

TRILOBITE TESTING L.L.C.

OPERATOR : Daystar Petro, Inc.

DATE 5-12-99

WELL NAME: Lousch B-1

KB 2072.00 ft TICKET NO: 11660 DST #1

LOCATION : 6-33s-18w-Comanche-Ks

GR 2067.00 ft FORMATION: Upper Drum

INTERVAL : 4714.00 To 4738.00 ft

TD 4738.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13754	13754	2341			PF Fr. 0631 to 0701 hr
SI 60 Range(Psi)	4000.0	4000.0	4995.0	0.0	0.0	IS Fr. 0701 to 0801 hr
SF 30 Clock(hrs)	12	12	elect			SF Fr. 0801 to 0831 hr
FS 60 Depth(ft)	4735.0	4735.0	4718.0	0.0	0.0	FS Fr. 0831 to 0931 hr

	Field	1	2	3	4	
A. Init Hydro	2380.0	2376.0	2268.0	0.0	0.0	T STARTED 0235 hr
B. First Flow	68.0	68.0	37.0	0.0	0.0	T ON BOTM 0628 hr
B1. Final Flow	118.0	111.0	98.0	0.0	0.0	T OPEN 0631 hr
C. In Shut-in	1336.0	1343.0	1349.0	0.0	0.0	T PULLED 0931 hr
D. Init Flow	147.0	143.0	114.0	0.0	0.0	T OUT 1320 hr
E. Final Flow	216.0	202.0	200.0	0.0	0.0	
F. Fl Shut-in	1326.0	1322.0	1328.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2289.0	2296.0	2293.0	0.0	0.0	Tool Wt. 1000.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 70000.00 lbs
						Initial Str Wt 65000.00 lbs
						Unseated Str Wt 65000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.80 in
						D Col. ID 2.25 in
						D. Pipe ID 3.88 in
						D.C. Length 240.00 ft
						D.P. Length 4475.00 ft

RECOVERY

Tot Fluid 461.00 ft of 240.00 ft in DC and 221.00 ft in DP
 97.00 ft of Gassy Mud 40% gas 60% mud
 364.00 ft of Muddy water 90% water 10% 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 23000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:

Strong-bottom of bucket in 30 sec.

Final Flow:

Strong-bottom of bucket in 30 sec

SAMPLES:

SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.20 lb/c
Vis.	42.00 S/L
W.L.	12.00 in3
F.C.	0.00 in
Mud Drop N	

Amt. of fill	0.00 ft
Btm. H. Temp.	121.00 F
Hole Condition	Good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out N	
Tool Chased N	

Tester	Dan Bangle
Co. Rep.	Tom Robinson
Contr.	Pickrell
Rig #	1
Unit #	
Pump T.	

Test Successful: Y

GAS RECOVERY

COMPANY: Daystar Petro, Inc.

DATE: 5-12-99

WELL NAME: Lousch B-1

KB Elev: 2072.00 ft TICKET #11660 DST #1

WELL LOCATION: Sec6-33-18-Comanche-Ks

GR Elev: 2067.00 ft FORMATION: Upper Drum

INTERVAL Fr.: 4714.00 To 4738.00 T.D.: 4738.00 ft TEST TYPE: CONV

GAS RECOVERY MEASURED WITH Merla

*** GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
15	0.38	0	50	25200.0
20	0.38	0	52	25700.0
25	0.38	0	52	25700.0
30	0.38	0	52	25700.0

*** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
5	0.38	0	58	27100.0
10	0.38	0	54	26200.0
15	0.38	0	54	26200.0
20	0.38	0	50	25200.0
25	0.38	0	50	25200.0
30	0.38	0	40	22500.0

*** TOOL DIAGRAM *** CONV

WELL NAME: Lousch B-1

LOCATION : Sec6-33-18-Comanche-Ks

TICKET No. 11660 D.S.T. No. 1 DATE 5-12-99

TOTAL TOOL TO BOTTOM OF TOP PACKERS 28

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 24

TOTAL TOOL 52

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 52

D.C. ABOVE TOOLS.Stands4 Single Total 240

D.P. ABOVE TOOLS.Stands72 Single 1 Total 4475

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4767

TOTAL DEPTH 4738

TOTAL DRILL PIPE ABOVE K.B. 29

REMARKS:

P.O. SUB	4566
C.O. SUB	4686
S.I. TOOL	4692
HMV	4697
JARS	4702
SAFETY JOINT	4705
PACKER	4709
PACKER	4714
DEPTH 4714	
STUBB 1'	4715
ANCHOR 3' Perfs	4718
Alpine @ 4718	
5' Perfs	4723
5' Perfs	4728
T.C.	
DEPTH	
5' Perfs	4733
AK-1 @ 4735	
BULLNOSE 5' Bullplug	4738
T.D.	4738

TEST HISTORY

Tk# 11660 DST# 1 Lousch B-1 Daystar Petro, Inc.

Flag Points		
t (Min.)	P (PSig)	t (Min.) P (PSig)
A: 0.00	2268.22	Q: 0.00 2292.60
B: 0.00	36.62	
C: 27.00	98.10	
D: 61.00	1349.49	
E: 0.00	114.13	
F: 29.00	200.40	
G: 61.00	1327.84	
H: 0.00	1327.84	

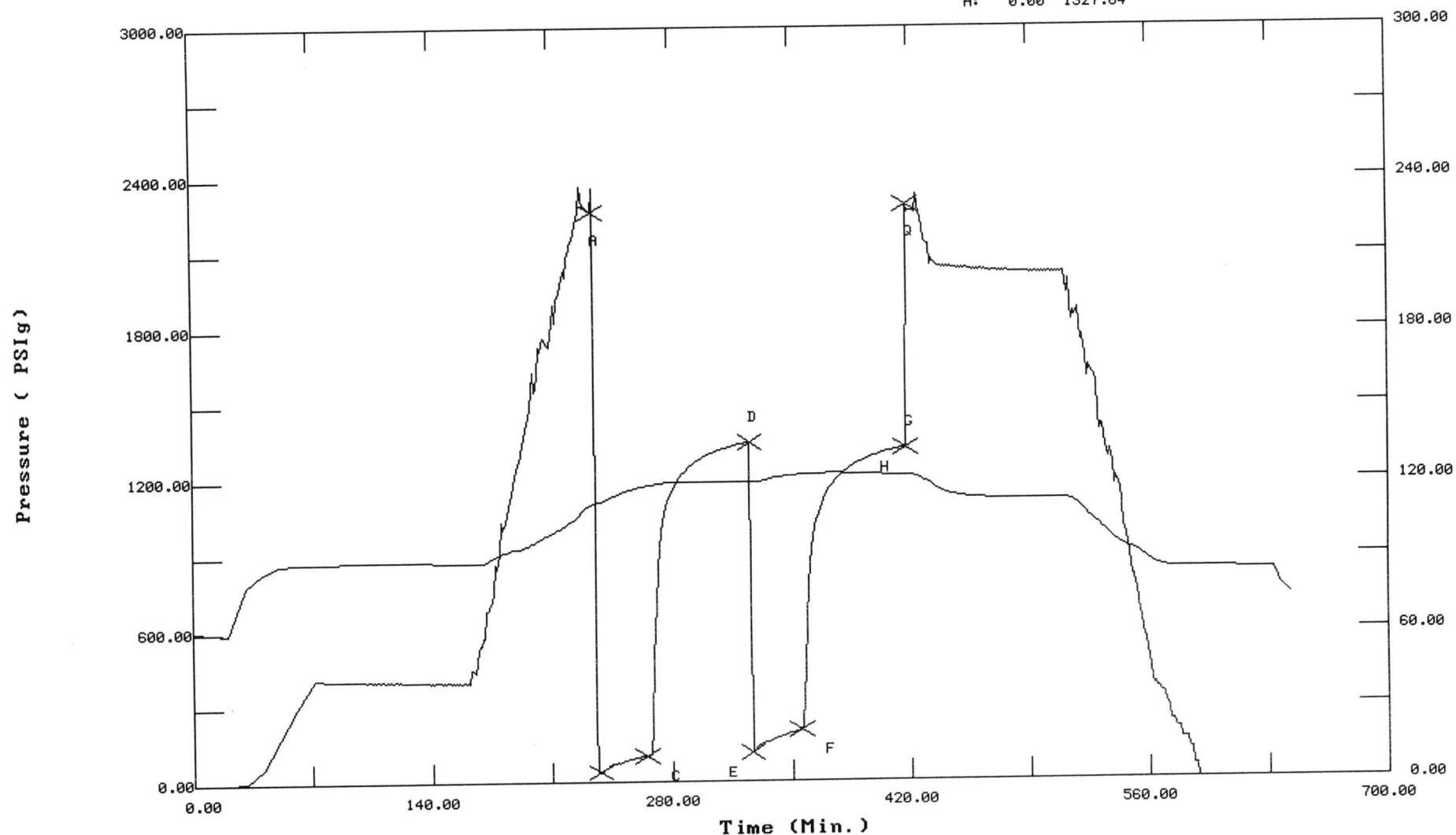
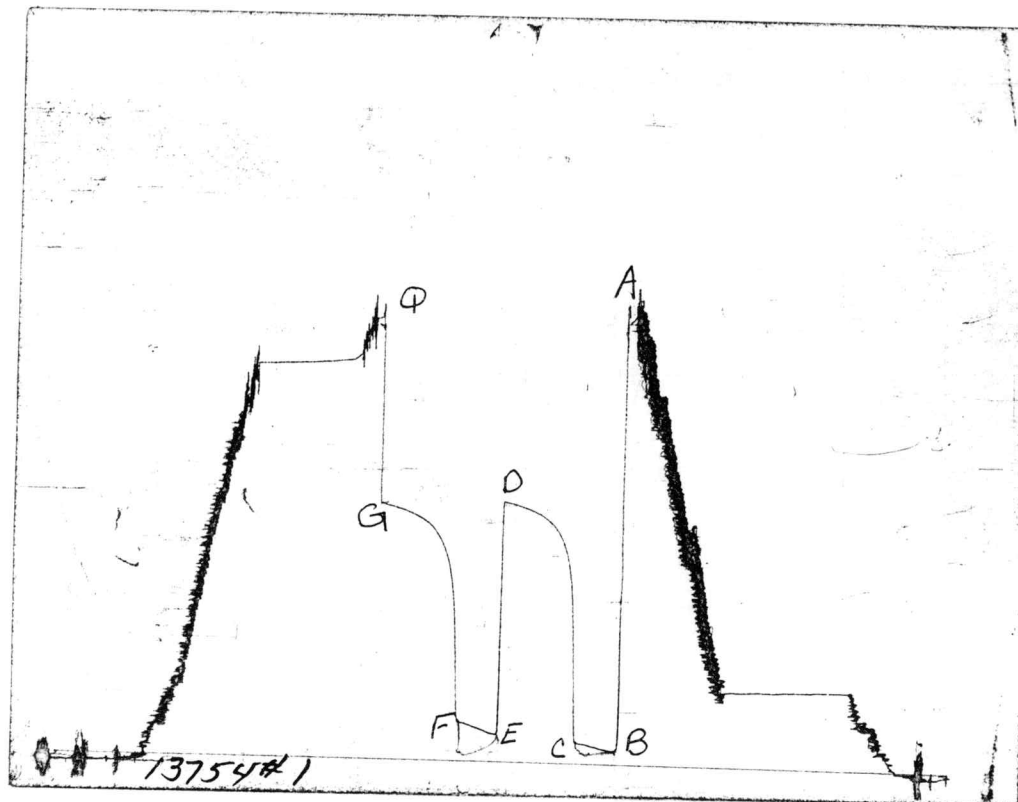


CHART PAGE



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

TRILOBITE TESTING L.L.C.

OPERATOR : Daystar Petro, Inc.

WELL NAME: Lousch B-1

LOCATION : 6-33s-18w-Comanche-Ks

INTERVAL : 4826.00 To 4845.00 ft

DATE 5-13-99

KB 2072.00 ft

GR 2067.00 ft

TD 4845.00 ft

TICKET NO: 11661

FORMATION: Swope

TEST TYPE: CONV

DST #2

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13754	13754	2341			PF Fr. 0719 to 0751 hr
SI 60 Range(Psi)	4000.0	4000.0	4995.0	0.0	0.0	IS Fr. 0751 to 0851 hr
SF 30 Clock(hrs)	12	12	elect			SF Fr. 0851 to 0919 hr
FS 90 Depth(ft)	4842.0	4842.0	4830.0	0.0	0.0	FS Fr. 0919 to 1051 hr

	Field	1	2	3	4	
A. Init Hydro	2461.0	2460.0	2424.0	0.0	0.0	T STARTED 0512 hr
B. First Flow	196.0	192.0	159.0	0.0	0.0	T ON BOTM 0716 hr
B1. Final Flow	265.0	262.0	252.0	0.0	0.0	T OPEN 0719 hr
C. In Shut-in	1246.0	1253.0	1244.0	0.0	0.0	T PULLED 1051 hr
D. Init Flow	314.0	313.0	283.0	0.0	0.0	T OUT 1315 hr
E. Final Flow	423.0	413.0	406.0	0.0	0.0	
F. Fl Shut-in	1266.0	1263.0	1248.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2350.0	2349.0	2287.0	0.0	0.0	Tool Wt. 1000.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 80000.00 lbs
						Initial Str Wt 68000.00 lbs
						Unseated Str Wt 70000.00 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 240.00 ft
						D.P. Length 4569.00 ft

RECOVERY

Tot Fluid 999.00 ft of 240.00 ft in DC and 759.00 ft in DP

77.00 ft of Gassy mud 30% gas 70% mud

310.00 ft of Muddy water 75% water 25% mud

612.00 ft of Water 100% water

0.00 ft of

0.00 ft of

0.00 ft of

0.00 ft of

0.00 ft of

SALINITY 10000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:

Strong-bottom of bucket in 20 sec.

Final Flow:

Strong-bottom of bucket in 1 min

MUD DATA-----

Mud Type	Chemical
Weight	9.30 lb/cf
Vis.	53.00 S/L
W.L.	10.40 in3
F.C.	0.00 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

Cushion Type

Reversed Out N

Tool Chased N

Tester Dan Bangle

Co. Rep. Tom Robinson

Contr. Pickrell

Rig # 1

Unit #

Pump T.

SAMPLES: IF-

SENT TO:

Test Successful: Y

GAS RECOVERY

COMPANY: Daystar Petro, Inc. DATE: 5-13-99
 WELL NAME: Lousch B-1 KB Elev: 2072.00 ft TICKET #11661 DST #2
 WELL LOCATION: 6-33s-18w-Comanche-Ks GR Elev: 2067.00 ft FORMATION: Swope
 INTERVAL Fr.: 4826.00 To 4845.00 T.D.: 4845.00 ft TEST TYPE: CONV

GAS RECOVERY MEASURED WITH Merla

***** GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
5	1.50	0	40	440000.0
10	1.50	0	46	473000.0
15	1.50	0	40	440000.0
20	1.50	0	30	381000.0
25	1.50	0	26	355000.0
30	1.50	0	20	311000.0

***** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
0	1.50	0	18	295000.0
5	1.50	0	16	278000.0
10	1.50	0	10	220000.0
15	1.50	0	8	197000.0
20	1.50	0	6	170000.0
25	1.50	0	3	121000.0
30	1.50	0	3	121000.0

*** TOOL DIAGRAM *** CONV

WELL NAME: Lousch B-1

LOCATION : Sec6-33-18-Comanche-Ks

TICKET No. 11661 D.S.T. No. 2 DATE 5-13-99

TOTAL TOOL TO BOTTOM OF TOP PACKERS 28

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 19

TOTAL TOOL 47

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 47

D.C. ABOVE TOOLS.Stands4 Single Total 240

D.P. ABOVE TOOLS.Stands74 Single 1 Total 4569

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4856

TOTAL DEPTH 4845

TOTAL DRILL PIPE ABOVE K.B. 11

REMARKS:

P.O. SUB	4678
C.O. SUB	4798
S.I. TOOL	4804
HMV	4809
JARS	4814
SAFETY JOINT	4817
PACKER	4821
PACKER	4826
DEPTH 4826	
STUBB 1'	4827
ANCHOR 3' Perfs	4830
Alpine @ 4830	
5' Perfs	4835
5' Perfs	4840
T.C.	
DEPTH	
Ak-1 @ 4842	
BULLNOSE 5' Bullplug	4845
T.D.	4845

TEST HISTORY

Tk# 11661 DST# 2 Lousch B-1 Daystar Petro, Inc.

Flag Points
t(Min.) P(PSig)

A: 0.00 2423.64
B: 0.00 159.17
C: 29.00 251.52
D: 60.00 1243.60
E: 0.00 282.98
F: 24.00 406.05
G: 93.00 1247.71
Q: 0.00 2287.23

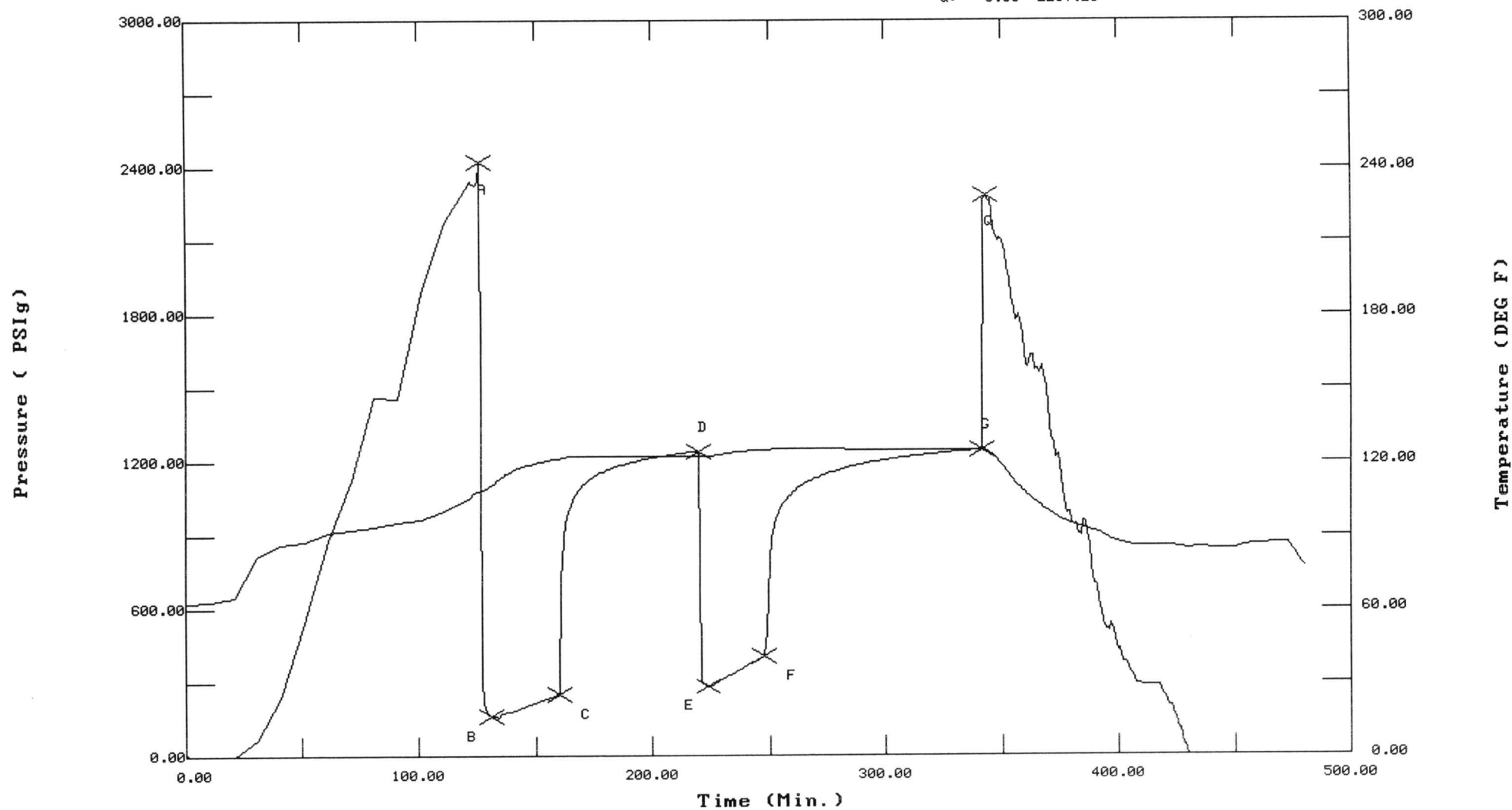
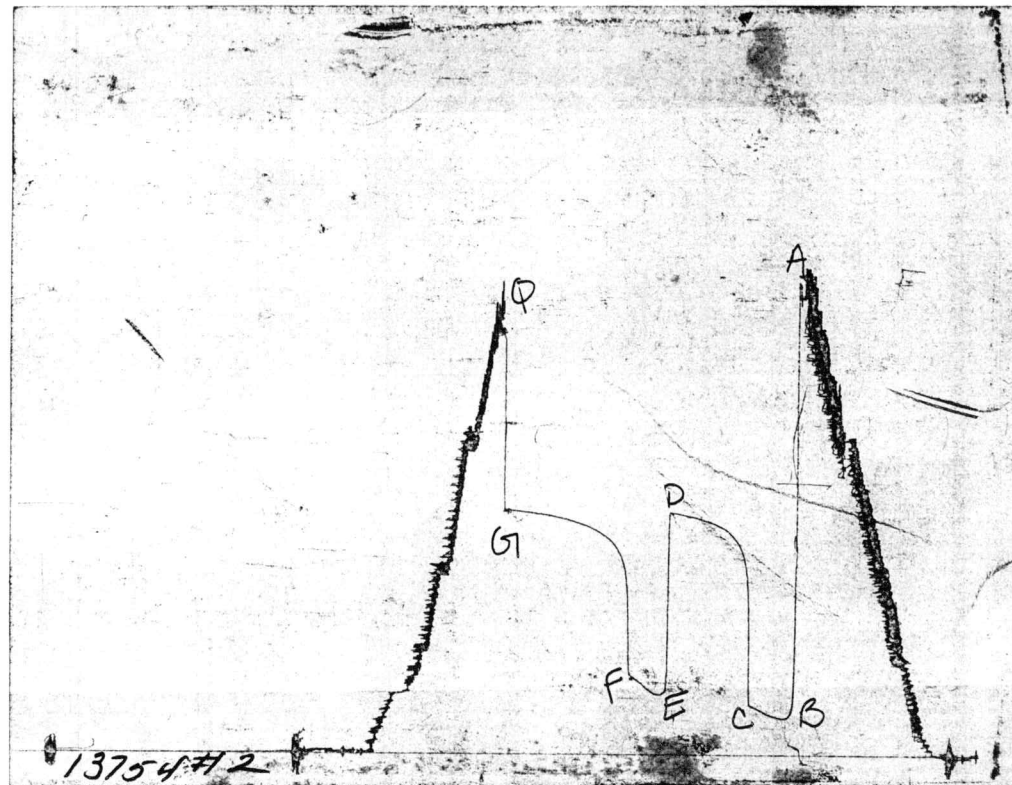


CHART PAGE



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

TRILOBITE TESTING L.L.C.

OPERATOR : Daystar Petro, Inc.

DATE 5-14-99

WELL NAME: Lousch B-1

KB 2072.00 ft

TICKET NO: 11662

DST #3

LOCATION : 6-33s-18w-Comanche-Ks

GR 2067.00 ft

FORMATION: Pawnee/Ft. Scott

INTERVAL : 5093.00 To 5136.00 ft

TD 5136.00 ft

TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13754	13754	2341			PF Fr. 1806 to 1836 hr
SI 60 Range(Psi)	4000.0	4000.0	4995.0	0.0	0.0	IS Fr. 1836 to 1936 hr
SF 45 Clock(hrs)	12	12	elect			SF Fr. 1936 to 2021 hr
FS 90 Depth(ft)	5133.0	5133.0	5097.0	0.0	0.0	FS Fr. 2021 to 2151 hr

	Field	1	2	3	4	
A. Init Hydro	2542.0	2556.0	2534.0	0.0	0.0	T STARTED 1554 hr
B. First Flow	39.0	40.0	15.0	0.0	0.0	T ON BOTM 1804 hr
B1. Final Flow	59.0	49.0	39.0	0.0	0.0	T OPEN 1806 hr
C. In Shut-in	1846.0	1846.0	1842.0	0.0	0.0	T PULLED 2151 hr
D. Init Flow	68.0	57.0	29.0	0.0	0.0	T OUT 0030 hr
E. Final Flow	68.0	57.0	37.0	0.0	0.0	
F. Fl Shut-in	1856.0	1846.0	1842.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2481.0	2469.0	2518.0	0.0	0.0	Tool Wt. 1500.00 lbs
Inside/Outside	O	O	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 75000.00 lbs
						Initial Str Wt 70000.00 lbs
						Unseated Str Wt 70000.00 lbs

RECOVERY

Tot Fluid 120.00 ft of	120.00 ft in DC and	0.00 ft in DP
120.00 ft of Gassy mud 20% gas 80% 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		
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-bottom of bucket in 1 min

Final Flow:

Strong-bottom of bucket in 20 sec

Gas to surface as soon as tool opened

MUD DATA-----

Mud Type	Chemical
Weight	9.10 lb/cf
Vis.	44.00 S/L
W.L.	9.50 in3
F.C.	0.00 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	117.00 F
Hole Condition	Good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out N	
Tool Chased N	
Tester	Dan Bangle
Co. Rep.	Tom Robinson
Contr.	Pickrell
Rig #	1
Unit #	
Pump T.	

SAMPLES:

SENT TO:

Test Successful: Y

GAS RECOVERY

COMPANY: Daystar Petro, Inc.

DATE: 5-14-99

WELL NAME: Lousch B-1

KB Elev: 2072.00 ft TICKET #11662 DST #3

WELL LOCATION: Sec6-33s-18w-Comanche-Ks

GR Elev: 2067.00 ft FORMATION: Pawnee/Ft. Scott

INTERVAL Fr.: 5093.00 To 5136.00 T.D.: 5136.00 ft TEST TYPE: CONV

GAS RECOVERY MEASURED WITH Merla

***** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
0	0.75	0	40	89800.0
5	0.75	0	30	77800.0
10	0.75	0	24	69500.0
15	0.75	0	14	53300.0
20	0.75	0	14	53300.0
25	0.75	0	14	53300.0
30	0.75	0	14	53300.0
35	0.75	0	14	53300.0
40	0.75	0	14	53300.0
45	0.75	0	14	53300.0

*** TOOL DIAGRAM *** CONV

WELL NAME: Lousch B-1

LOCATION : Sec6-33s-18w-Comanche-Ks

TICKET No. 11662 D.S.T. No. 3 DATE 5-14-99

TOTAL TOOL TO BOTTOM OF TOP PACKERS 28

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 43

TOTAL TOOL 71

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 71

D.C. ABOVE TOOLS.Stands4 Single Total 240

D.P. ABOVE TOOLS.Stands79 Single Total 4853

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5164

TOTAL DEPTH 5136

TOTAL DRILL PIPE ABOVE K.B. 28

REMARKS:

No gas to surface on initial flow

P.O. SUB	4945
C.O. SUB	5065
S.I. TOOL	5071
HMV	5076
JARS	5081
SAFETY JOINT	5084
PACKER	5088
PACKER	5093
DEPTH 5093	
STUBB 1'	5094
ANCHOR 3' Perfs	5097
Alpine @ 5097	
5' Perfs	5102
5' Perfs	5107
5' Perfs	5112
T.C. DEPTH	
5' Perfs	5117
5' Perfs	5122
5' Perfs	5127
4' Perfs	5131
AK-1 @ 5133	
BULLNOSE 5'	5136
T.D.	5136

TEST HISTORY

Tk# 11662 DST# 3 Lousch B-1 Daystar Petro, Inc.

Flag Points

t(Min.) P(PSig)

A:	0.00	2533.68
B:	0.00	15.17
C:	29.00	38.58
D:	60.00	1841.77
E:	0.00	28.76
F:	43.00	36.73
G:	90.00	1841.53
Q:	0.00	2518.22

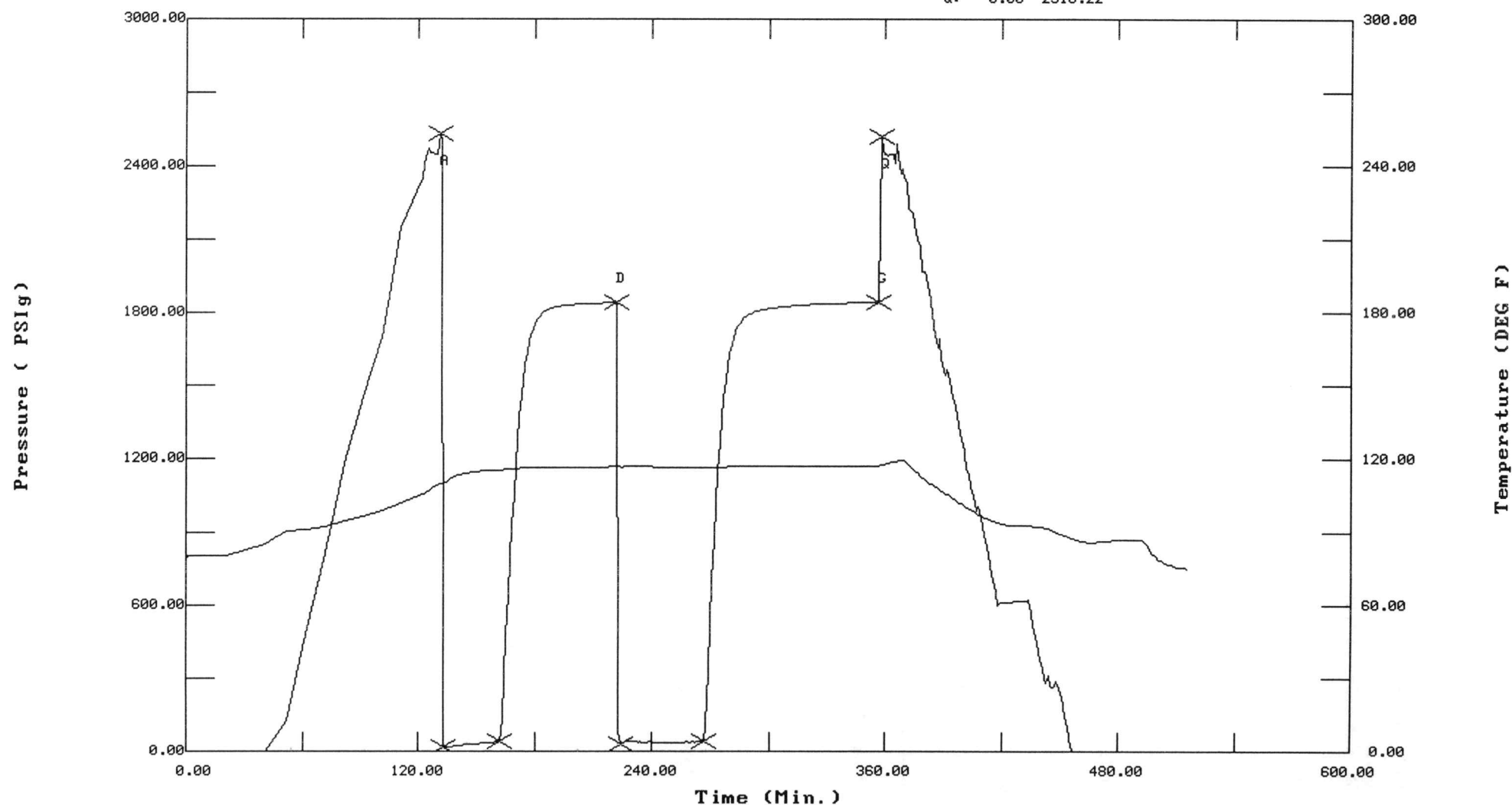
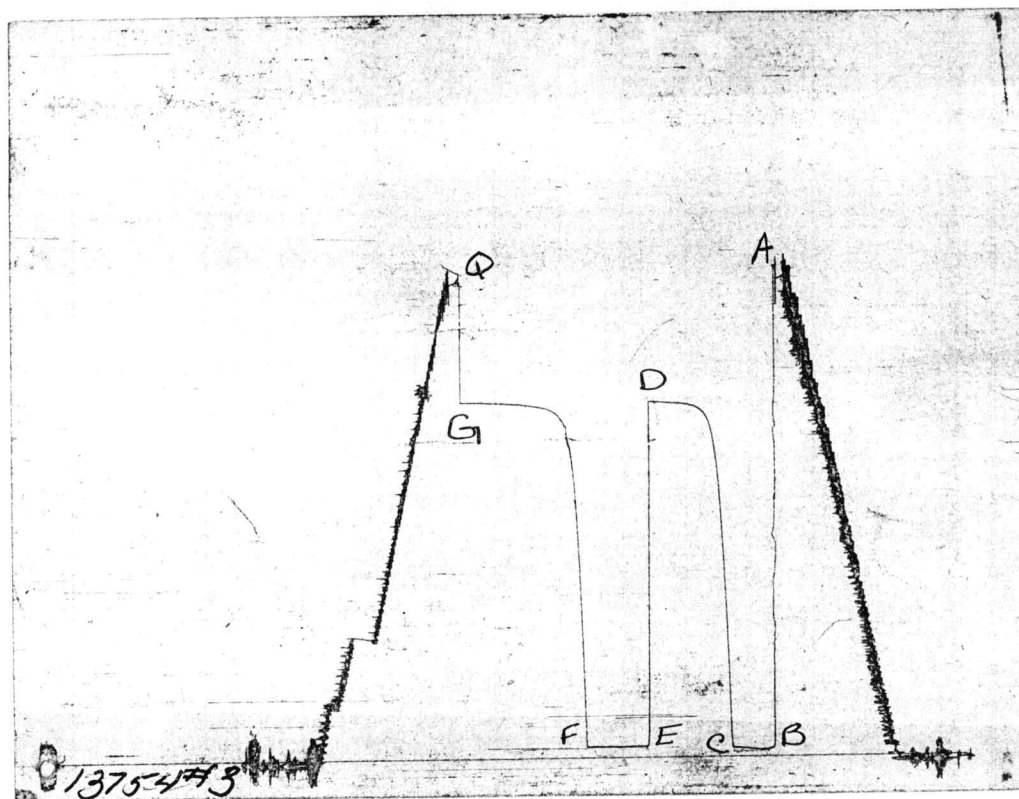


CHART PAGE



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

TRILOBITE TESTING L.L.C.

OPERATOR : Daystar Petro, Inc.

DATE 5-15-99

WELL NAME: Lousch B-1

KB 2072.00 ft

TICKET NO: 11663

DST #4

LOCATION : 6-33s-18w-Comanche-Ks

GR 2067.00 ft

FORMATION: Miss

INTERVAL : 5204.00 To 5244.00 ft

TD 5244.00 ft

TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13754	13754	2341			PF Fr. 1450 to 1520 hr
SI 60 Range(Psi)	4000.0	4000.0	4995.0	0.0	0.0	IS Fr. 1520 to 1620 hr
SF 30 Clock(hrs)	12	12	elect			SF Fr. 1620 to 1650 hr
FS 60 Depth(ft)	5241.0	5241.0	5208.0	0.0	0.0	FS Fr. 1650 to 1750 hr

	Field	1	2	3	4	
A. Init Hydro	2583.0	2550.0	2581.0	0.0	0.0	T STARTED 1238 hr
B. First Flow	98.0	93.0	87.0	0.0	0.0	T ON BOTM 1448 hr
B1. Final Flow	68.0	66.0	41.0	0.0	0.0	T OPEN 1450 hr
C. In Shut-in	1336.0	1348.0	1349.0	0.0	0.0	T PULLED 1750 hr
D. Init Flow	49.0	61.0	28.0	0.0	0.0	T OUT 2020 hr
E. Final Flow	68.0	64.0	47.0	0.0	0.0	
F. Fl Shut-in	1136.0	1132.0	1126.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2542.0	2550.0	2527.0	0.0	0.0	Tool Wt. 1500.00 lbs
Inside/Outside	O	O	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 75000.00 lbs
						Initial Str Wt 72000.00 lbs
						Unseated Str Wt 72000.00 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 240.00 ft
						D.P. Length 4966.00 ft

RECOVERY

Tot Fluid 180.00 ft of 180.00 ft in DC and 0.00 ft in DP
 180.00 ft of Gassy mud 20% gas 80% 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
 0.00 ft of

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

BLOW DESCRIPTION

Initial Flow:

Strong-bottom of bucket in 20 sec

Final Flow:

Strong-bottom of bucket in 10 sec

MUD DATA-----

Mud Type	Chemical
Weight	9.00 lb/c
Vis.	44.00 S/L
W.L.	10.50 in3
F.C.	0.00 in

Mud Drop N

Amt. of fill	0.00 ft
Btm. H. Temp.	126.00 F
Hole Condition	Good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00

Cushion Type

Reversed Out N

Tool Chased N

Tester Dan Bangle

Co. Rep. Tom Robinson

Contr. Pickrell

Rig # 1

Unit #

Pump T.

SAMPLES: FF

SENT TO:

Test Successful: Y

GAS RECOVERY

COMPANY: Daystar Petro, Inc.

DATE: 5-15-99

WELL NAME: Lousch B-1

KB Elev: 2072.00 ft TICKET #11663 DST #4

WELL LOCATION: 6-33s-18w-Comanche-Ks

GR Elev: 2067.00 ft FORMATION: Miss

INTERVAL Fr.: 5204.00 To 5244.00 T.D.: 5244.00 ft TEST TYPE: CONV

GAS RECOVERY MEASURED WITH Merla

**** GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
10	0.75	0	80	127000.0
15	0.75	0	70	119000.0
20	0.75	0	44	94100.0
25	0.75	0	32	80300.0
30	0.75	0	24	69500.0

**** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
0	0.75	0	80	127000.0
5	0.75	0	60	110000.0
10	0.75	0	36	85200.0
15	0.75	0	18	60200.0
20	0.75	0	12	49300.0
25	0.75	0	12	49300.0
30	0.75	0	12	49300.0

*** TOOL DIAGRAM *** CONV

WELL NAME: Lousch B-1

LOCATION : 6-33s-18w-Comanche-Ks

TICKET No. 11663 D.S.T. No. 4 DATE 5-15-99

TOTAL TOOL TO BOTTOM OF TOP PACKERS 28

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 40

TOTAL TOOL 68

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 68

D.C. ABOVE TOOLS.Stands4 Single Total 240

D.P. ABOVE TOOLS.Stands80 Single 1 Total 4966

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5274

TOTAL DEPTH 5244

TOTAL DRILL PIPE ABOVE K.B. 30

REMARKS:

	P.O. SUB	5056
	C.O. SUB	5176
	S.I. TOOL	5182
	HMV	5187
	JARS	5192
	SAFETY JOINT	5195
	PACKER	5199
	PACKER	5204
	DEPTH 5204	
	STUBB 1'	5205
	ANCHOR 4' Perfs	5209
	Alpine @ 5209	
	5' Perfs	5214
	5' Perfs	5219
	5' Perfs	5224
	T.C.	
	DEPTH	
	5' Perfs	5229
	5' Perfs	5234
	5' Perfs	5239
	AK-1 @ 5241	
	BULLNOSE 5'	5244
	T.D.	5244

TEST HISTORY

Tk# 11662 DST# 3 Lousch B-1 Daystar Petro, Inc.

Flag Points
t(Min.) P(PSig)

A: 0.00 2533.68
B: 0.00 15.17
C: 29.00 38.58
D: 60.00 1841.77
E: 0.00 28.76
F: 43.00 36.73
G: 90.00 1841.53
Q: 0.00 2518.22

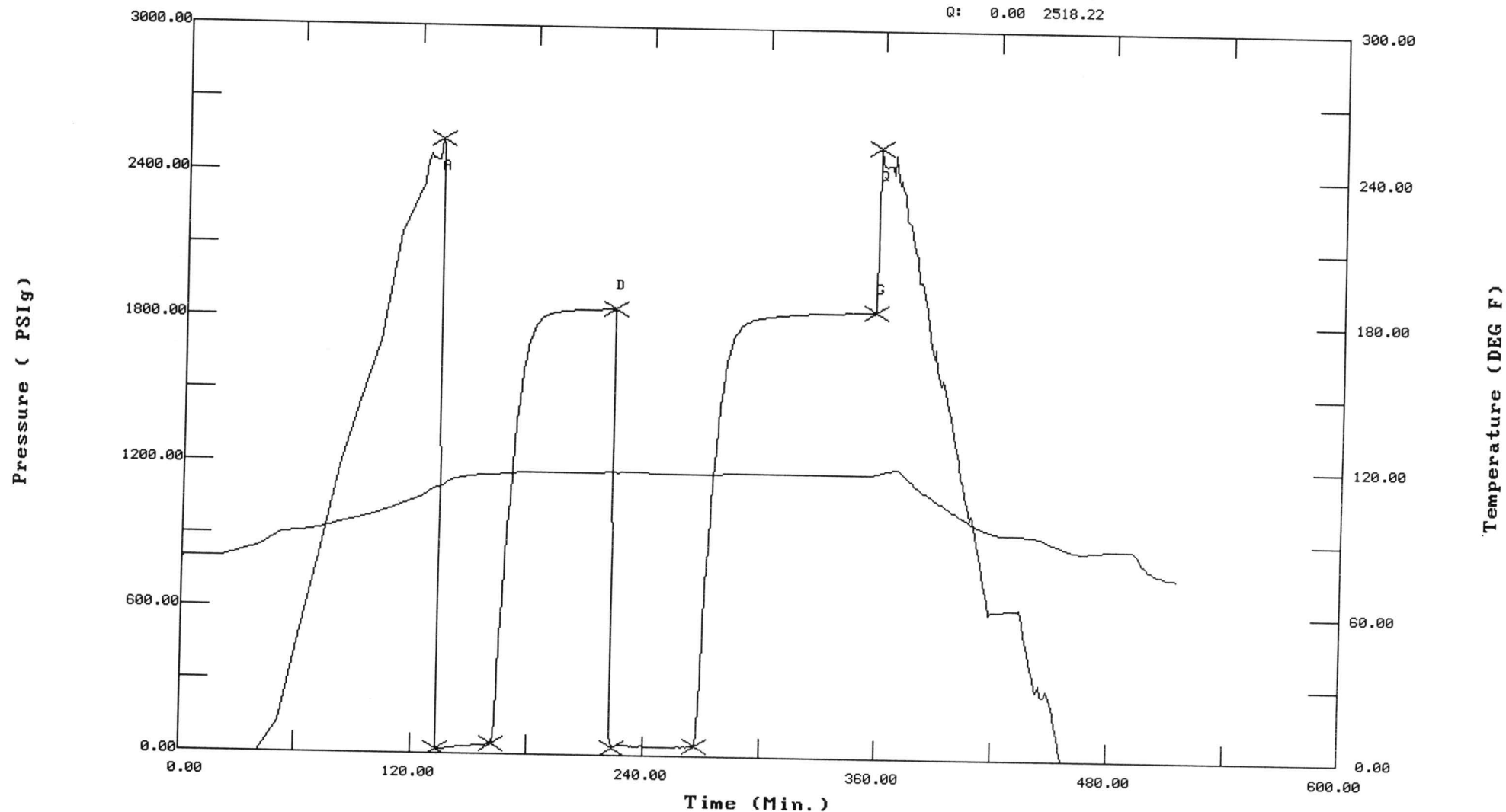
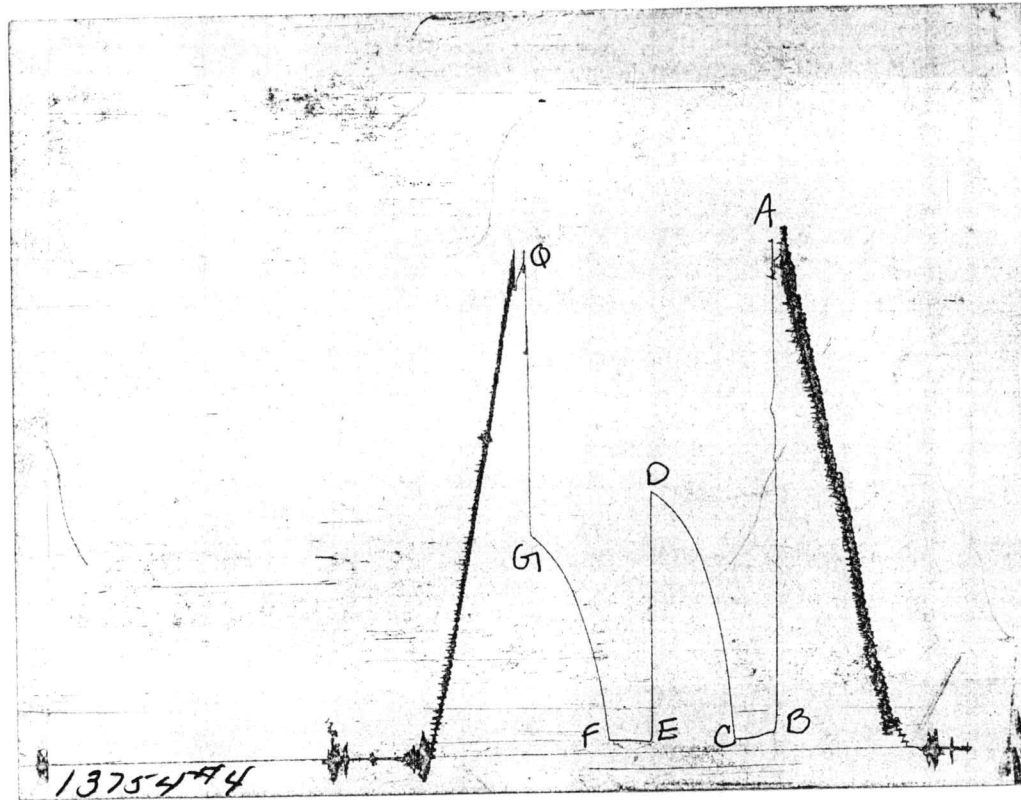


CHART PAGE



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

TRILOBITE TESTING L.L.C.

OPERATOR : Daystar Petro, Inc.

DATE 5-19-99

WELL NAME: Lousch B-1

KB 2072.00 ft

TICKET NO: 11665

DST #5

LOCATION : 6-33s-18w-Comanche-Ks

GR 2067.00 ft

FORMATION: Viola

INTERVAL : 5816.00 To 5861.00 ft

TD 5861.00 ft

TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13754	13754	2341			PF Fr. 1255 to 1325 hr
SI 60 Range(Psi)	4000.0	4000.0	4995.0	0.0	0.0	IS Fr. 1325 to 1425 hr
SF 30 Clock(hrs)	12	12	elect			SF Fr. 1425 to 1455 hr
FS 60 Depth(ft)	5858.0	5858.0	5818.0	0.0	0.0	FS Fr. 1455 to 1555 hr

	Field	1	2	3	4	
A. Init Hydro	2949.0	2956.0	2881.0	0.0	0.0	T STARTED 1024 hr
B. First Flow	49.0	59.0	45.0	0.0	0.0	T ON BOTM 1253 hr
B1. Final Flow	49.0	55.0	35.0	0.0	0.0	T OPEN 1255 hr
C. In Shut-in	1156.0	1057.0	1060.0	0.0	0.0	T PULLED 1555 hr
D. Init Flow	49.0	52.0	27.0	0.0	0.0	T OUT 1815 hr
E. Final Flow	49.0	58.0	38.0	0.0	0.0	
F. Fl Shut-in	936.0	926.0	921.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2867.0	2873.0	2819.0	0.0	0.0	Tool Wt. 1500.00 lbs
Inside/Outside	O	O	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 85000.00 lbs
						Initial Str Wt 78000.00 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 240.00 ft
						D.P. Length 5565.00 ft

RECOVERY

Tot Fluid 90.00 ft of 90.00 ft in DC and 0.00 ft in DP
 90.00 ft of Gassy mud 10% gas 90% 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
 0.00 ft of

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

BLOW DESCRIPTION

Initial Flow:

Strong-bottom of bucket in 45 sec.

Final Flow:

Strong-bottom of bucket in 15 sec

MUD DATA-----

Mud Type Chemical
 Weight 9.00 lb/cf
 Vis. 48.00 S/L
 W.L. 8.80 in3
 F.C. 0.00 in
 Mud Drop N

Amt. of fill 0.00 ft
 Btm. H. Temp. 128.00 F
 Hole Condition Good
 % Porosity 0.00
 Packer Size 6.75 in
 No. of Packers 2
 Cushion Amt. 0.00
 Cushion Type
 Reversed Out N
 Tool Chased N
 Tester Dan Bangle
 Co. Rep. Tom Robinson
 Contr. Pickrell
 Rig # 1
 Unit #
 Pump T.

SAMPLES: IF

SENT TO:

Test Successful: Y

GAS RECOVERY

COMPANY: Daystar Petro, Inc.

DATE: 5-19-99

WELL NAME: Lousch B-1

KB Elev: 2072.00 ft TICKET #11665 DST #5

WELL LOCATION: 6-33s-18w-Comanche-Ks

GR Elev: 2067.00 ft FORMATION: Viola

INTERVAL Fr.: 5816.00 To 5861.00 T.D.: 5861.00 ft TEST TYPE: CONV

GAS RECOVERY MEASURED WITH Merla

***** GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
10	0.75	0	60	110000.0
15	0.75	0	40	89800.0
20	0.75	0	24	69500.0
25	0.75	0	18	60200.0
30	0.75	0	18	60200.0

***** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
0	0.75	0	70	119000.0
5	0.75	0	18	60200.0
10	0.75	0	6	34700.0
15	0.75	0	4	28300.0
20	0.75	0	4	28300.0
25	0.75	0	4	28300.0
30	0.75	0	4	28300.0

*** TOOL DIAGRAM *** CONV

WELL NAME: Lousch B-1

LOCATION : 6-33s-18w-Comanche-Ks

TICKET No. 11665 D.S.T. No. 5 DATE 5-19-99

TOTAL TOOL TO BOTTOM OF TOP PACKERS 31

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 45

TOTAL TOOL 76

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 76

D.C. ABOVE TOOLS.Stands4 Single Total

D.P. ABOVE TOOLS.Stands90 Single 1 Total 5565

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5881

TOTAL DEPTH 5861

TOTAL DRILL PIPE ABOVE K.B. 20

REMARKS:

SAMPLER

Gas 2.8 cu ft

Oil 0

Mud 0

Water0

Pressure 1000#

Total 4000

GTS in 10 min on IF-Sample taken

P.O. SUB	5665
C.O. SUB	5785
S.I. TOOL	5791
Sampler @ 5794	5794
HMV	5799
JARS	5804
SAFETY JOINT	5807
PACKER	5811
PACKER	5816
DEPTH 5816	
STUBB 1'	5817
ANCHOR	
5' Perfs	5822
Alpine @ 5818	
5' Perfs	5827
5' Perfs	5832
5' Perfs	5837
5' Perfs	5842
T.C.	
DEPTH	
5' Perfs	5847
4' Perfs	5851
3' Perfs	5854
2' Perfs	5856
AK-1 @ 5858	
BULLNOSE 5'	5861
T.D.	5861

TEST HISTORY

Tk# 11665 DST# 5 Lousch B-1 Daystar Petro, Inc

Flag Points
t(Min.) P(PSig)

A: 0.00 2880.91
B: 0.00 45.29
C: 26.00 34.71
D: 59.00 1059.77
E: 0.00 26.77
F: 28.00 37.53
G: 62.00 921.12
Q: 0.00 2819.11

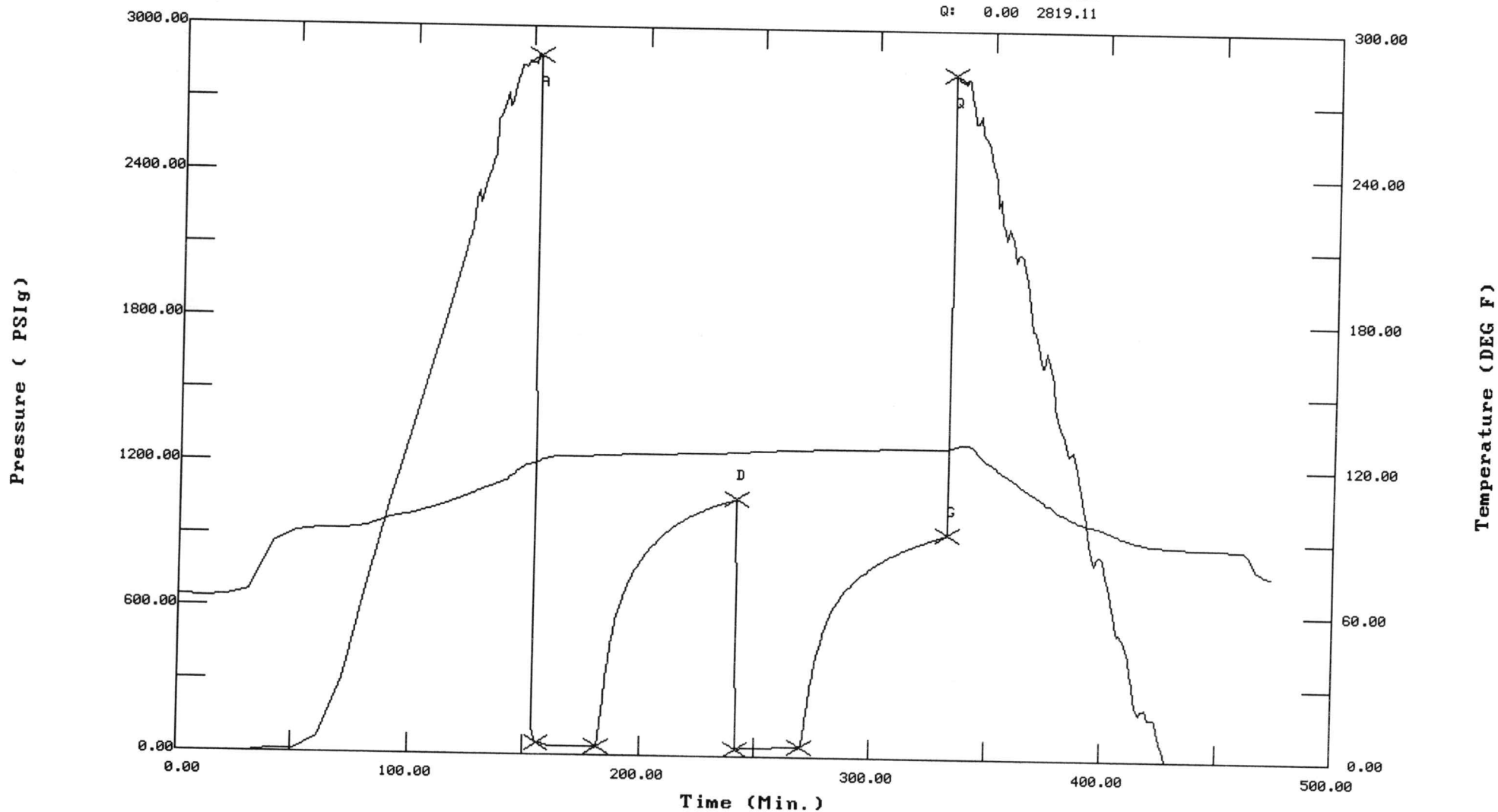
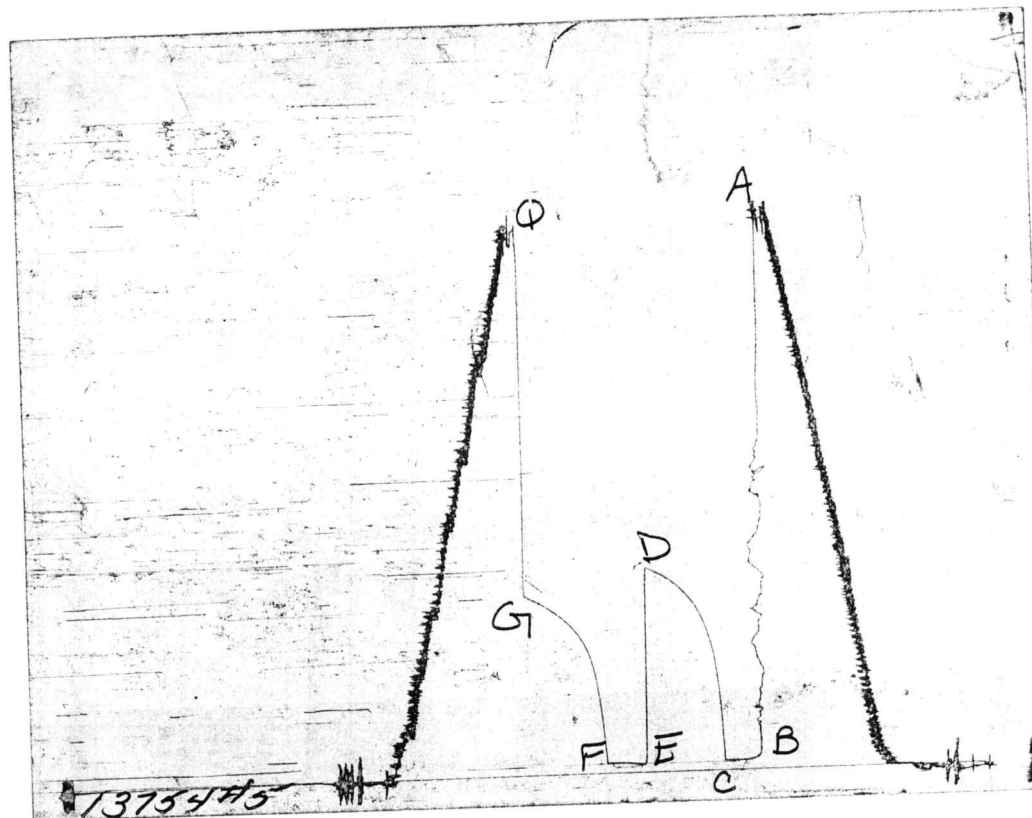


CHART PAGE



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

TRILOBITE TESTING L.L.C.

OPERATOR : Daystar Petro, Co.

DATE 5-19-99

WELL NAME: Lousch B-1

KB 2072.00 ft

TICKET NO: 11666 DST #6

LOCATION : 6-33s-18w-Comanche-Ks

GR 2067.00 ft

FORMATION: Viola (middle)

INTERVAL : 5864.00 To 5935.00 ft

TD 5935.00 ft

TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 15 Rec.	13754	13754	2341			PF Fr. 1645 to 1700 hr
SI 30 Range(Psi)	4000.0	4000.0	4995.0	0.0	0.0	IS Fr. 1700 to 1730 hr
SF 20 Clock(hrs)	12	12	elect			SF Fr. 1730 to 1750 hr
FS 45 Depth(ft)	5932.0	5932.0	5871.0	0.0	0.0	FS Fr. 1750 to 1835 hr

	Field	1	2	3	4	
A. Init Hydro	2969.0	2928.0	2934.0	0.0	0.0	T STARTED 1409 hr
B. First Flow	78.0	73.0	34.0	0.0	0.0	T ON BOTM 1643 hr
B1. Final Flow	78.0	73.0	38.0	0.0	0.0	T OPEN 1645 hr
C. In Shut-in	98.0	87.0	63.0	0.0	0.0	T PULLED 1835 hr
D. Init Flow	78.0	80.0	43.0	0.0	0.0	T OUT 2100 hr
E. Final Flow	78.0	80.0	45.0	0.0	0.0	
F. Fl Shut-in	98.0	92.0	63.0	0.0	0.0	
G. Final Hydro	2898.0	2902.0	2857.0	0.0	0.0	
Inside/Outside	O	O	I			

RECOVERY

Tot Fluid 60.00 ft of 60.00 ft in DC and 0.00 ft in DP
 60.00 ft of Drilling mud
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of

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

TOOL DATA-----
 Tool Wt. 1500.00 lbs
 Wt Set On Packer 20000.00 lbs
 Wt Pulled Loose 100000.00 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 240.00 ft
 D.P. Length 5626.00 ft

BLOW DESCRIPTION

Initial Flow:

Weak steady 1/8" blow

Final Flow:

No blow

MUD DATA-----

Mud Type	Chemical
Weight	9.10 lb/cf
Vis.	48.00 S/L
W.L.	11.20 in3
F.C.	0.00 in

Mud Drop N

Amt. of fill	0.00 ft
Btm. H. Temp.	121.00 F
Hole Condition	Good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00

Cushion Type

Reversed Out N

Tool Chased N

Tester Dan Bangle

Co. Rep. Tom Robinson

Contr. Pickrell

Rig # 1

Unit #

Pump T.

SAMPLES:

SENT TO:

Test Successful: Y

*** TOOL DIAGRAM *** CONV

WELL NAME: Lousch B-1

LOCATION : 6-33s-18w-Comanche-Ks

TICKET No. 11666 D.S.T. No. 6 DATE 5-19-99

TOTAL TOOL TO BOTTOM OF TOP PACKERS 28

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 40

TOTAL TOOL 68

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

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

TOTAL ASSEMBLY 99

D.C. ABOVE TOOLS.Stands4 Single Total 240

D.P. ABOVE TOOLS.Stands92 Single Total 5626

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5965

TOTAL DEPTH 5935

TOTAL DRILL PIPE ABOVE K.B. 30

REMARKS:

	P.O. SUB	5716
	C.O. SUB	5836
	S.I. TOOL	5842
	HMV	5847
	JARS	5852
	SAFETY JOINT	5855
	PACKER	5859
	PACKER	5864
	DEPTH 5864	
	STUBB 1'	5865
	ANCHOR 5' Perfs	5870
	Alpine @	5871
	1' co sub	5871
	1 jt dp 31'	5902
	1' co sub	5903
	5' Perfs	5908
	5' Perfs	5913
	T.C.	
	DEPTH	
	5' Perfs	5918
	5' Perfs	5923
	5' Perfs	5928
	2' Perfs	5930
	BULLNOSE 5'	5935
	T.D.	5935

TEST HISTORY

Tk# 11666 DST# 6 Lousch B-1 Daystar Petro, Inc.

Flag Points
t(Min.) P(PSIg)

A: 0.00 2933.51
B: 0.00 33.78
C: 15.00 38.21
D: 30.00 63.12
E: 0.00 42.85
F: 22.00 44.58
G: 45.00 62.58
Q: 0.00 2857.31

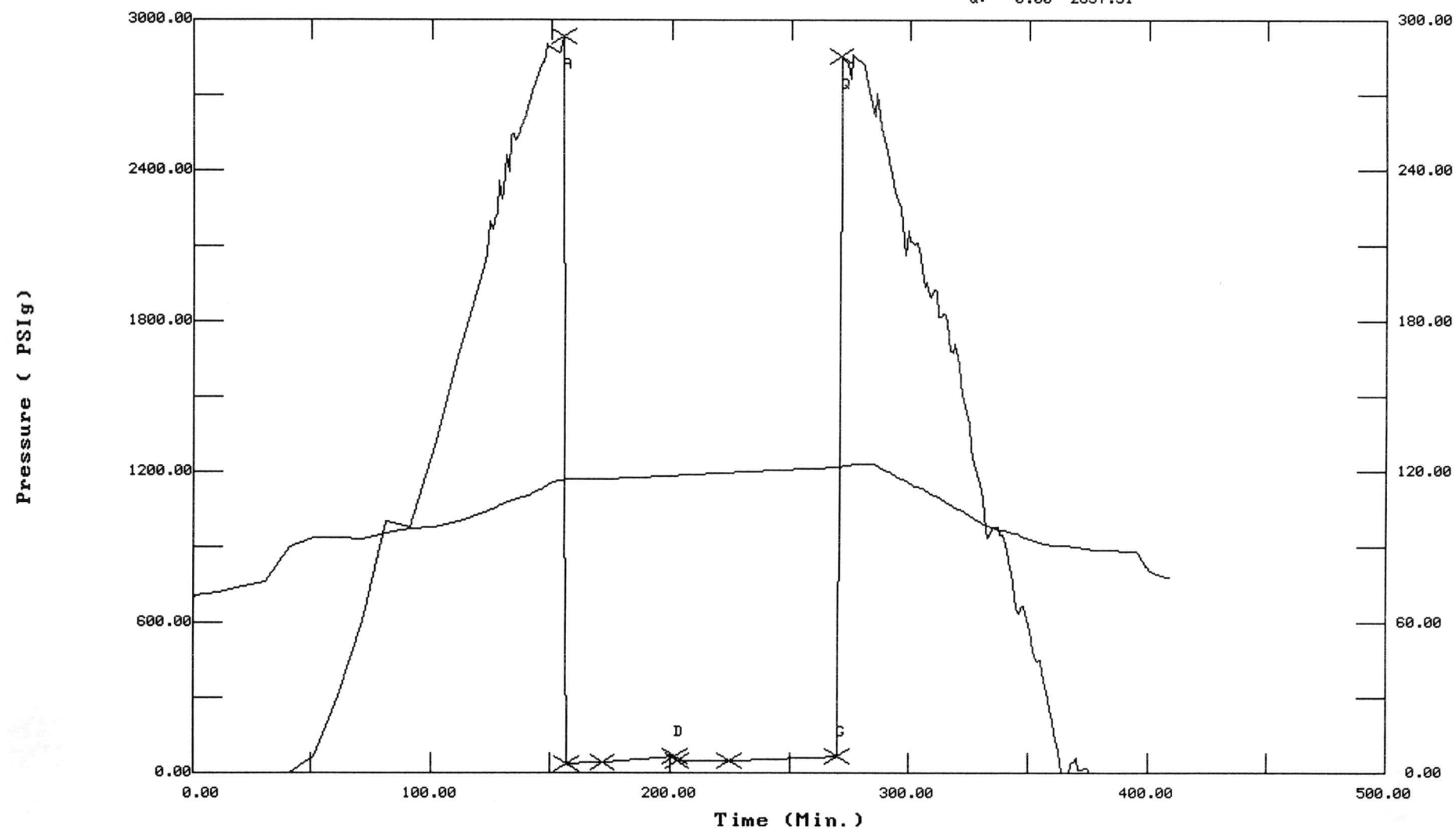
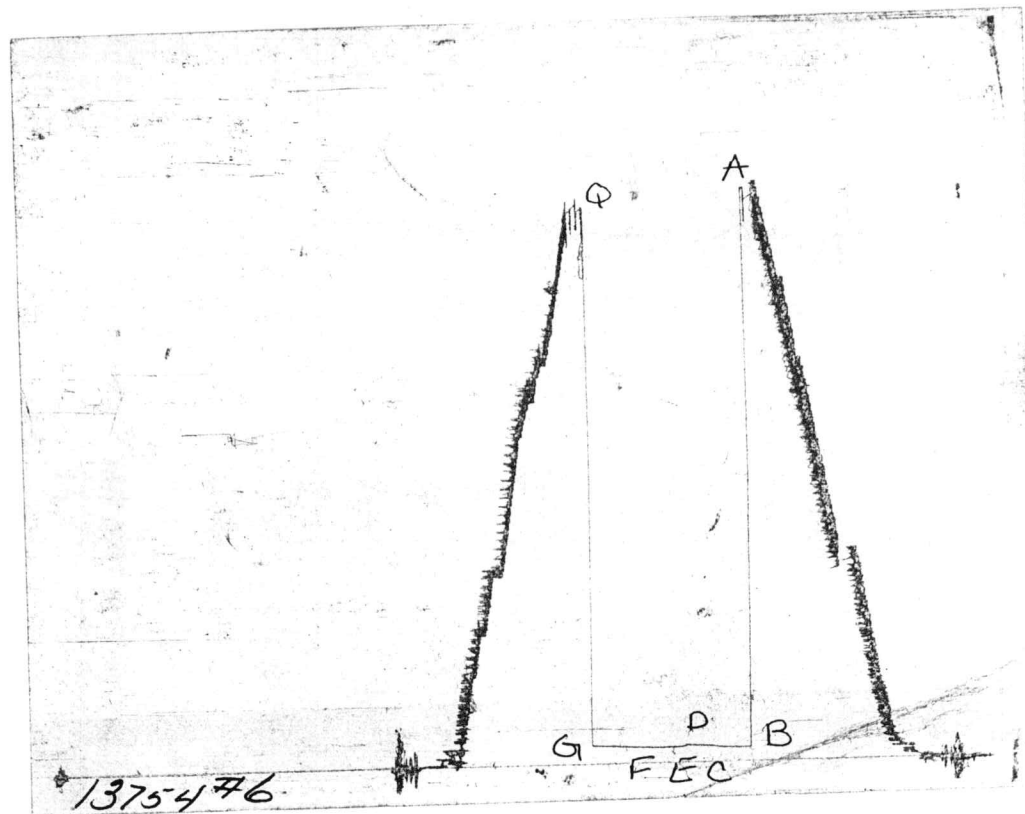


CHART PAGE



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