

WELL NAME:	Ellis 19-1
COMPANY:	Comanche Resources Co.
LOCATION:	19-31-19 Comanche co KS
DATE:	9/7/00

TRILOBITE TESTING L.L.C.

OPERATOR : Comanche Resources Co.
WELL NAME: Ellis #19-1
LOCATION : 19-31s-19w Comanche co KS
INTERVAL : 5728.00 To 5762.00 ft

DATE 09-02-000
KB 2178.00 ft TICKET NO: 12893 DST #1
GR 2168.00 ft FORMATION: Viola
TD 5762.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 45 Rec.	10248	10248	2342			PF Fr. 2347 to 0032 hr
SI 60 Range(Psi)	4400.0	4400.0	4995.0	0.0	0.0	IS Fr. 0032 to 0132 hr
SF 45 Clock(hrs)	12 hr	12 hr	batt.			SF Fr. 0132 to 0217 hr
FS 90 Depth(ft)	5759.0	5759.0	5734.0	0.0	0.0	FS Fr. 0217 to 0347 hr

	Field	1	2	3	4	
A. Init Hydro	2845.0	2878.0	2841.0	0.0	0.0	T STARTED 1955 hr
B. First Flow	30.0	53.0	26.0	0.0	0.0	T ON BOTM 2342 hr
Bl. Final Flow	30.0	53.0	26.0	0.0	0.0	T OPEN 2347 hr
C. In Shut-in	87.0	99.0	81.0	0.0	0.0	T PULLED 0350 hr
D. Init Flow	30.0	54.0	27.0	0.0	0.0	T OUT 0730 hr
E. Final Flow	30.0	45.0	24.0	0.0	0.0	
F. Fl Shut-in	75.0	74.0	58.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2790.0	2809.0	2801.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	0	0	I	T		Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 113000.00 lbs
						Initial Str Wt 95000.00 lbs
						Unseated Str Wt 95000.00 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 575.00 ft
						D.P. Length 5138.00 ft

RECOVERY

Tot Fluid 5.00 ft of 5.00 ft in DC and 0.00 ft in DP
0.00 ft of
5.00 ft of Drilling mud
0.00 ft of
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-----20
SALINITY 4000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
Weak blow (1/4") Dead in 18 minutes.

Initial Shut-In:
No blow.

Final Flow:
No blow.

Final Shut-In:
No blow.

SAMPLES: none
SENT TO: Caraway/Liberal

MUD DATA-----

Mud Type Chemical
Weight 9.20 lb/c
Vis. 50.00 S/L
W.L. 8.80 in3
F.C. 0.20 in
Mud Drop N

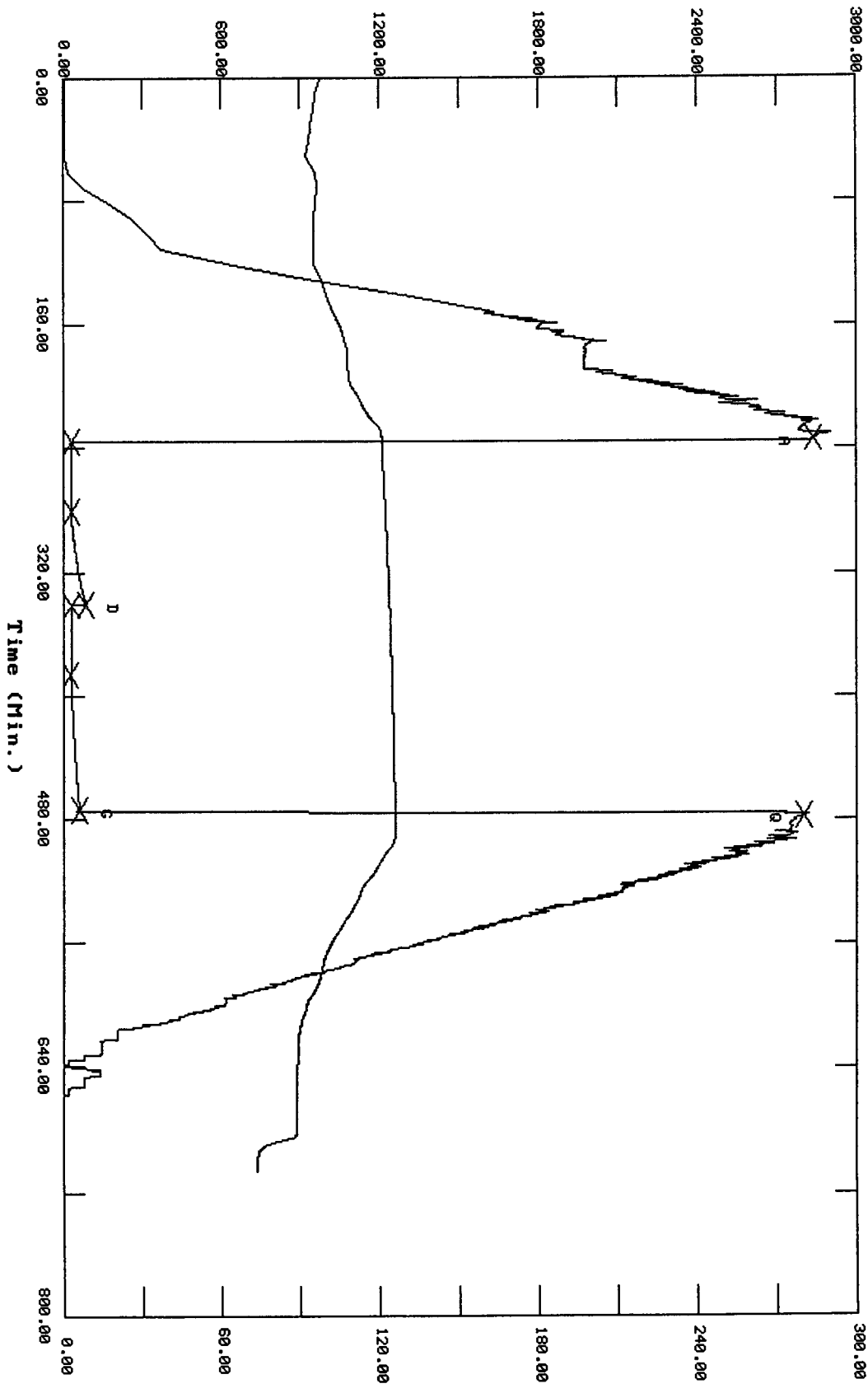
Amt. of fill 0.00 ft
Btm. H. Temp. 126.00 F
Hole Condition good
% Porosity 10.00
Packer Size 6.75 in
No. of Packers 2
Cushion Amt. 0.00 N
Cushion Type None
Reversed Out N
Tool Chased N
Tester Gary Pevoteaux
Co. Rep. Dennis Dye
Contr. Val Energy
Rig # 2
Unit #
Pump T. LCM 2 #/bl

Test Successful: Y

P.O. SUB		
C.O. SUB	@ top of tool	5701
S.I. TOOL	Sterling	5707
HMV	Sterling	5712
JARS	bowen	5717
SAFETY JOINT	bowen	5719
PACKER Top		5723
PACKER Btm.		5728
DEPTH	5728	
1 ft.		5729
ANCHOR		
perfs		
Alpine rec.	@ 5734	
28' perfs to		5757
AK-1 rec.	@ 5759	
BULLNOSE 5 ft. perforated		5762
T.D.		

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

TEST HISTORY 12893 DST#1 ELLIS #19-1 COMANCHE RESOURCES CO.

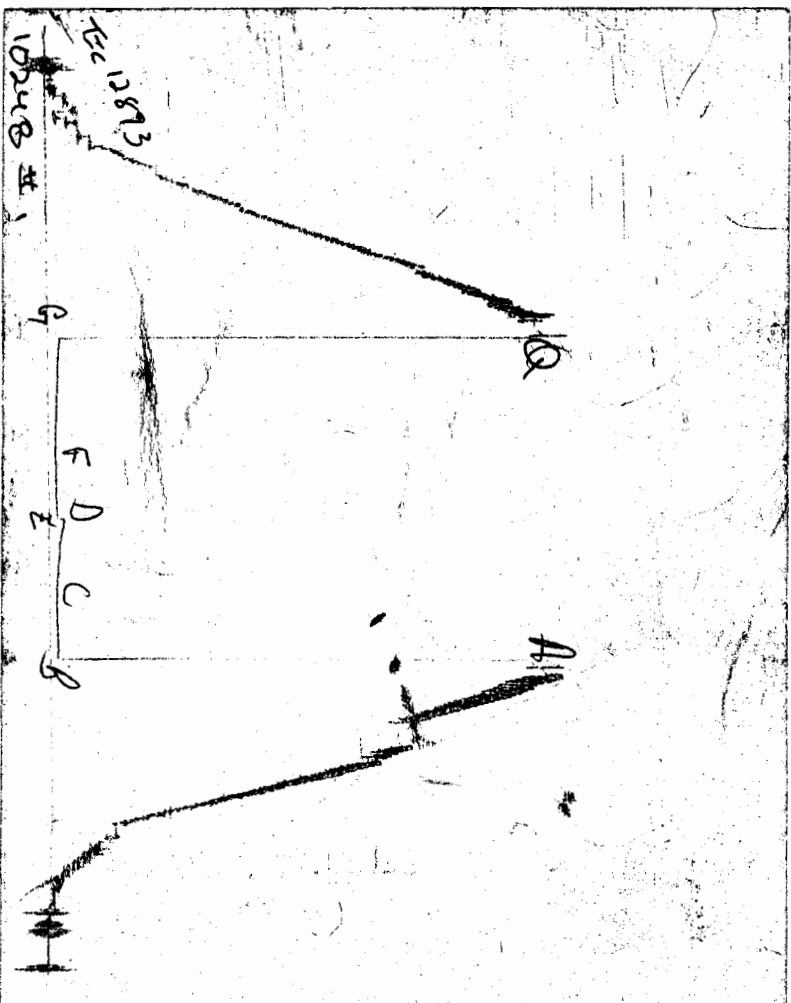


Flag Points

	t(Min.)	P(PSig)
A:	0.00	2841.12
B:	0.00	25.93
C:	45.00	25.67
D:	59.50	80.81
E:	0.00	26.93
F:	45.00	23.66
G:	88.00	57.73
Q:	0.00	2800.75

Temperature (DEG F)

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

Test Ticket

Nº 12893

Well Name & No.	<u>Ellis # 19-1</u>	Test No.	<u>#1</u>	Date	<u>9-2-2000</u>
Company	<u>Comanche Resources Co.</u>	Zone Tested	<u>Viola</u>		
Address	<u>9520 N. May, Suite 370 OKLA CITY OK.</u>	Elevation	<u>2178</u>	KB	<u>2168</u> GL
Co. Rep / Geo.	<u>Dennis Dye</u>	Cont.	<u>Val Energy #2</u>	Est. Ft. of Pay	<u>20</u> Por. <u> </u> %
Location: Sec.	<u>19</u>	Twp.	<u>31</u>	Rge.	<u>19</u> Co. <u>Comanche</u> State <u>Ko</u>
No. of Copies	<u>5</u>	Distribution Sheet (Y, N)	<u>N</u>	Turnkey (Y, N)	<u> </u> Evaluation (Y, N) <u> </u>

Interval Tested	<u>5728 - 5762</u>	Initial Str Wt./Lbs.	<u>95,000</u>	Unseated Str Wt./Lbs.	<u>95,000</u>
Anchor Length	<u>34'</u>	Wt. Set Lbs.	<u>20,000</u>	Wt. Pulled Loose/Lbs.	<u>113,000</u>
Top Packer Depth	<u>5723</u>	Tool Weight	<u>2,100</u>		
Bottom Packer Depth	<u>5728</u>	Hole Size — 7 7/8"	<u>✓</u>	Rubber Size — 6 3/4"	<u>✓</u>
Total Depth	<u>5762</u>	Wt. Pipe Run	<u>none</u>	Drill Collar Run	<u>525'</u>
Mud Wt.	<u>9.2</u> LCM <u>2162</u> Vis. <u>50</u> WL <u>8.8cc</u>	Drill Pipe Size	<u>4 1/2" X H</u>	Ft. Run	<u>5738'</u>
Blow Description	<u>IF: weak blow (4") dead in 18 min. ISF: no blow</u>				
	<u>FF: No blow PSI: No blow</u>				

Recovery — Total Feet	<u>5</u>	GIP	<u>None</u>	Ft. in DC	<u>5</u>	Ft. in DP	<u>0</u>
Rec.	<u>5</u>	Feet Of	<u>Dry 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	<u>126</u>	°F Gravity	<u>N/A</u>	°API D@	<u> </u>	°F Corrected Gravity	<u>N/A</u> °API
RW	<u>N.C.</u>	°F Chlorides	<u>4,000</u>	ppm Recovery		Chlorides	<u>4,000</u> ppm System

(A) Initial Hydrostatic Mud	<u>2845</u>	AK-1	<u>2841</u>	Alpine	PSI Recorder No.	<u>2342</u>	T-On Location	<u>1855</u>
(B) First Initial Flow Pressure	<u>30</u>		<u>26</u>		PSI (depth)	<u>5734'</u>	T-Started	<u>1955</u>
(C) First Final Flow Pressure	<u>30</u>		<u>26</u>		PSI Recorder No.	<u>10248</u>	T-Open	<u>2347</u>
(D) Initial Shut-In Pressure	<u>87</u>		<u>81</u>		PSI (depth)	<u>5759'</u>	T-Pulled	<u>0350</u>
(E) Second Initial Flow Pressure	<u>30</u>		<u>27</u>		PSI Recorder No.	<u> </u>	T-Out	<u>0738</u>
(F) Second Final Flow Pressure	<u>30</u>		<u>24</u>		PSI (depth)	<u> </u>	T-Off Location	<u>0845</u>
(G) Final Shut-in Pressure	<u>25</u>		<u>58</u>		PSI Initial Opening	<u>45</u>	Test	<u>✓ 850</u>
(Q) Final Hydrostatic Mud	<u>2790</u>		<u>2801</u>		PSI Initial Shut-in	<u>60</u>	Jars	<u>✓ 200</u>
					Final Flow	<u>45</u>	Safety Joint	<u>✓ 50</u>
					Final Shut-in	<u>90</u>	Straddle	<u> </u>
						<u> </u>	Circ. Sub	<u> </u>
						<u> </u>	Sampler	<u> </u>

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Approved By [Signature]

Our Representative [Signature]

Extra Packer
Elec. Rec. ✓ 150
Mileage ✓ 65
Other By ✓ 90
TOTAL PRICE \$ 1405.00

Well Name E. Uis

DST Number 1

Recorder Number 10.298

A: 2.428 2898

B: .047 53

C: .047 53

D: .087 99

E: .018 54

F: .040 45

G: .065 74

Q: 2.548 2807