.0	IS Fr. 0943 to 1043 hr
SF 60	Clock(hrs)	12	12	12			SF Fr. 1043 to 1143 hr
FS 120	Depth(ft)	4867.0	4867.0	4857.0	0.0	0.0	FS Fr. 1143 to 1343 hr

	Field	1	2	3	4	
A. Init Hydro	2472.0	2466.0	0.0	0.0	0.0	T STARTED 0725 hr
B. First Flow	22.0	20.0	0.0	0.0	0.0	T ON BOTM 0910 hr
B1. Final Flow	43.0	31.0	0.0	0.0	0.0	T OPEN 0913 hr
C. In Shut-in	1016.0	1008.0	0.0	0.0	0.0	T PULLED 1343 hr
D. Init Flow	43.0	37.0	0.0	0.0	0.0	T OUT 1545 hr
E. Final Flow	54.0	50.0	0.0	0.0	0.0	
F. Fl Shut-in	835.0	845.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2339.0	2350.0	0.0	0.0	0.0	Tool Wt. 0.00 lbs
Inside/Outside	O	O	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 0.00 lbs
						Initial Str Wt 74000.00 lbs
						Unseated Str Wt 54000.00 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 0.00 ft
						D.P. Length 4850.00 ft

RECOVERY

Tot Fluid 75.00 ft of 0.00 ft in DC and 75.00 ft in DP
 70.00 ft of Water - 100% water
 5.00 ft of Drilling mud - 100% mud

SALINITY 35000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow -
 Weak surface blow

Final Flow -
 No blow

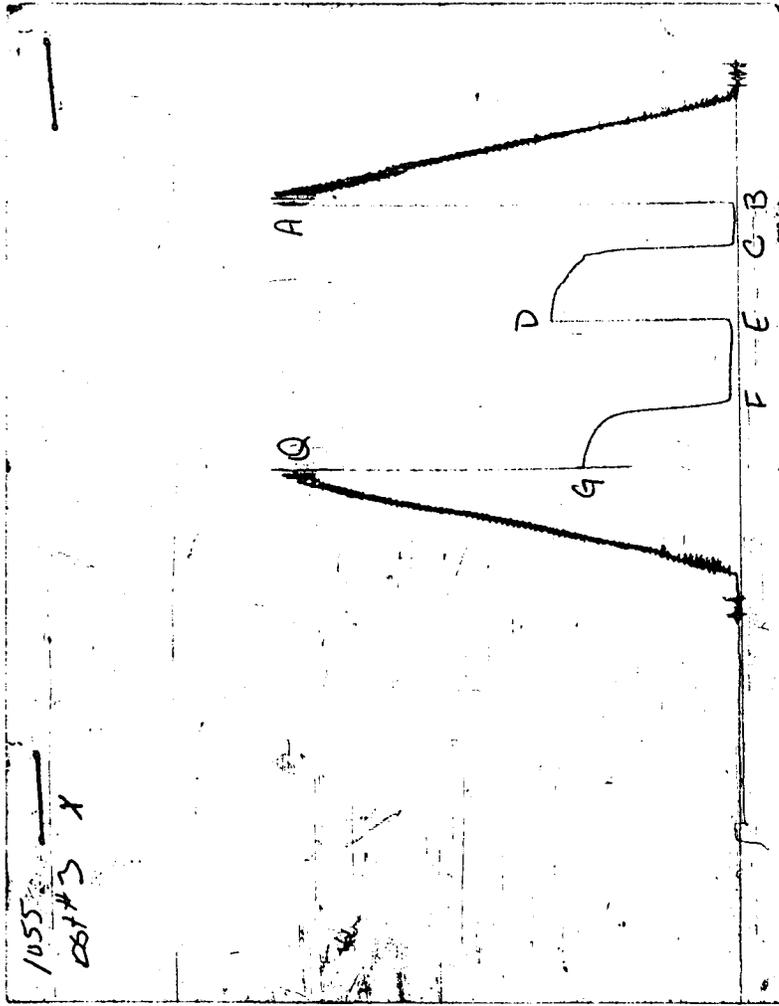
MUD DATA-----

Mud Type	Chemical
Weight	9.30 lb/c:
Vis.	44.00 S/L
W.L.	9.00 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	112.00 F
Hole Condition	
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Mike Colantonio
Co. Rep.	Larry Benedict
Contr.	Abercrombie
Rig #	4
Unit #	
Pump T.	

SAMPLES:
 SENT TO:

Test Successful:

CHART PAGE



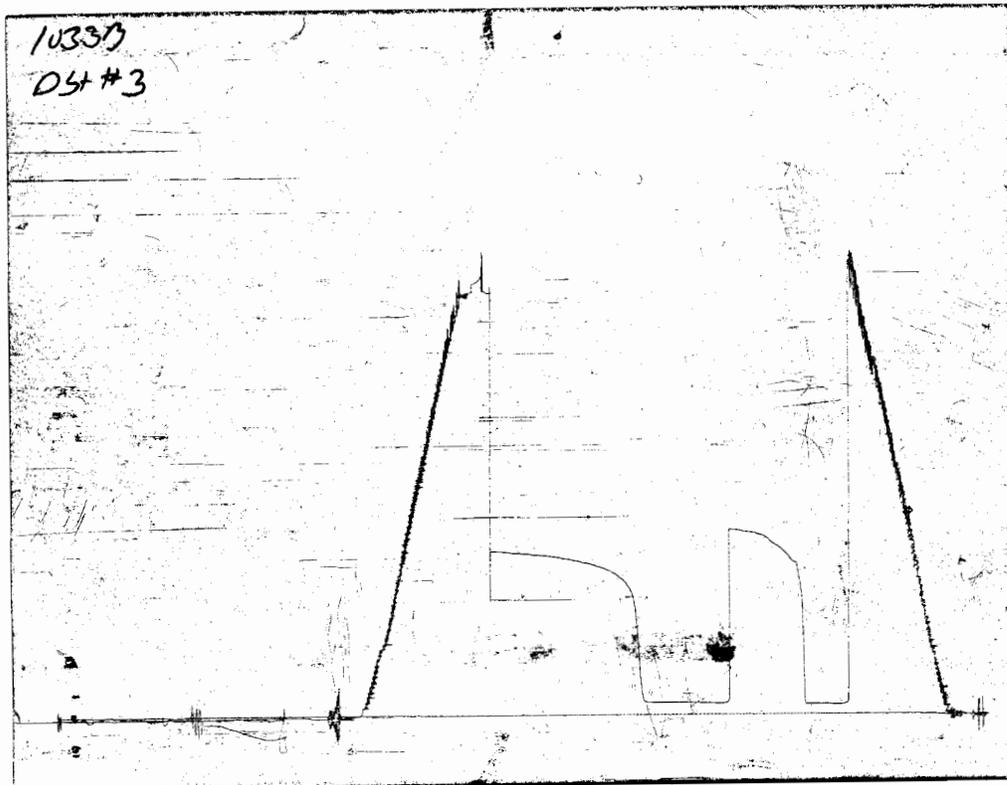
This is a photocopy of the actual AK-1 recorder chart

*** TOOL DIAGRAM *** CONV

WELL NAME: Worf #42-9	P.O. SUB	
	C.O. SUB	4828
LOCATION : 9-24S-32W, Finney Cty KS	S.I. TOOL	4834
TICKET No. 9011 D.S.T. No. 3 DATE 06/02/96		
TOTAL TOOL TO BOTTOM OF TOP PACKERS 27	HMV	4839
INTERVAL TOOL		
BOTTOM PACKERS AND ANCHOR 15	JARS	4844
TOTAL TOOL 42		
DRILL COLLAR ANCHOR IN INTERVAL		
D.C. ANCHOR STND.Stands Single Total	SAFETY JOINT	4846
D.P. ANCHOR STND.Stands Single Total	PACKER	4850
TOTAL ASSEMBLY 42	PACKER	4855
D.C. ABOVE TOOLS.Stands Single Total	DEPTH 4855	
D.P. ABOVE TOOLS.Stands Single Total 4850	STUBB	4856
TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4892	ANCHOR	
TOTAL DEPTH 4870	AK-1 Recorder	4857
TOTAL DRILL PIPE ABOVE K.B. 22		
REMARKS:	Perf	
FLUID SAMPLER DATA		
SAMPLER RECOVERY -	T.C.	
Mud 200 ml, Water 3800 ml, Pressure 25 PSI,	DEPTH	
Total 4000 ml		
SAMPLER ANALYSIS -		
Resist .152 ohms @ 91 F, Chlorides 35000 ppm		
PIT MUD ANALYSIS -		
Chlorides 2000 ppm, Viscosity 44, Mud Wt 9.3		
Filtrate 9.0		
PIPE RECOVERY - Top -	AK-1 Recorder	4867
Resist .235 ohms @ 90 F, Chlorides 24000 ppm		
	BULLNOSE Bull plug	
	T.D.	4870

Well name Wolf
DST # 3
Recorder # 1055

A		2466	
B		20	
C		31	
D		1008	
E		37	
F		50	
G		845	
H		2350	
3			
1			
2			



TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

N^o 9011

Well Name & No.	<u>Worf # 429</u>	Test No.	<u>#3</u>	Date	<u>6-2-96</u>
Company	<u>Westport Oil & Gas</u>	Zone Tested	<u>St. Louis (C)</u>		
Address	<u>410 17th St. Suite 2110 Denver Colo. 80202</u>	Elevation	<u>2827</u>	KB	<u>2822</u> GL
Co. Rep / Geo.	<u>Larry Benedick</u>	Cont.	<u>Abercrombie Rig #4</u>	Est. Ft. of Pay	<u>9</u> Por. <u> </u> %
Location: Sec.	<u>9</u>	Twp.	<u>24S</u>	Rge.	<u>32W</u> Co. <u>Finney</u> State <u>Ks.</u>
No. of Copies	<u> </u>	Distribution Sheet (Y, N)	<u>N</u>	Turnkey (Y, N)	<u>N</u> Evaluation (Y, N) <u> </u>

Interval Tested	<u>4855 - 4870</u>	Initial Str Wt./Lbs.	<u>27000</u>	Unseated Str Wt./Lbs.	<u>54000</u>
Anchor Length	<u>15'</u>	Wt. Set Lbs.	<u>20,000</u>	Wt. Pulled Loose/Lbs.	<u> </u>
Top Packer Depth	<u>4850</u>	Hole Size — 7 7/8"	<u>X</u>	Rubber Size — 6 3/4"	<u>X</u>
Bottom Packer Depth	<u>4855</u>	Wt. Pipe I.D. — 2.7 Ft. Run	<u> </u>	Drill Collar — 2.25 Ft. Run	<u> </u>
Total Depth	<u>4870</u>	Drill Pipe Size	<u>1 1/2 X-Hole</u>	Ft. Run	<u>4850</u>
Mud Wt.	<u>9.3</u>	LCM	<u>i</u>	Vis.	<u>44</u> WL <u>9.0</u>
Blow Description	<u>Weak Surface Blow</u>				

And opening NO Blow

Recovery — Total Feet	<u>75</u>	Ft. in DC	<u> </u>	Ft. in WP	<u> </u>	Ft. in DP	<u>75</u>				
Rec.	<u>70</u>	Feet Of	<u>Water</u>	%gas	<u> </u>	%oil	<u>100</u>	%water	<u> </u>	%mud	<u> </u>
Rec.	<u> </u>	Feet Of	<u> </u>	%gas	<u> </u>	%oil	<u> </u>	%water	<u> </u>	%mud	<u> </u>
Rec.	<u>5</u>	Feet Of	<u>Drily mud</u>	%gas	<u> </u>	%oil	<u> </u>	%water	<u>100</u>	%mud	<u> </u>
Rec.	<u> </u>	Feet Of	<u> </u>	%gas	<u> </u>	%oil	<u> </u>	%water	<u> </u>	%mud	<u> </u>
Rec.	<u> </u>	Feet Of	<u> </u>	%gas	<u> </u>	%oil	<u> </u>	%water	<u> </u>	%mud	<u> </u>

BHT	<u>112</u>	°F Gravity	<u> </u>	°API D@	<u> </u>	°F Corrected Gravity	<u> </u>	°API	<u> </u>		
RW	<u> </u>	@	<u> </u>	°F Chlorides	<u>35,000</u>	ppm Recovery	<u> </u>	Chlorides	<u>2,000</u>	ppm System	<u> </u>
(A) Initial Hydrostatic Mud	<u>2478</u>	PSI	Recorder No.	<u>10333</u>	T-Started	<u>7:25 Am.</u>					
(B) First Initial Flow Pressure	<u>22</u>	PSI	@ (depth)	<u>4857</u>	T-Open	<u>9:13 Am.</u>					
(C) First Final Flow Pressure	<u>43</u>	PSI	Recorder No.	<u>1055</u>	T-Pulled	<u>1:43 pm</u>					
(D) Initial Shut-in Pressure	<u>1016</u>	PSI	@ (depth)	<u>4867</u>	T-Out	<u>3:15 pm</u>					
(E) Second Initial Flow Pressure	<u>43</u>	PSI	Recorder No.	<u> </u>							
(F) Second Final Flow Pressure	<u>54</u>	PSI	@ (depth)	<u> </u>							
(G) Final Shut-in Pressure	<u>835</u>	PSI	Initial Opening	<u>30 min.</u>	Test	<u>Conventional</u> <u>W00</u>					
(H) Final Hydrostatic Mud	<u>2339</u>	PSI	Initial Shut-in	<u>60 min.</u>	Jars	<u> </u> <u>200</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 Larry G. Benedick
Our Representative Mike Colantoni

Final Flow 60 min. Safety Joint 50
Final Shut-in 120 min. Straddle
Circ. Sub W/C
Sampler 200
Extra Packer
Elect. Rec.
Other
TOTAL PRICE \$ 1050

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 9011 Date 6-2-96
Company Name Wastport O.L & GAS
Lease Work # 42-9 Test No. DSI # 3
County Finney Sec. 9 Twp. 24S Rng. 32W

SAMPLER RECOVERY

Gas _____ ML
Oil _____ ML
Mud 200 ML
Water 3800 ML
Other _____ ML
Pressure 25 PSI
Total 4,000 ML

PIT MUD ANALYSIS

Chlorides 2,000 ppm.
Resistivity _____ ohms @ _____ F
Viscosity 44
Mud Weight 9.3
Filtrate 9.0
Other _____

SAMPLER ANALYSIS

Resistivity .152 ohms @ 91 F
Chlorides 35,000 ppm.
Gravity _____ corrected @ 60 F

PIPE RECOVERY

TOP
Resistivity .235 ohms @ 90 F
Chlorides 24,000 ppm.

MIDDLE

Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

BOTTOM

Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.