

WELL NAME: Gant/Larson #1
COMPANY: McGinness Oil Co. of Kansas
LOCATION: 8-32s-13w
Barber County, Kansas
DATE: 9/22/98

TRILOBITE TESTING L.L.C.

OPERATOR : McGinness Oil,co.of Ks.
 WELL NAME: Gant/Larson #1
 LOCATION : 8-32s-13w Barber co. KS
 INTERVAL : 3966.00 To 3980.00 ft

DATE 09/16/199

KB 0.00 ft TICKET NO: 11851 DST #1
 GR 1692.00 ft FORMATION: Lansing "C"
 TD 3980.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	10332	10332	2357			PF Fr. 2253 to 2323 hr
SI 45	Range(Psi)	4025.0	4025.0	4995.0	0.0	0.0	IS Fr. 2323 to 0008 hr
SF 45	Clock(hrs)	12hr.	12hr.	elec.			SF Fr. 0008 to 0153 hr
FS 60	Depth(ft)	3977.0	3977.0	3972.0	0.0	0.0	FS Fr. 0153 to 0253 hr

	Field	1	2	3	4	
A. Init Hydro	1987.0	1994.0	1942.0	0.0	0.0	T STARTED 2038 hr
B. First Flow	30.0	36.0	17.0	0.0	0.0	T ON BOTM 2250 hr
B1. Final Flow	30.0	36.0	18.0	0.0	0.0	T OPEN 2253 hr
C. In Shut-in	892.0	904.0	906.0	0.0	0.0	T PULLED 0253 hr
D. Init Flow	41.0	45.0	25.0	0.0	0.0	T OUT 0430 hr
E. Final Flow	51.0	51.0	30.0	0.0	0.0	
F. Fl Shut-in	892.0	904.0	901.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1906.0	1903.0	1885.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	0	o	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 50000.00 lbs
						Initial Str Wt 43000.00 lbs
						Unseated Str Wt 43000.00 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 3959.00 ft

RECOVERY

Tot Fluid 40.00 ft of 0.00 ft in DC and 40.00 ft in DP
 40.00 ft of Slight out cut muddy water
 0.00 ft of 20% oil 10% water 70% mud
 1100.00 ft of Gas in pipe
 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 blow bottom of bucket
 in 2 1/2 mins.
 Initial Shut-in:
 Bled down for 10 mins no blow back
 Final Flow:
 Strong blow bottom of bucket in
 2 mins.
 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. 46.00 S/L
 W.L. 19.10 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 Amerine
 Co. Rep. Doug McGinness
 Contr. Duke
 Rig # 4
 Unit # none
 Pump T. no

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Gant/Larson #1

LOCATION : Sec.8 Twp.32s Rge.13w

TICKET No. 11851 D.S.T. No. 1 DATE 09/16/199

TOTAL TOOL TO BOTTOM OF TOP PACKERS 22

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 14

TOTAL TOOL 36

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

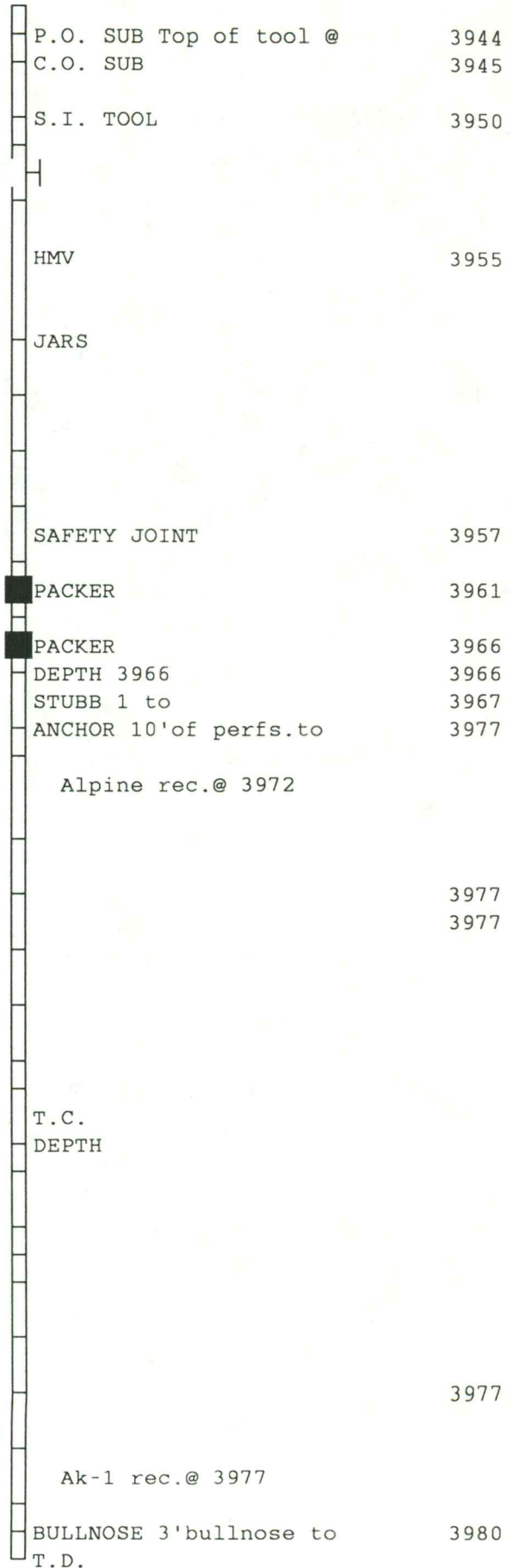
P. ABOVE TOOLS.Stands 63 Single 1 Total 3959

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 3995

TOTAL DEPTH 3980

TOTAL DRILL PIPE ABOVE K.B. 15

REMARKS:



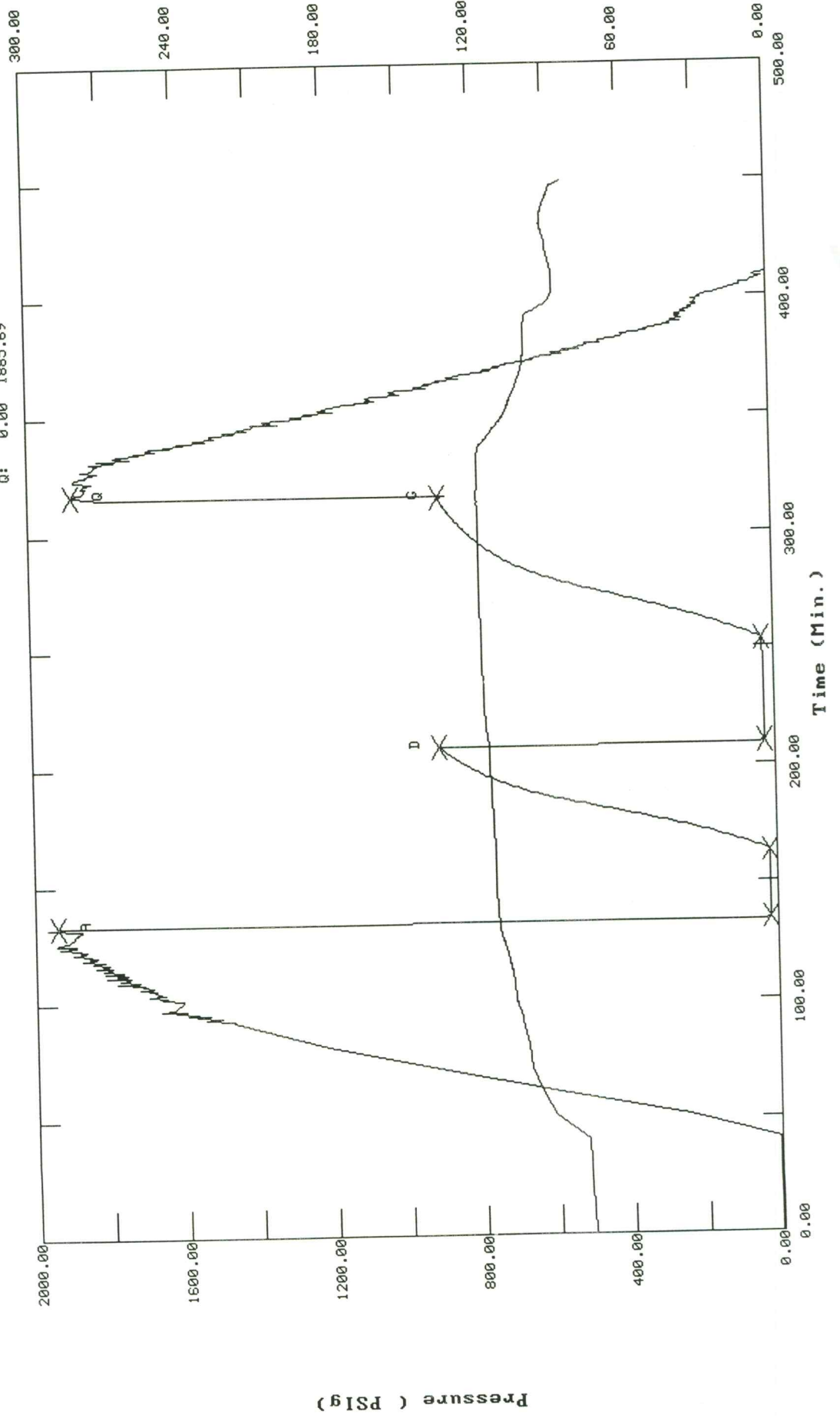
TEST HISTORY

Yk#11851 DST#1 Gant/Larson #1 McGinness Oil, Co. of Ks.

Flag Points

t (Min.) P (PSig)

A:	0.00	1942.21
B:	0.00	17.15
C:	28.50	18.43
D:	45.50	906.14
E:	0.00	25.10
F:	44.00	30.04
G:	61.50	901.47
Q:	0.00	1885.69



TRILOBITE TESTING L.L.C.

OPERATOR : McGinness oil,co.of Ks.
 WELL NAME: Gant/Larson #1
 LOCATION : 8 -32s-13w Barber co. KS
 INTERVAL : 4106.00 To 4121.00 ft

DATE 09/17/199
 KB 1701.00 ft TICKET NO: 11852 DST #2
 GR 1692.00 ft FORMATION: Drum
 TD 4121.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	10332	10332	2357			PF Fr. 1854 to 1924 hr
SI 30	Range(Psi)	4025.0	4025.0	4995.0	0.0	0.0	IS Fr. 1927 to 1957 hr
SF 30	Clock(hrs)	12hr.	12hr.	elec.			SF Fr. 1957 to 2027 hr
FS 30	Depth(ft)	4118.0	4118.0	4112.0	0.0	0.0	FS Fr. 2027 to 2057 hr

	Field	1	2	3	4	
A. Init Hydro	2038.0	2043.0	2009.0	0.0	0.0	T STARTED 1623 hr
B. First Flow	51.0	60.0	23.0	0.0	0.0	T ON BOTM 1851 hr
B1. Final Flow	71.0	74.0	60.0	0.0	0.0	T OPEN 1854 hr
C. In Shut-in	1044.0	1024.0	1028.0	0.0	0.0	T PULLED 2057 hr
D. Init Flow	91.0	99.0	70.0	0.0	0.0	T OUT 2245 hr
E. Final Flow	122.0	119.0	98.0	0.0	0.0	
F. Fl Shut-in	994.0	1003.0	1002.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2038.0	2043042.0	2036.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	0	o	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 50000.00 lbs
						Initial Str Wt 46000.00 lbs
						Unseated Str Wt 48000.00 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 4114.00 ft

RECOVERY

Tot Fluid 180.00 ft of 0.00 ft in DC and 180.00 ft in DP
 60.00 ft of Slight Gas Cut Muddy Water
 0.00 ft of 6% gas 44% water 50% mud
 120.00 ft of Salt Water 98% water 2% mud
 0.00 ft of Trace of gas in pipe
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 SALINITY 110000.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA-----
 Mud Type Chemical
 Weight 9.10 lb/cf
 Vis. 49.00 S/L
 W.L. 10.00 in3
 F.C. 0.32 in
 Mud Drop N

BLOW DESCRIPTION

Initial Flow:
 Strong blow - bottom of bucket
 in 1 minute

Initial Shutin:
 Bled down for 10 minutes
 no blow back

Final Flow:
 Fair blow - bottom of bucket in
 15 minutes

Final Shutin:
 Bled down for 10 min. no blow back

SAMPLES:
 SENT TO:

Amt. of fill 0.00 ft
 Btm. H. Temp. 125.00 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 Amerine
 Co. Rep. Doug McGinness
 Contr. Duke
 Rig # 4
 Unit # no
 Pump T. none

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Gant/Larson #1

LOCATION : Sec.8 Twp.32s Rge.13w

TICKET No. 11852 D.S.T. No. 2 DATE 09/17/199

TOTAL TOOL TO BOTTOM OF TOP PACKERS 22

INTERVAL TOOL

TOTAL PACKERS AND ANCHOR 15

TOTAL TOOL 37

DRILL COLLAR ANCHOR IN INTERVAL

C. ANCHOR STANDS Single Total

P. ANCHOR STANDS Single Total

TOTAL ASSEMBLY

C. ABOVE TOOLS STANDS Single Total

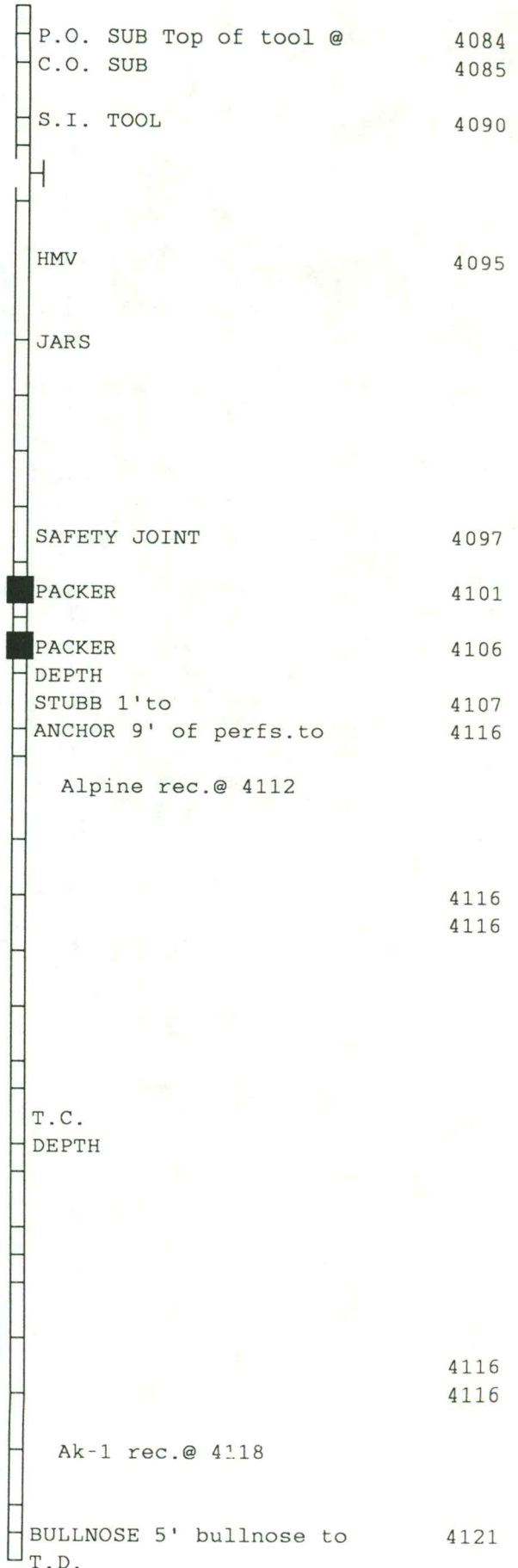
P. ABOVE TOOLS STANDS 66 Single Total 4114

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4151

TOTAL DEPTH 4121

TOTAL DRILL PIPE ABOVE K.B. 30

REMARKS:



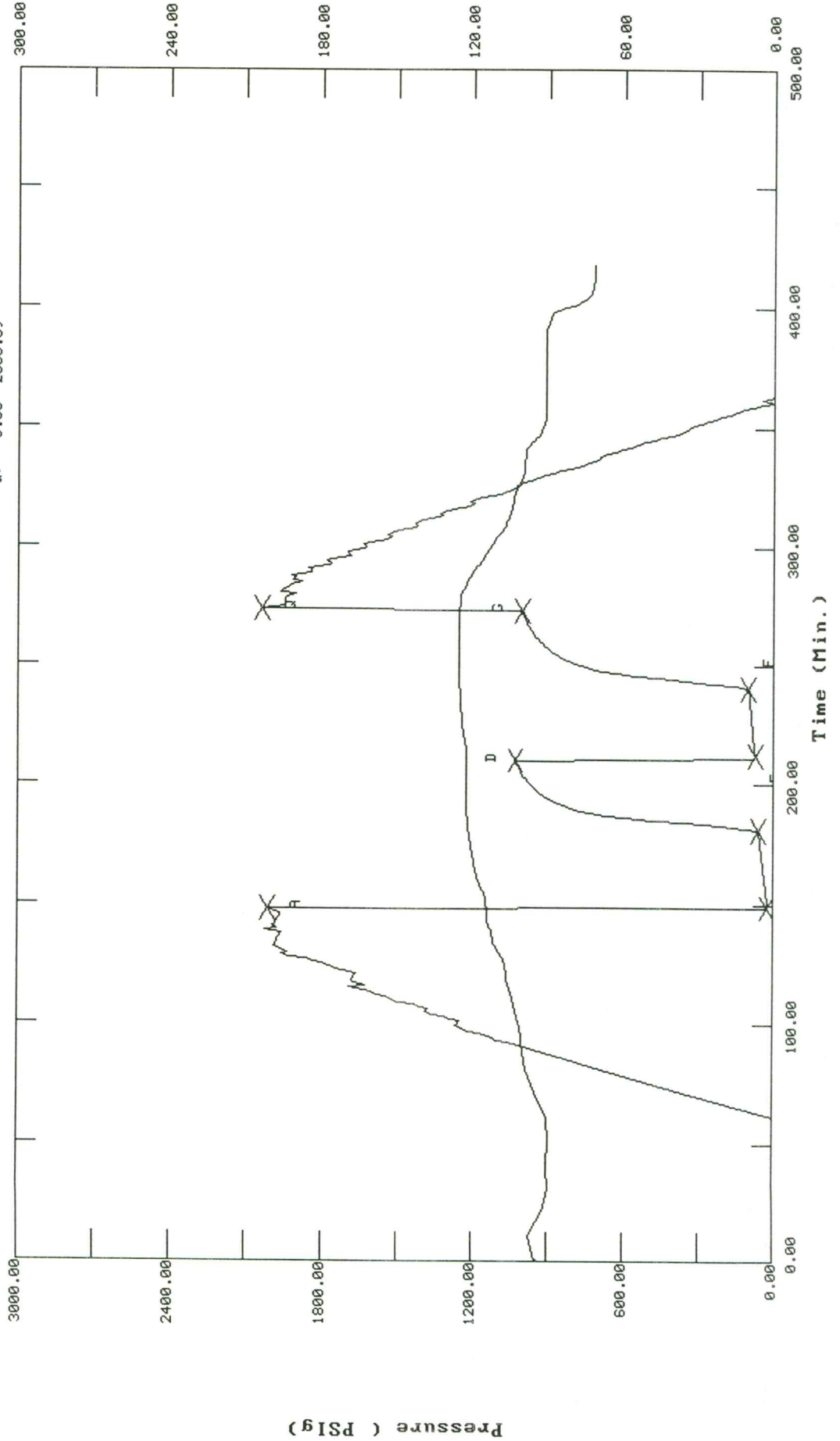
TEST HISTORY

Tk#11852 DST#2 Gant/Larson#1 McGinness Oil, Co. of Ks.

Flag Points

t (Min.) P (PSig)

A:	0.00	2009.24
B:	0.00	23.18
C:	32.00	60.45
D:	29.00	1028.00
E:	0.00	69.78
F:	29.00	97.78
G:	32.00	1001.93
Q:	0.00	2035.69



TRILOBITE TESTING L.L.C.

OPERATOR : McGinness Oil Co.

DATE 9-18-98

WELL NAME: Gant Larson #1

KB 1702.00 ft TICKET NO: 10692 DST #3

LOCATION : 8-32s-13w Barber co. KS

GR 1692.00 ft FORMATION: Mississippi

INTERVAL : 4370.00 To 4400.00 ft

TD 4400.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	10333	10333	3026			PF Fr. 0010 to 0050 hr
SI 60 Range (Psi)	4050.0	4050.0	4995.0	0.0	0.0	IS Fr. 0050 to 0150 hr
SF 45 Clock (hrs)	12hr	12hr	elect			SF Fr. 0150 to 0235 hr
FS 90 Depth(ft)	4400.0	4400.0	4380.0	0.0	0.0	FS Fr. 0235 to 0405 hr

	Field	1	2	3	4	
A. Init Hydro	2143.0	2194.0	2133.0	0.0	0.0	T STARTED 2220 hr
B. First Flow	81.0	91.0	46.0	0.0	0.0	T ON BOTM 0009 hr
B1. Final Flow	91.0	89.0	43.0	0.0	0.0	T OPEN 0010 hr
C. In Shut-in	1426.0	1407.0	1437.0	0.0	0.0	T PULLED 0405 hr
D. Init Flow	81.0	81.0	43.0	0.0	0.0	T OUT 0615 hr
E. Final Flow	71.0	69.0	34.0	0.0	0.0	
F. Fl Shut-in	1293.0	1279.0	1310.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2093.0	2111.0	2089.0	0.0	0.0	Tool Wt. 1500.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 24000.00 lbs
						Wt Pulled Loose 80000.00 lbs
						Initial Str Wt 46000.00 lbs
						Unseated Str Wt 48000.00 lbs
						Bot Choke 0.78 in
						Hole Size 7.78 in
						D Col. ID 2.25 in
						D. Pipe ID 3.38 in
						D.C. Length 0.00 ft
						D.P. Length 4365.00 ft

RECOVERY

Tot Fluid 50.00 ft of 0.00 ft in DC and 50.00 ft in DP
 50.00 ft of mud 100%
 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 blow bottom of bucket in
 30 secs. gas to surface in 29 mins.
 Gas will burn
 Initial Shut-in:
 No blow back
 Final Flow:
 Bottom of bucket as soon tool opened
 strong blow
 Final Shut-in:
 No blow back

SAMPLES: yes
 SENT TO: Caraway Analytical

Test Successful: Y

MUD DATA-----

Mud Type chemical
 Weight 9.10 lb/cf
 Vis. 43.00 S/L
 W.L. 19.20 in3
 F.C. 0.00 in
 Mud Drop Y 40.0 ft
 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
 Cushion Type
 Reversed Out N
 Tool Chased N
 Tester Scott Bugbee
 Co. Rep. Doug McGinness
 Contr. Duke
 Rig # 4
 Unit #
 Pump T.

GAS RECOVERY

COMPANY: McGinness Oil Co.

DATE: 9-18-98

WELL NAME: Gant Larson #1

KB Elev: 1702.00 ft TICKET #10692 DST #3

WELL LOCATION: 8-32s-13w Barber co. KS

GR Elev: 1692.00 ft FORMATION: Mississippi

INTERVAL Fr.: 4370.00 To 4400.00 T.D.: 4400.00 ft TEST TYPE: CONVENTIONAL

AS RECOVERY MEASURED WITH merla

**** GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
1	0.50	24	0	200000.0
5	0.50	20	0	177000.0
10	0.50	11	0	121000.0

**** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2C (in)	Rate (cf/d)
5	0.50	10	0	116000.0
10	0.50	9	0	108000.0
20	0.50	6	0	86300.0
25	0.50	4	0	68800.0
30	0.38	7	0	53200.0
35	0.38	7	0	53200.0
40	0.38	8	0	57300.0
45	0.38	8	0	57300.0

10692 DST #3 Gant Larson #1 McGinness Oil Co.

TEST HISTORY

Flag Points

	t (Min.)	P (PSig)
A:	0.00	2133.97
B:	0.00	46.09
C:	33.50	43.72
D:	61.75	1437.78
E:	0.00	43.14
F:	44.25	34.83
G:	89.75	1310.51
Q:	0.00	2089.43

