

15-033-21007

TRILOBITE TESTING L.L.C.

20-32s-18w

OPERATOR : Star resources, L.L.C.

DATE 05/10/199

WELL NAME: Currier#20-9

KB 2143.00 ft

TICKET NO: 11474

DST #1

LOCATION : 20-32s-18w Comanche co KS

GR 2135.00 ft

FORMATION: Pawnee

INTERVAL : 5099.00 To 5137.00 ft

TD 5137.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 15 Rec.	10332	10332	2357			PF Fr. 1750 to 1805 hr
SI 30 Range(Psi)	4025.0	4025.0	4995.0	0.0	0.0	IS Fr. 1805 to 1835 hr
SF 30 Clock(hrs)	12hr.	12hr.	elec.			SF Fr. 1835 to 1905 hr
FS 60 Depth(ft)	5134.0	5134.0	5110.0	0.0	0.0	FS Fr. 1905 to 2005 hr

	Field	1	2	3	4	
A. Init Hydro	2539.0	2519.0	2526.0	0.0	0.0	T STARTED 1515 hr
B. First Flow	152.0	138.0	20.0	0.0	0.0	T ON BOTM 1712 hr
B1. Final Flow	152.0	138.0	22.0	0.0	0.0	T OPEN 1715 hr
C. In Shut-in	304.0	293.0	327.0	0.0	0.0	T PULLED 2005 hr
D. Init Flow	81.0	57.0	27.0	0.0	0.0	T OUT 2215 hr
E. Final Flow	81.0	57.0	31.0	0.0	0.0	
F. Fl Shut-in	1337.0	1321.0	1361.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2498.0	2488.0	2453.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	O	O	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 75000.00 lbs
						Initial Str Wt 58000.00 lbs
						Unseated Str Wt 58000.00 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 5073.00 ft

RECOVERY

Tot Fluid 60.00 ft of 0.00 ft in DC and 60.00 ft in DP
 120.00 ft of Gas in pipe
 60.00 ft of Slight gas and oil cut mud
 0.00 ft of 10% gas trace of oil 1% water 88% 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:.

Weak surface blow

Initial Shut-in:

No blow back.

Final Flow:

Fair blow built to 3" in water
 slowly died off to weak surface
 blow

Final Shut-in:

No blow back

SAMPLES:

SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.10 lb/cf
Vis.	41.00 S/L
W.L.	12.80 in3
F.C.	0.32 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	120.00 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 Lamerine
Co. Rep.	Pete
Contr.	Duke
Rig #	1
Unit #	no
Pump T.	none

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Currier#20-9

LOCATION : 20-32s-18w Comanche co KS

TICKET No. 11474 D.S.T. No. 1 DATE 05/10/199

TOTAL TOOL TO BOTTOM OF TOP PACKERS 30

INTERVAL TOOL

TOTAL PACKERS AND ANCHOR 38

TOTAL TOOL 68

DRILL COLLAR ANCHOR IN INTERVAL

C. ANCHOR STND.Stands Single Total

P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 68

C. ABOVE TOOLS.Stands Single Total

P. ABOVE TOOLS.Stands82 Single Total 5073

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5141

TOTAL DEPTH 5137

TOTAL DRILL PIPE ABOVE K.B. 4

MARKS:

Fluid sampler data

Sampler recovery pit mud
 s-----2000ml. Chlorides---9000
 ace-----oil Vis.41
 d-----2000ml. wt.9.1
 Pressure 450.psi WL.12.8
 Temp-----4000. LCM.1\2#

P.O. SUB Top of tool @ 5069
 C.O. SUB 5070

S.I. TOOL 5075

3'sample chamber 5078

HMV 5083

JARS 5088

SAFETY JOINT 5090

PACKER 5094

PACKER 5099

DEPTH 5099

STUBB 1'to 5100

ANCHOR 5'of perfs.to 5105

Alpine rec.@ 5110

T.C.
 DEPTH

30'of perfs.to 5135

Ak-1 rec.@ 5134

BULLNOSE 2'bullnose to 5137
 T.D.

TEST HISTORY

TK#11474 DST#1 Currier #20-9 Star Resources, L.L.C

Flag Points

t(Min.)	Pk PSig)
A: 0.00	2525.70
B: 0.00	20.17
C: 14.75	21.71
D: 27.00	327.05
E: 0.00	27.32
F: 33.50	30.69
G: 59.25	1361.48
Q: 0.00	2453.32

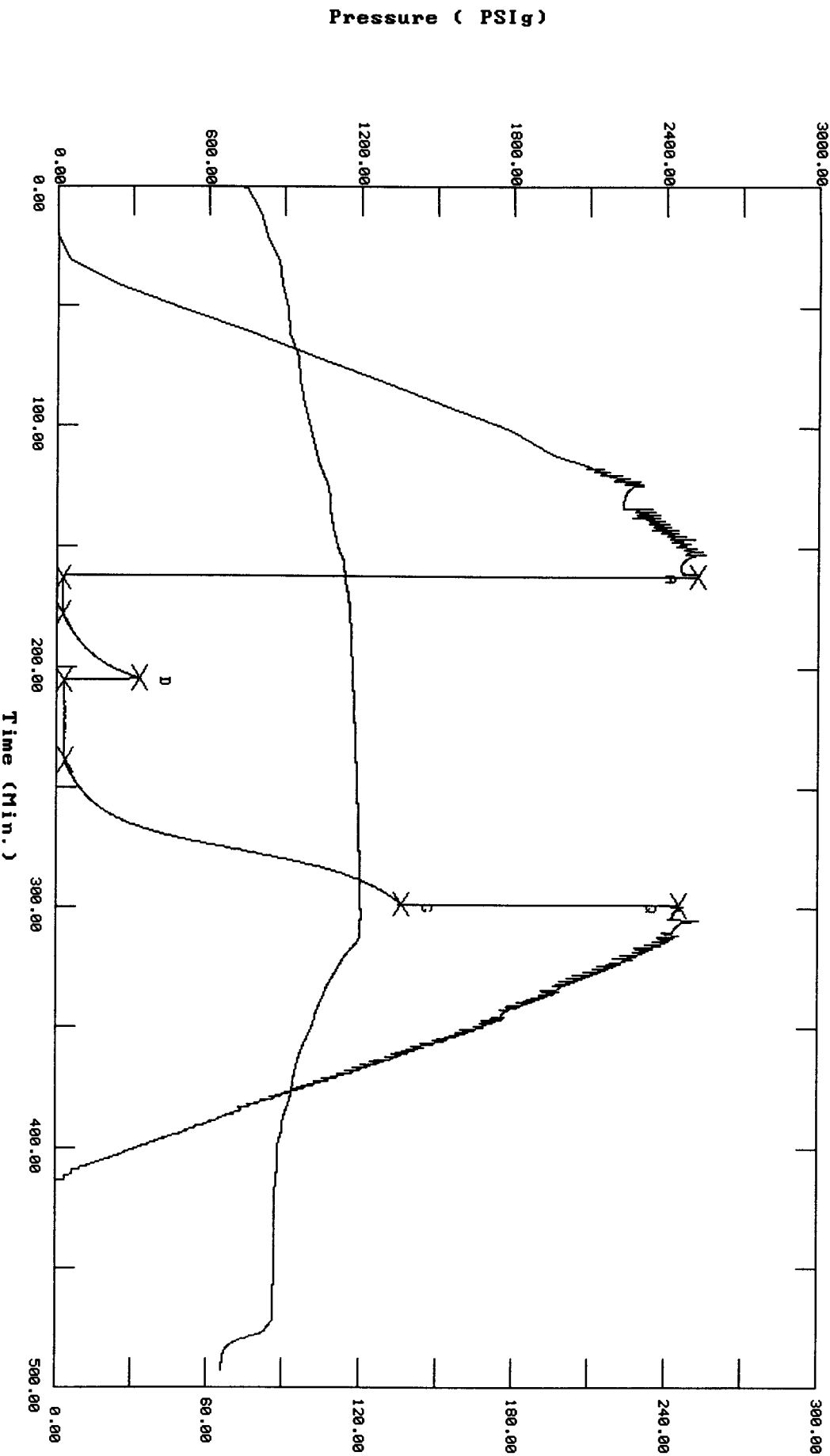
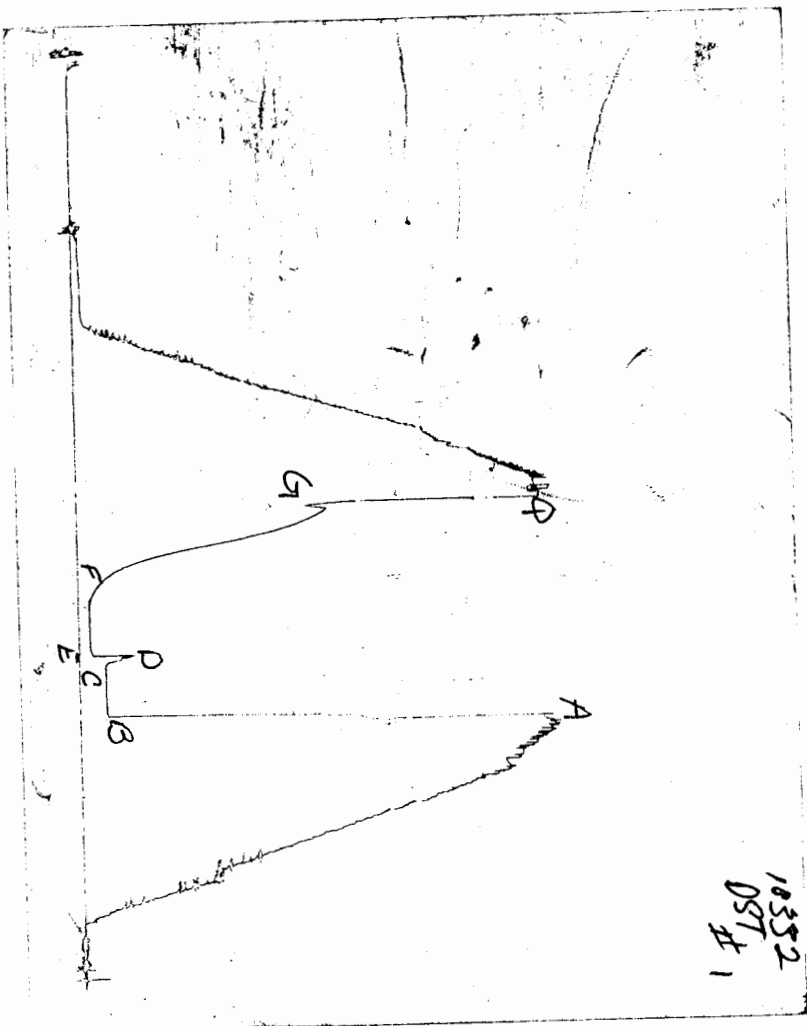


CHART PAGE



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

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 11474 Date 05/10/1999
Company Name Star Resources, L.L.C.
Lease Carrier #20-9 Test No. #1 Pawnee
County Comanche Sec. 20 Twp. 32^S Rng. 18^W

SAMPLER RECOVERY

Gas 2000 ML
Oil Trace ML
Mud 2000 ML
Water — ML
Other — ML
Pressure .450 PSI
Total 4000 ML

PIT MUD ANALYSIS

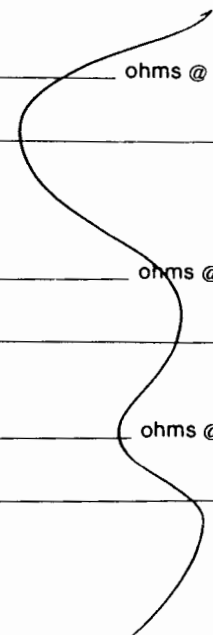
Chlorides 9000 ppm.
Resistivity — ohms @ — F
Viscosity 41
Mud Weight 9.1
Filtrate 12.8
Other 1/2 # LCM

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.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 11474

Well Name & No.	Currier #20-9	Test No.	#1	Date	05/10/1999
Company	Star Resources, L.L.C.	Zone Tested	(Pawnee)		
Address	1125 Duwetteeth Street Suite 2360 Denver Co. 80202	Elevation	2143	KB	2135 GL
Co. Rep / Geo.	Pete Dubenham	Cont.	Duke #1	Est. Ft. of Pay	Por. %
Location: Sec.	20	Twp.	325	Rge.	18W
				Co.	Comanche
				State	TX
No. of Copies	5	Distribution Sheet (Y, N)	—	Turnkey (Y, N)	—
				Evaluation (Y, N)	—

Interval Tested	5099 - 5137	Initial Str Wt./Lbs.	58000	Unseated Str Wt./Lbs.	58000
Anchor Length	38'	Wt. Set Lbs.	20000	Wt. Pulled Loose/Lbs.	5000
Top Packer Depth	5094	Tool Weight	2100		
Bottom Packer Depth	5099	Hole Size — 7 7/8"	✓	Rubber Size — 6 3/4"	✓
Total Depth	5137	Wt. Pipe Run	N/A	Drill Collar Run	N/A
Mud Wt.	9.1	Drill Pipe Size	4 1/2 XH	Ft. Run	5073
LCM	1/2"				
Vis.	41				
WL	12.8				
Blow Description	IF: Weak surface blow ISL: No blow back FF: Weak blow built to 3" in 120 slowly died to weak surface blow FSL: No blow back				

Recovery — Total Feet	60'	GIP	120	Ft. in DC		Ft. in DP	60
Rec.	60	Feet Of	SGFDCM	10% gas	Trace oil	Less than 1% water	88% 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	120°	°F Gravity		°API D@		°F Corrected Gravity	
RW		@		°F Chlorides		ppm Recovery	Chlorides 9000 ppm System

(A) Initial Hydrostatic Mud	AK-1 2539	Alpine 2526	PSI Recorder No.	2357	T-On Location	14:15
(B) First Initial Flow Pressure	152	20	PSI (depth)	5110'	T-Started	15:15
(C) First Final Flow Pressure	152	22	PSI Recorder No.	10332	T-Open	17:50
(D) Initial Shut-In Pressure	304	327	PSI (depth)	5134	T-Pulled	20:05
(E) Second Initial Flow Pressure	81	27	PSI Recorder No.		T-Out	22:15
(F) Second Final Flow Pressure	81	31	PSI (depth)		T-Off Location	23:30
(G) Final Shut-in Pressure	1337	1361	PSI Initial Opening	15	Test	✓ 800
(Q) Final Hydrostatic Mud	2498	2453	PSI Initial Shut-in	30	Jars	✓ 200
			Final Flow	30	Safety Joint	✓ 50
			Final Shut-in	60	Straddle	

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 [Signature]
Our Representative [Signature]

Extra Packer
Elec. Rec. ✓ 150
Mileage
Other
TOTAL PRICE \$ 1400

TRILOBITE TESTING L.L.C.

OPERATOR : Star resources,L.L.C

DATE 05/11/199

WELL NAME: Currier #20-9

KB 2143.00 ft

TICKET NO: 11475

DST #2

LOCATION : 20-32s-18w Comanche co KS

GR 2135.00 ft

FORMATION: Miss

INTERVAL : 5207.00 To 5263.00 ft

TD 5263.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	10332	10332	2357			PF Fr. 0300 to 0330 hr
SI 60 Range(Psi)	4025.0	4025.0	4995.0	0.0	0.0	IS Fr. 0330 to 0430 hr
SF 15 Clock(hrs)	12hr.	12hr.	elec.			SF Fr. 0430 to 0445 hr
FS 45 Depth(ft)	5260.0	5260.0	5214.0	0.0	0.0	FS Fr. 0445 to 0530 hr

	Field	1	2	3	4	
A. Init Hydro	2671.0	2638.0	2609.0	0.0	0.0	T STARTED 0045 hr
B. First Flow	51.0	47.0	23.0	0.0	0.0	T ON BOTM 0257 hr
B1. Final Flow	51.0	47.0	32.0	0.0	0.0	T OPEN 0300 hr
C. In Shut-in	669.0	672.0	690.0	0.0	0.0	T PULLED 0530 hr
D. Init Flow	81.0	84.0	39.0	0.0	0.0	T OUT 0830 hr
E. Final Flow	81.0	68.0	45.0	0.0	0.0	
F. Fl Shut-in	405.0	423.0	437.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2661.0	2625.0	2546.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	O	O	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 85000.00 lbs
						Initial Str Wt 60000.00 lbs
						Unseated Str Wt 60000.00 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 5225.00 ft

RECOVERY

Tot Fluid 80.00 ft of 0.00 ft in DC and 80.00 ft in DP
 80.00 ft of Slight gas cut mud
 0.00 ft of 10% gas 90% mud trace of water
 0.00 ft of
 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

IF:Weak blow built to
 died off to weak surface blow.

ISI:No blow back.

FF:Weak blow built to 1\2" slowly died-
 to weak surface blow.

FSI:No blow back.

SAMPLES:

SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.10 lb/cf
Vis.	44.00 S/L
W.L.	12.80 in3
F.C.	0.32 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	124.00 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.	Pete Debenham
Contr.	Duke
Rig #	1
Unit #	none
Pump T.	none

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Carrier #20-9

LOCATION : 20-32s-18w Comanche co KS

TICKET No. 11475 D.S.T. No. 2 DATE 05/11/199

TOTAL TOOL TO BOTTOM OF TOP PACKERS 30

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 25

TOTAL TOOL 55

DRILL COLLAR ANCHOR IN INTERVAL

C. ANCHOR STND.Stands Single Total

P. ANCHOR STND.Stands Single 1 Total 31

TOTAL ASSEMBLY 86

C. ABOVE TOOLS.Stands Single Total

P. ABOVE TOOLS.Stands 86 Single 1 Total 5194

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5280

TOTAL DEPTH 5263

TOTAL DRILL PIPE ABOVE K.B. 17

REMARKS:

Fluid sampler data
.....

Sampler recovery
.....

Pit mud analysis
.....

AS--2500-2-cubic ft. Chlorides-----10000-ppm.

CL--trace--ML. Res-.5-Ohms@--80--'F.

SD--1500---ML. Viscosity-----44---

ater-----ML. Mud wt.-----9.1----

her-----ML. Water.loss-----12.8--

essure-500-PSI. Trace of Lcm.

atal-----ML.

P.O. SUB top of tool @ 5180

C.O. SUB 5181

S.I. TOOL 5186

3'sample chamber 5189

HMV 5194

JARS 5199

SAFETY JOINT 5201

PACKER 5205

PACKER 5207

DEPTH 5207

STUBB 1'to 5208

ANCHOR 21'of perfs.to 5229

Alpine rec@ 5214

T.C.

DEPTH

31'jt.drillpipe to 5260

Ak-1 rec.5260

BULLNOSE 3'bullnose to 5263

T.D.

TEST HISTORY

Tk#11475 DST#2 Carrier, #20-9 Star Resources, L.L.C

Flag Points

t (Min.) P (PSig)

A: 0.00 2609.49
 B: 0.00 23.34
 C: 29.25 31.77
 D: 58.00 690.36
 E: 0.00 39.20
 F: 15.25 45.43
 G: 46.25 436.66
 Q: 0.00 2545.61

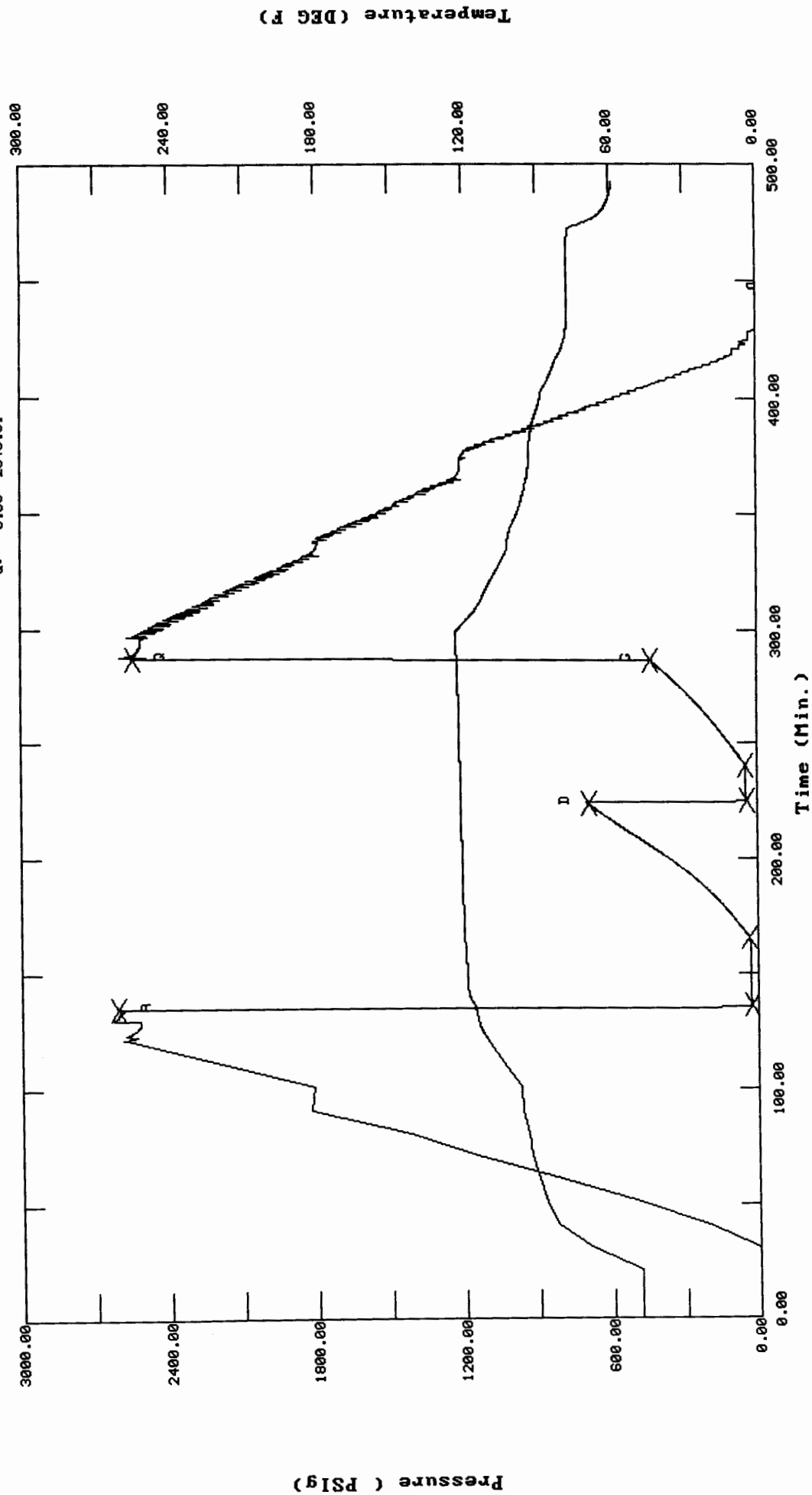
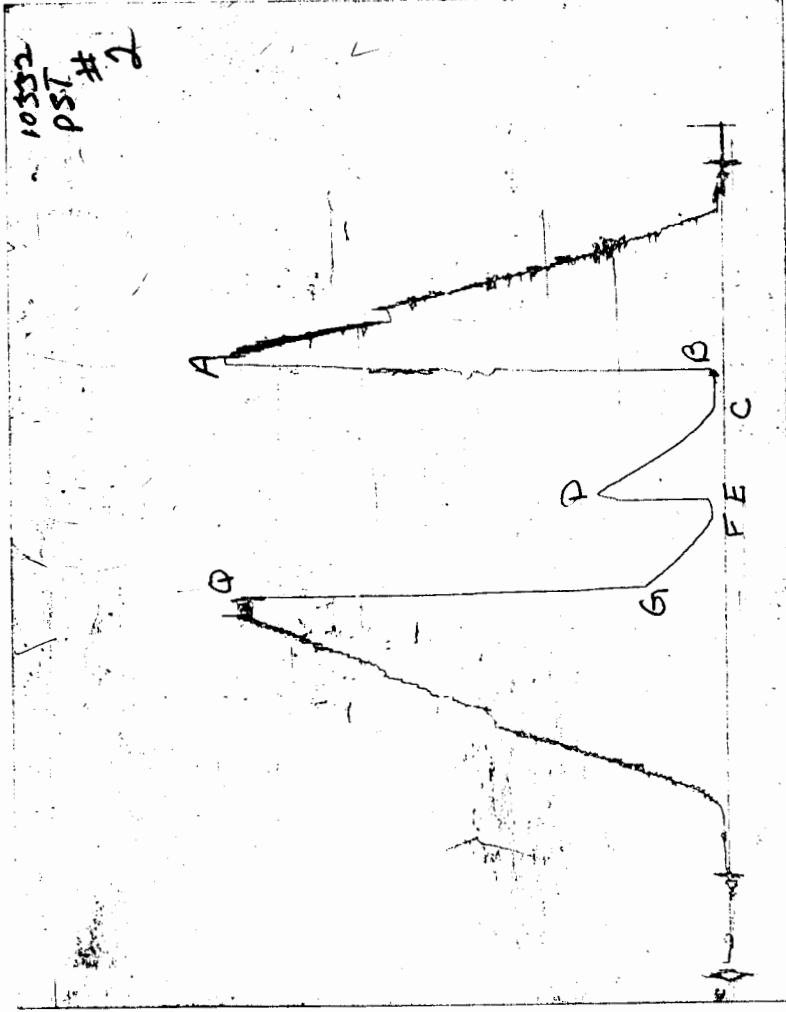


CHART PAGE



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

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. #11495 Date 05-11-1999
Company Name Star Resources, L.L.C.
Lease Currier #20-9 Test No. 42 (miss)
County Comanche Sec. 20 Twp. 32S Rng. 18W

SAMPLER RECOVERY

Gas 2 Cubic ft / 2500 ML
Oil _____ ML
Mud 1500 ML
Water _____ ML
Other _____ ML
Pressure 500 PSI
Total 4,000 ML

PIT MUD ANALYSIS

Chlorides 10,000 ppm.
Resistivity 0.5 ohms @ 80° F
Viscosity 44
Mud Weight 9.1
Filtrate 12.8
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.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 11475

Well Name & No. <u>Carrier #20-9</u>	Test No. <u>#2</u>	Date <u>05/11/1999</u>
Company <u>Star Resources L.L.C.</u>	Zone Tested <u>MISS</u>	
Address <u>1125 17th St Suite #2360 Denver, Co. 80202</u>	Elevation <u>2143</u>	KB <u>2135</u> GL
Co. Rep / Geo. <u>Pete Debenham</u>	Cont. <u>Duke #1</u>	Est. Ft. of Pay <u> </u> Por. <u> </u> %
Location: Sec. <u>20</u>	Twp. <u>32S</u>	Rge. <u>18W</u> Co. <u>Comanche</u> State <u>KS</u>
No. of Copies <u>5</u>	Distribution Sheet (Y, N) <u> </u>	Turnkey (Y, N) <u> </u> Evaluation (Y, N) <u> </u>

Interval Tested <u>5207 - 5263</u>	Initial Str Wt./Lbs. <u>60000</u>	Unseated Str Wt./Lbs. <u>60000</u>
Anchor Length <u>56'</u>	Wt. Set Lbs. <u>20000</u>	Wt. Pulled Loose/Lbs. <u> </u>
Top Packer Depth <u>5205</u>	Tool Weight <u>2100</u>	
Bottom Packer Depth <u>5207</u>	Hole Size — 7 7/8" <u>✓</u>	Rubber Size — 6 3/4" <u>✓</u>
Total Depth <u>5263</u>	Wt. Pipe Run <u>N/A</u>	Drill Collar Run <u>N/A</u>
Mud Wt. <u>9.1</u> LCM Trace Vis. <u>44</u> WL <u>12.8</u>	Drill Pipe Size <u>4 1/2 X 4</u>	Ft. Run <u>5225</u>
Blow Description <u>IF: Weak blow built to 6" in 40" slowly died off to weak surface blow</u>		
<u>IST: No blow back</u>		
<u>FF: Weak blow built to 1/2" slowly died to weak surface blow</u>		
<u>FSI: No blow back</u>		

Recovery — Total Feet <u>80'</u>	GIP <u> </u>	Ft. in DC <u> </u>	Ft. in DP <u>80'</u>
Rec. <u>80'</u> Feet Of <u>56CM</u>	<u>10</u> %gas	%oil <u>Trace</u>	%water <u>90</u> %mud
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water
BHT <u>124°</u>	°F Gravity <u> </u>	°API D@ <u> </u>	°F Corrected Gravity <u> </u> °API
RW <u> </u> @ <u> </u> °F	Chlorides <u> </u> ppm	Recovery <u> </u>	Chlorides <u>10000</u> ppm System

	AK-1	Alpine			
(A) Initial Hydrostatic Mud	<u>2671</u>	<u>2609</u>	PSI	Recorder No. <u>2357</u>	T-On Location <u>20:00</u>
(B) First Initial Flow Pressure	<u>51</u>	<u>23</u>	PSI	(depth) <u>5214'</u>	T-Started <u>00:45</u>
(C) First Final Flow Pressure	<u>51</u>	<u>32</u>	PSI	Recorder No. <u>10332</u>	T-Open <u>03:00</u>
(D) Initial Shut-In Pressure	<u>669</u>	<u>690</u>	PSI	(depth) <u>5260'</u>	T-Pulled <u>05:30</u>
(E) Second Initial Flow Pressure	<u>81</u>	<u>39</u>	PSI	Recorder No. <u> </u>	T-Out <u>08:30</u>
(F) Second Final Flow Pressure	<u>81</u>	<u>45</u>	PSI	(depth) <u> </u>	T-Off Location <u>09:30</u>
(G) Final Shut-in Pressure	<u>405</u>	<u>437</u>	PSI	Initial Opening <u>30</u>	Test <u>✓ 800</u>
(Q) Final Hydrostatic Mud	<u>2661</u>	<u>2546</u>	PSI	Initial Shut-in <u>60</u>	Jars <u>✓ 200</u>
				Final Flow <u>15</u>	Safety Joint <u>✓ 50</u>
				Final Shut-in <u>45</u>	Straddle <u> </u>

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Approved By [Signature]

Our Representative Darren G. Limerino

Circ. Sub
Sampler ✓ 200
Extra Packer
Elec. Rec. ✓ 150
Mileage
Other
TOTAL PRICE \$ 1400

TRILOBITE TESTING L.L.C.

OPERATOR : Star resources,L.L.C

DATE 05/14/199

WELL NAME: Currier #20-9

KB 2143.00 ft

TICKET NO: 11426

DST #3

LOCATION : 20-32s-18w Comanche co KS

GR 2135.00 ft

FORMATION: Viola

INTERVAL : 5724.00 To 5743.00 ft

TD 5743.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 15 Rec.	10332	10332	2357			PF Fr. 0030 to 0045 hr
SI 30 Range(Psi)	4025.0	4025.0	4995.0	0.0	0.0	IS Fr. 0045 to 0115 hr
SF 60 Clock(hrs)	12hr.	12hr.	elec.			SF Fr. 0115 to 0215 hr
FS 120 Depth(ft)	5740.0	5740.0	5731.0	0.0	0.0	FS Fr. 0215 to 0415 hr

	Field	1	2	3	4	
A. Init Hydro	2915.0	2892.0	2823.0	0.0	0.0	T STARTED 2131 hr
B. First Flow	61.0	68.0	14.0	0.0	0.0	T ON BOTM 0027 hr
B1. Final Flow	71.0	68.0	38.0	0.0	0.0	T OPEN 0030 hr
C. In Shut-in	1876.0	1873.0	1899.0	0.0	0.0	T PULLED 0415 hr
D. Init Flow	101.0	115.0	52.0	0.0	0.0	T OUT 0645 hr
E. Final Flow	172.0	175.0	153.0	0.0	0.0	
F. Fl Shut-in	1906.0	1912.0	1930.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2905.0	2892.0	2818.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	O	O	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 70000.00 lbs
						Initial Str Wt 60000.00 lbs
						Unseated Str Wt 62000.00 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 5719.00 ft

RECOVERY

Tot Fluid 315.00 ft of 0.00 ft in DC and 315.00 ft in DP
 120.00 ft of Gas in pipe
 90.00 ft of Slight gas and mud cut water
 0.00 ft of 18% gas 2% oil 28% water 52% mud
 125.00 ft of Slight mud cut gassy water
 0.00 ft of 4% gas trace of oil 85% water 10% mud
 120.00 ft of Salt water
 0.00 ft of
 0.00 ft of
 SALINITY 85000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
 Weak blow built to bottom of bucket
 in 2 1/2 mins.
 Initial Shut-in:
 Bled down for 10 mins. no blow back
 Final Flow:
 Weak blow built to 8" slowly
 died to 4" in water
 Final Shut-in:
 Bled down for 10 mins. no blow back

SAMPLES:

SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.10 lb/cf
Vis.	50.00 S/L
W.L.	9.60 in3
F.C.	0.32 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	140.00 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 Y	
Tool Chased N	
Tester	Darren L.Amerine
Co. Rep.	Pete Debenham
Contr.	Duke
Rig #	1
Unit #	none
Pump T.	no

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Currier #20-9

LOCATION : sec.20 twp.32s rge.18w

TICKET No. 11426 D.S.T. No. 3 DATE 05/14/199

TOTAL TOOL TO BOTTOM OF TOP PACKERS 30

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 19

TOTAL TOOL 49

DRILL COLLAR ANCHOR IN INTERVAL

C. ANCHOR STND.Stands Single Total

P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY

C. ABOVE TOOLS.Stands Single Total

P. ABOVE TOOLS.Stands92 Single Total 5719

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5768

TOTAL DEPTH 5743

TOTAL DRILL PIPE ABOVE K.B. 25

MARKS:

Fluid Sampler data
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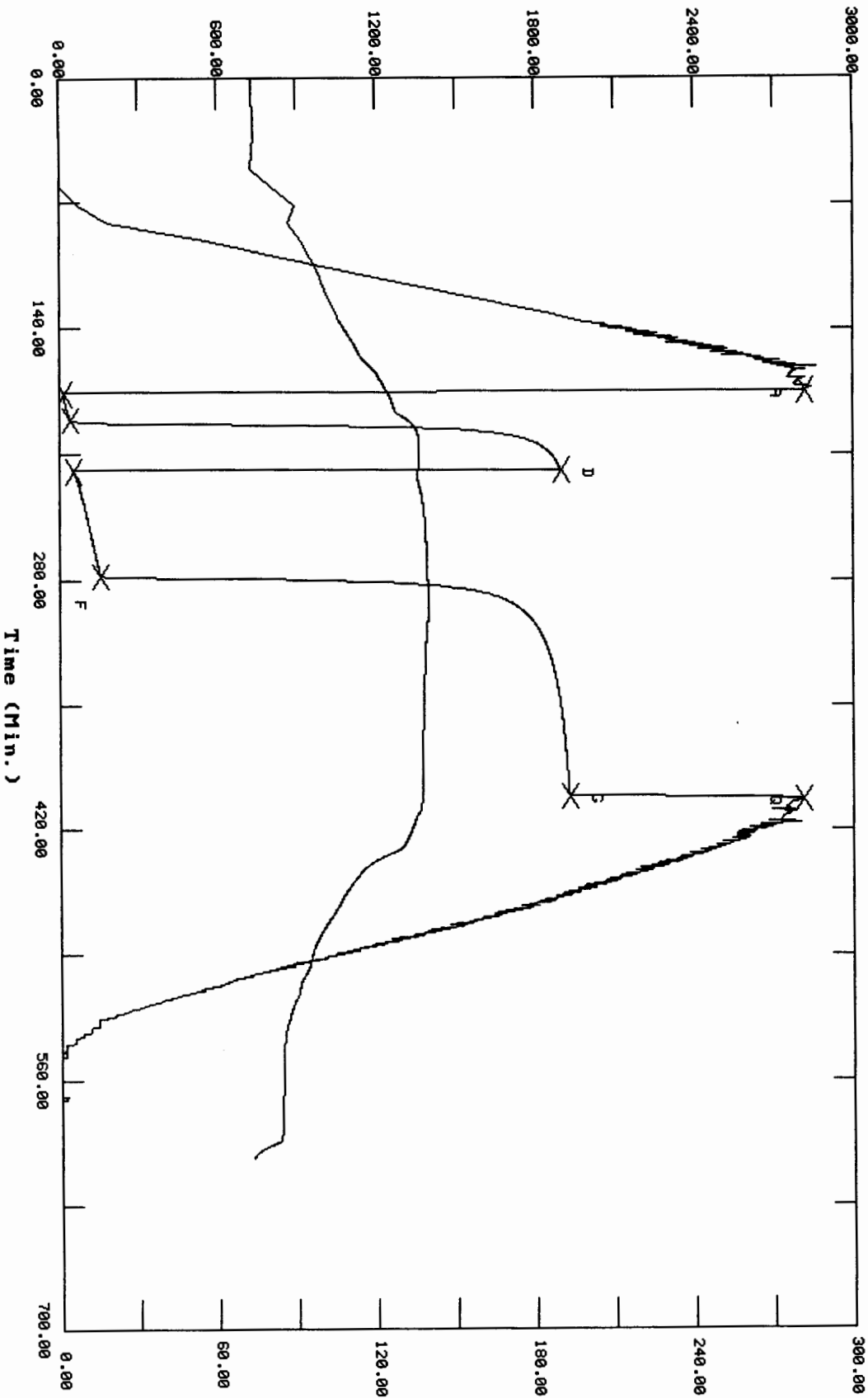
Sampler recovery  
~~~~~

Pit mud analysis
s---1000-.5-cf.of gas. #####
l---trace---ML. Chlorides---7000-ppm
d-----ML. res-----ohms.@---F
ter--3000---ML. Vis-----50-----
her-----ML. weight----9.1-----
essure--125--PSI. WL-----9.6-----
tal---4000---ML.

P.O. SUB top of tool @	5694
C.O. SUB	5695
S.I. TOOL	5700
3'sample chamber	5703
HMV	5708
JARS	5713
SAFETY JOINT	5715
PACKER	5719
PACKER	5724
DEPTH 5724	
STUBB 1'to	5725
ANCHOR 16'of perfs.to	5741
Alpine rec.@ 5731	
	5741
T.C.	
DEPTH	
	5741
Ak-1 rec.@ 5740	
BULLNOSE 2' bullnose to	5743
T.D.	

TEST HISTORY

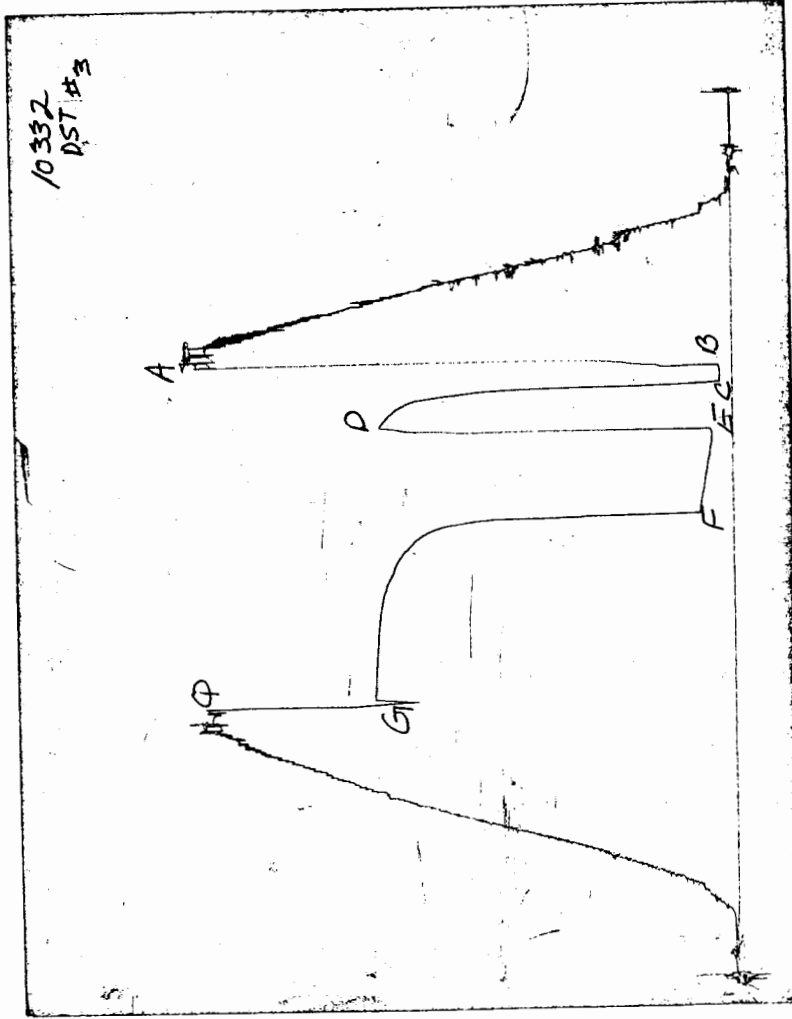
Tk#11426 DST#3 Currier #20-9 Star resources



Flag Points

t (Min.)	P (PSIg)
A: 0.00	2823.46
B: 0.00	13.76
C: 15.00	37.90
D: 27.75	1899.45
E: 0.00	51.69
F: 58.50	153.31
G: 123.50	1929.67
H: 0.00	2818.18

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

FLUID SAMPLER DATA

Ticket No. #11426 Date 05/14/1999
Company Name Star Resources, L.L.C.
Lease Carrier Test No. #3 Viola Fm
County Comanche Sec. 20 Twp. 32S Rng. 18W

SAMPLER RECOVERY

Gas 1000 1.5 cu ft ML
Oil Trace ML
Mud _____ ML
Water 3000 ML
Other _____ ML
Pressure 125 PSI PSI
Total 4000 ML

PIT MUD ANALYSIS

Chlorides 7,000 ppm.
Resistivity .8 ohms @ 75° F
Viscosity 50
Mud Weight 9.1
Filtrate 9.6
Other _____

SAMPLER ANALYSIS

Resistivity .06 ohms @ 69 F
Chlorides 140,000 ppm.
Gravity _____ corrected @ 60 F

PIPE RECOVERY

TOP
Resistivity .1 ohms @ 71 F
Chlorides 75,000 ppm.

MIDDLE
Resistivity .2 ohms @ 72° F
Chlorides 85,000 ppm.

BOTTOM
Resistivity .1 ohms @ 72° F
Chlorides 80,000 ppm.

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 11426

Well Name & No.	Currier #20-9	Test No.	#3	Date	05/24/1999
Company	Star Resources, L.L.C.	Zone Tested	Violet		
Address	1125 17th St Suite 2360 Denver, Co. 80202	Elevation	2113	KB	2135 GL
Co. Rep / Geo.	Pete Debenham	Cont.	Duke #1	Est. Ft. of Pay	Por. %
Location: Sec.	20	Twp.	32S	Rge.	18W
		Co.	Comanche	State	TX
No. of Copies	5	Distribution Sheet (Y, N)	—	Turnkey (Y, N)	—
		Evaluation (Y, N)	—		

Interval Tested	5724' - 5743'	Initial Str Wt./Lbs.	60000	Unseated Str Wt./Lbs.	62000
Anchor Length	19'	Wt. Set Lbs.	10000	Wt. Pulled Loose/Lbs.	70000
Top Packer Depth	5719'	Tool Weight	2100		
Bottom Packer Depth	5724'	Hole Size — 7 7/8"	✓	Rubber Size — 6 3/4"	✓
Total Depth	5743'	Wt. Pipe Run	N/A	Drill Collar Run	N/A
Mud Wt.	9.1 LCM 6# Vis. 50 WL 9.6	Drill Pipe Size	4 1/2 x 4	Ft. Run	5719
Blow Description	TF: Weak blow built to b.o.p. in 2 1/2 ISI: Bled down for 10 mins no blow back. FF: Weak blow built to 8" slowly died off to 4" FSI: Bled down for 10 mins. No blow back.				
Recovery — Total Feet	315	GIP	120'	Ft. in DC	Ft. in DP 315'
Rec.	90'	Feet Of	SRMCW	18 %gas	Trace %oil 28 %water 52 %mud
Rec.	125'	Feet Of	SRMCW	4 %gas	Trace %oil 85 %water 10 %mud
Rec.	100'	Feet Of	Salt Water	%gas	%oil 100 %water %mud
Rec.	120'	Feet Of	GIP	%gas	%oil %water %mud
Rec.		Feet Of		%gas	%oil %water %mud
BHT	140°	°F Gravity		°API D@	°F Corrected Gravity
RW	.2 @ 72	°F Chlorides	85,000	ppm Recovery	Chlorides 7,000 ppm System

(A) Initial Hydrostatic Mud	AK-1 2915	Alpine 2823	PSI Recorder No.	2357	T-On Location	2000
(B) First Initial Flow Pressure	61	14	PSI (depth)	5731'	T-Started	21:31
(C) First Final Flow Pressure	71	38	PSI Recorder No.	10332	T-Open	00:30
(D) Initial Shut-In Pressure	1876	1899	PSI (depth)	5740'	T-Pulled	04:15
(E) Second Initial Flow Pressure	101	52	PSI Recorder No.		T-Out	06:45
(F) Second Final Flow Pressure	172	153	PSI (depth)		T-Off Location	09:00
(G) Final Shut-in Pressure	1906	1930	PSI Initial Opening	15	Test	✓ 800
(Q) Final Hydrostatic Mud	2905	2818	PSI Initial Shut-in	30	Jars	✓ 200
			Final Flow	60	Safety Joint	✓ 50
			Final Shut-in	120	Straddle	

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Approved By Pete Debenham

Our Representative Dawn S. Lerner

Mileage
Other
TOTAL PRICE \$ 1400

(1)