

WELL NAME

Lohrding Unit #1

COMPANY

Comanche Resources

LOCATION

18-31s-19w

Comanche co Kansas

DATE

11/21/00

TRILOBITE TESTING L.L.C.

OPERATOR : Comanche Resources

DATE 11-14-000

WELL NAME: Lohrding Unit #1

KB 2130.00 ft

TICKET NO: 13214

DST #1

LOCATION : 18-31s-19w Comanche co KS

GR 2119.00 ft

FORMATION: Swope

INTERVAL : 4712.00 To 4735.00 ft

TD 4735.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	10248	10248	2342			PF Fr. 2042 to 2112 hr
SI 60 Range(Psi)	4400.0	4400.0	4995.0	0.0	0.0	IS Fr. 2112 to 2212 hr
SF 60 Clock(hrs)	12 hr	12 hr	batt.			SF Fr. 2212 to 2312 hr
FS 120 Depth(ft)	4732.0	4732.0	4717.0	0.0	0.0	FS Fr. 2312 to 0112 hr

	Field	1	2	3	4	
A. Init Hydro	2261.0	0.0	2290.0	0.0	0.0	T STARTED 1755 hr
B. First Flow	71.0	0.0	66.0	0.0	0.0	T ON BOTM 2037 hr
B1. Final Flow	112.0	0.0	103.0	0.0	0.0	T OPEN 2042 hr
C. In Shut-in	1351.0	0.0	1334.0	0.0	0.0	T PULLED 0116 hr
D. Init Flow	137.0	0.0	115.0	0.0	0.0	T OUT 0600 hr
E. Final Flow	216.0	0.0	206.0	0.0	0.0	
F. Fl Shut-in	1371.0	0.0	1350.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2230.0	0.0	2257.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	O	O	I	T		Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 105000.00 lbs
						Initial Str Wt 96000.00 lbs
						Unseated Str Wt 97000.00 lbs

RECOVERY

Tot Fluid 375.00 ft of 375.00 ft in DC and 0.00 ft in DP
 1200.00 ft of Gas in pipe.
 75.00 ft of Gassy oil cut mud
 0.00 ft of 18% gas 12% oil 70% mud
 120.00 ft of Slightly oil cut muddy water
 0.00 ft of 2% oil 33% mud 65% water
 180.00 ft of Muddy water w/ oil specks
 0.00 ft of 5% mud 95% water
 0.00 ft of EST.FT. of PAY-----5

SALINITY 96000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:

Strong blow. Bottom of bucket in
 2 1/2minutes.

Initial Shut-In:

Weak blow. 1 - 2"

Final Flow:

Fair to strong blow. Bottom of bucket
 in 13 minutes.

Final Shut-In:

Weak blow. 1 - 2"

SAMPLES: none

SENT TO:Caraway/Liberal

MUD DATA-----

Mud Type	Chemical
Weight	9.10 lb/cf
Vis.	44.00 S/L
W.L.	9.60 in3
F.C.	0.20 in

Mud Drop N

Amt. of fill	0.00 ft
Btm. H. Temp.	112.00 F
Hole Condition	good
% Porosity	12.00
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 Fauchier
 Contr. Val Energy
 Rig # 2
 Unit #
 Pump T. LCM 1 #/bl

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Lohrding Unit #1

LOCATION : 18-31s-19w Comanche co KS

TICKET No. 13214 D.S.T. No. 1 DATE 11-14-000

TOTAL TOOL TO BOTTOM OF TOP PACKERS 27

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 23

TOTAL TOOL 50

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 50

D.C. ABOVE TOOLS.Stands10 Single Total 600

D.P. ABOVE TOOLS.Stands66 Single 1 Total 4100

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4750

TOTAL DEPTH 4735

TOTAL DRILL PIPE ABOVE K.B. 15

REMARKS:

Comments:

FLUID SAMPLER DATA (not run)

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

H	P.O. SUB	
H	C.O. SUB @ top of tool	4685
H	S.I. TOOL Sterling	4691
H		
H	HMV Sterling	4696
H	JARS bowen	4701
H		
H	SAFETY JOINT bowen	4703
H	PACKER Top	4707
H	PACKER Btm.	4712
H	DEPTH 4712	
H	1 ft.	4713
H	ANCHOR	
H	perfs	
H	Alpine rec. @ 4717	
H		
H		
H		
H		
H	17' perfs to	4730
H		
H	AK-1 rec. @ 4732	
H		
H	BULLNOSE 5 ft. perforated	4735
H	T.D.	

TEST HISTORY

13214 DST#1 LOHRDING UNIT #1 COMANCHE RESOURCES

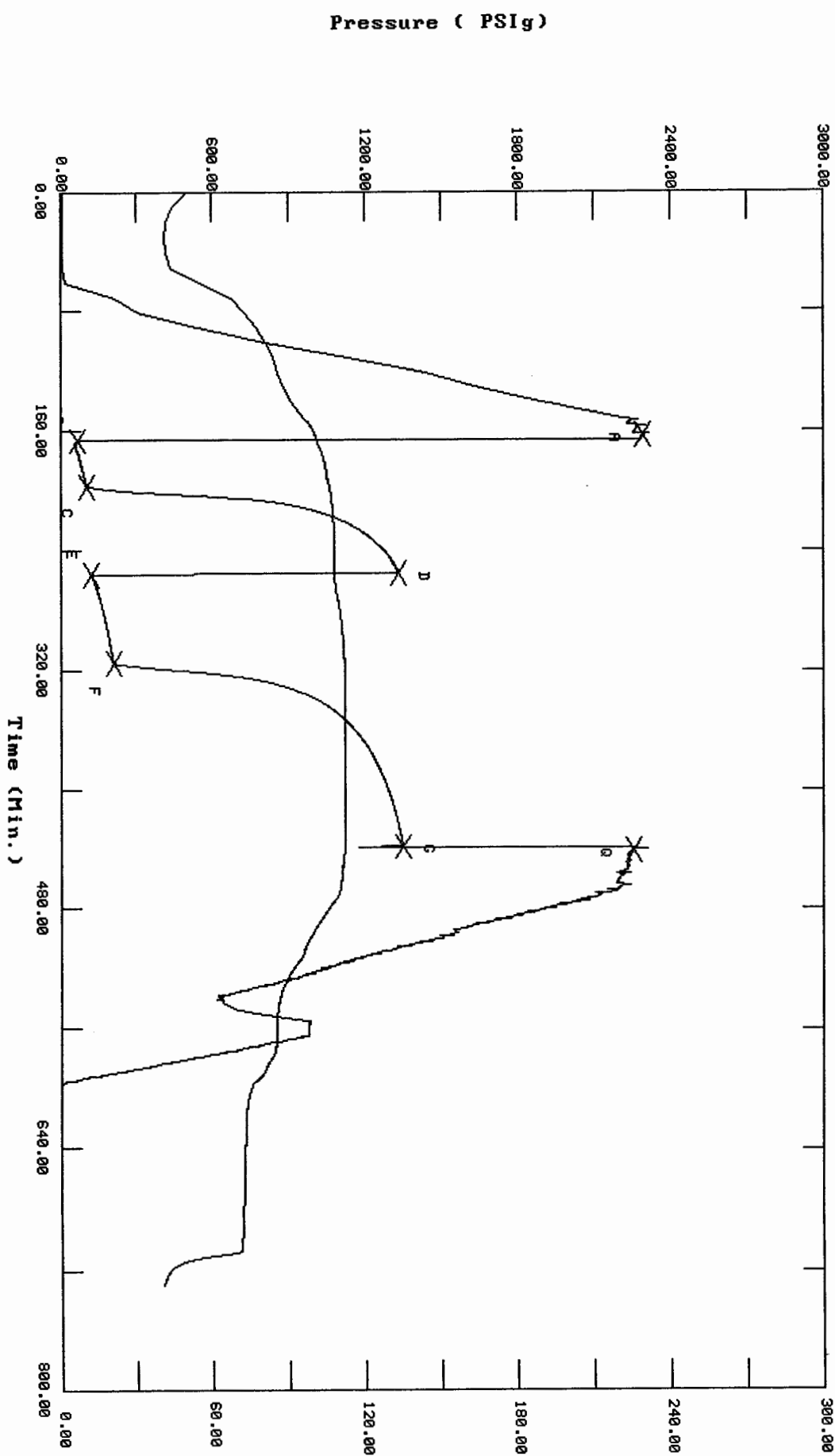
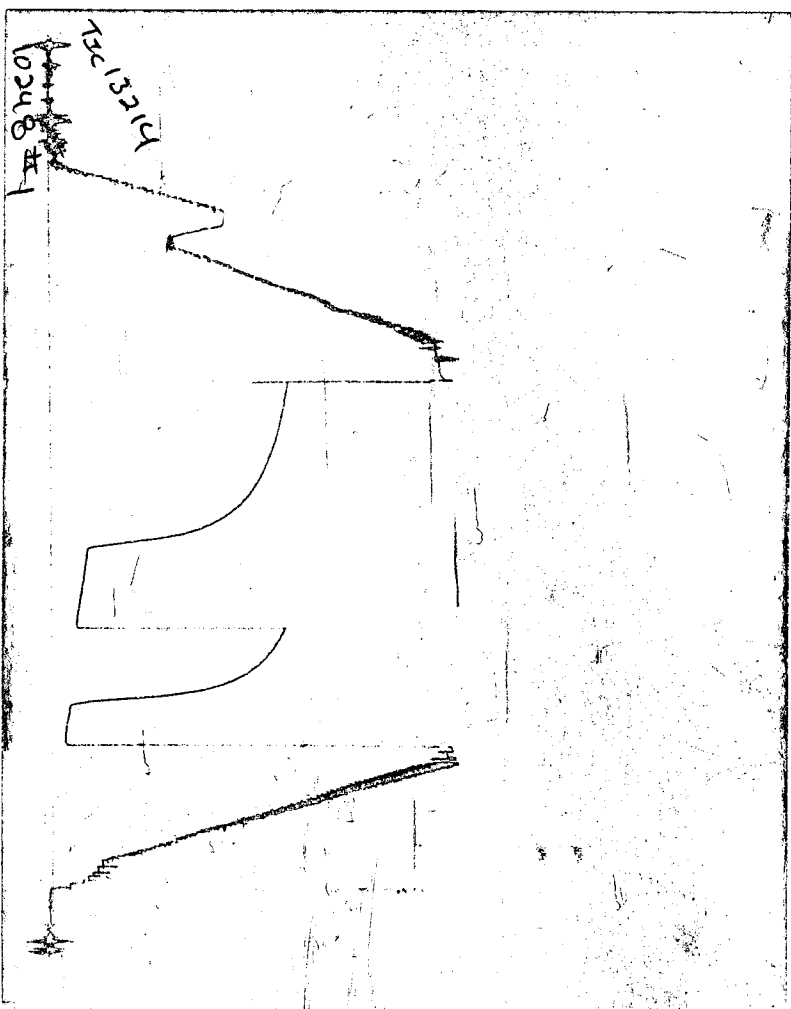


CHART PAGE



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

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Nº 13214

Test Ticket

Well Name & No.	<u>Lohrding Unit #1</u>	Test No.	<u>1</u>	Date	<u>11-14-2000</u>
Company	<u>Comanche Explo. Co. LLC</u>	Zone Tested	<u>Surge</u>		
Address	<u>9520 N. May Ste 370, Okla. City OK 73120</u>	Elevation	<u>21</u>	KB	<u>2119</u> GL
Co. Rep / Geo.	<u>Dennis Fancher</u>	Cont.	<u>Val Energy #2</u>	Est. Ft. of Pay	<u>5</u> Por. <u> </u> %
Location: Sec.	<u>18</u>	Twp.	<u>31^W</u>	Rge.	<u>19^W</u> Co. <u>Comanche</u> State <u>Ks.</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>4712 - 4735'</u>	Initial Str Wt./Lbs.	<u>96,000</u>	Unseated Str Wt./Lbs.	<u>97,000</u>
Anchor Length	<u>23'</u>	Wt. Set Lbs.	<u>20,000</u>	Wt. Pulled Loose/Lbs.	<u>105,000</u>
Top Packer Depth	<u>4707'</u>	Tool Weight	<u>2100 #</u>		
Bottom Packer Depth	<u>4712'</u>	Hole Size — 7 7/8" <u>✓</u>	Rubber Size — 6 3/4" <u>✓</u>		
Total Depth	<u>4735'</u>	Wt. Pipe Run	<u>None</u>	Drill Collar Run	<u>600'</u>

Mud Wt.	<u>9.1</u>	LCM	<u>1 #</u>	Vis.	<u>44</u>	WL	<u>9.6 cc</u>	Drill Pipe Size	<u>4 1/2" x H.</u>	Ft. Run	<u>4100'</u>
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Blow Description IF: Strong blow. B.O.B. in 2 1/2 mins.
ISI: Weak blow. 1-2"
FF: Fair to strong blow. B.O.B. in 13 mins.
FSI: Weak blow. 1-2"

Recovery — Total Feet	<u>375</u>	GIP	<u>1200'</u>	Ft. in DC	<u>375</u>	Ft. in DP	<u>0</u>
Rec.	<u>75</u>	Feet Of	<u>CCCM</u>	18% gas	12 %oil	%water	<u>70</u> %mud
Rec.	<u>120</u>	Feet Of	<u>SCCMW</u>	%gas	2 %oil	<u>65</u> %water	<u>33</u> %mud
Rec.	<u>180</u>	Feet Of	<u>MW (tail pipe)</u>	%gas	%oil	<u>95</u> %water	<u>5</u> %mud
Rec.	<u> </u>	Feet Of	<u> </u>	%gas	%oil	%water	%mud
Rec.	<u> </u>	Feet Of	<u> </u>	%gas	%oil	%water	%mud

BHT	<u>112</u>	°F Gravity	<u>N/A</u>	°API	<u>2</u>	°F Corrected Gravity	<u>N/A</u>	°API	<u> </u>
RW	<u>.13</u>	@	<u>46</u>	°F Chlorides	<u>96,000</u>	ppm Recovery	<u>5,000</u>	ppm System	<u> </u>

	AK-1	Alpine					
(A) Initial Hydrostatic Mud	<u>2261</u>	<u>2230</u>	PSI	Recorder No.	<u>2342</u>	T-On Location	<u>1700</u>
(B) First Initial Flow Pressure	<u>71</u>	<u>66</u>	PSI	(depth)	<u>4717'</u>	T-Started	<u>1755</u>
(C) First Final Flow Pressure	<u>112</u>	<u>103</u>	PSI	Recorder No.	<u>10248</u>	T-Open	<u>2042</u>
(D) Initial Shut-In Pressure	<u>1351</u>	<u>1334</u>	PSI	(depth)	<u>4732'</u>	T-Pulled	<u>0116</u>
(E) Second Initial Flow Pressure	<u>137</u>	<u>115</u>	PSI	Recorder No.	<u> </u>	T-Out	<u>0600</u>
(F) Second Final Flow Pressure	<u>216</u>	<u>206</u>	PSI	(depth)	<u> </u>	T-Off Location	<u>0655</u>
(G) Final Shut-in Pressure	<u>1371</u>	<u>1350</u>	PSI	Initial Opening	<u>30</u>	Test	<u>✓ 750⁰⁰</u>
(Q) Final Hydrostatic Mud	<u>2230</u>	<u>2257</u>	PSI	Initial Shut-in	<u>60</u>	Jars	<u>✓ 200⁰⁰</u>
				Final Flow	<u>60</u>	Safety Joint	<u>✓ 50⁰⁰</u>
				Final Shut-in	<u>120</u>	Straddle	<u> </u>
					<u> </u>	Circ. Sub	<u> </u>
					<u> </u>	Sampler	<u> </u>

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Approved By Dennis R. Fancher

Our Representative Gary P. [Signature]

Extra Packer
Elec. Rec. ✓ 150⁰⁰
Mileage 60 ✓ 60⁰⁰
Other 64 ✓ 120⁰⁰
TOTAL PRICE \$ ✓ 1330⁰⁰