

Well Name:	WASSEMILLER #1			
Company :	PELICAN HILL OIL & GAS			
Location - Sec:	13	Twp:	11S	Rge: 34W
County:	LOGAN	State:	KS	
Date:	11/27/95			

TRILOBITE TESTING L.L.C.

OPERATOR : Pelican Hill Oil & Gas

DATE 11/24/95

WELL NAME: Wassemiller #1

KB 3168.00 ft

TICKET NO: 8486

DST #1

LOCATION : 13-11S-34W, Logan Cty KS

GR 3163.00 ft

FORMATION: LKC "A-B-C"

INTERVAL : 4092.00 To 4145.00 ft

TD 4145.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	11057	11057	11058			PF Fr. 1123 to 1153 hr
SI 30 Range(Psi)	4500.0	4500.0	4475.0	0.0	0.0	IS Fr. 1153 to 1223 hr
SF 30 Clock(hrs)	AK-1	AK-1	AK-1			SF Fr. 1223 to 1253 hr
FS 45 Depth(ft)	4094.0	4094.0	4142.0	0.0	0.0	FS Fr. 1253 to 1338 hr

	Field	1	2	3	4	
A. Init Hydro	2032.0	2034.0	0.0	0.0	0.0	T STARTED 0930 hr
B. First Flow	89.0	82.0	0.0	0.0	0.0	T ON BOTM 1120 hr
B1. Final Flow	257.0	261.0	0.0	0.0	0.0	T OPEN 1123 hr
C. In Shut-in	1141.0	1192.0	0.0	0.0	0.0	T PULLED 1338 hr
D. Init Flow	341.0	330.0	0.0	0.0	0.0	T OUT 1530 hr
E. Final Flow	409.0	410.0	0.0	0.0	0.0	
F. Fl Shut-in	1141.0	1196.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2004.0	1971.0	0.0	0.0	0.0	Tool Wt. 0.00 lbs
Inside/Outside	I	I	O			Wt Set On Packer 26000.00 lbs
						Wt Pulled Loose 70000.00 lbs
						Initial Str Wt 43000.00 lbs
						Unseated Str Wt 46000.00 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 3486.00 ft
						H.W. I.D 2.70 in
						H.W. Length 600.00 ft

RECOVERY

Tot Fluid 1170.00 ft of 0.00 ft in DC and 1170.00 ft in DP
170.00 ft of Mud cut water w/ scum of oil -

50% water, 50% mud

1000.00 ft of Salt water w/ scum of oil - 100% water

RW .19 @ 68 F

SALINITY 38500.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow -

Bottom of bucket in 10 min

Initial Shutin -

Bled blow, no return

Final Flow -

.25" blow built to bottom of bucket in
14 min

Final Shutin -

Bled blow, no return

SAMPLES:

SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	8.80 lb/cf
Vis.	43.00 S/L
W.L.	10.40 in3
F.C.	0.00 in
Mud Drop	

Amt. of fill 0.00 ft

Btm. H. Temp. 115.00 F

Hole Condition

% Porosity 0.00

Packer Size 6.75 in

No. of Packers 2

Cushion Amt. 0.00

Cushion Type

Reversed Out

Tool Chased

Tester Shane McBride

Co. Rep. Randy Killian

Contr. Abercrombie

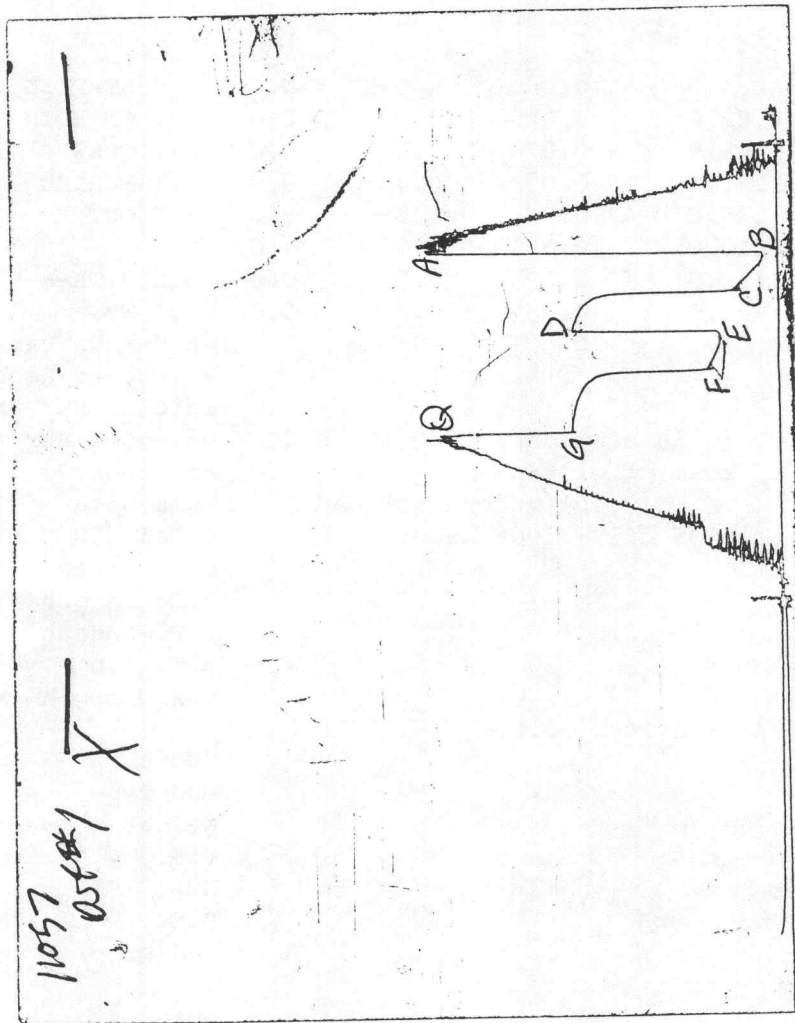
Rig # 8

Unit #

Pump T.

Test Successful: Y

CHART PAGE



This is an actual photograph of recorder chart

TRILOBITE TESTING L.L.C.

OPERATOR : Pelican Hill Oil & Gas

DATE 11/25/95

WELL NAME: Wassemiller #1

KB 3168.00 ft

TICKET NO: 8487

DST #2

LOCATION : 13-11S-34W, Logan Cty KS

GR 0.00 ft

FORMATION: LKC "H"

INTERVAL : 4218.00 To 4255.00 ft

TD 4255.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	11057	11057	11058			PF Fr. 0337 to 0407 hr
SI 30 Range(Psi)	4500.0	4500.0	4475.0	0.0	0.0	IS Fr. 0407 to 0437 hr
SF 45 Clock(hrs)	AK-1	AK-1	AK-1			SF Fr. 0437 to 0522 hr
FS 60 Depth(ft)	4246.0	4246.0	4220.0	0.0	0.0	FS Fr. 0522 to 0622 hr

	Field	1	2	3	4	
A. Init Hydro	2128.0	2132.0	0.0	0.0	0.0	T STARTED 0140 hr
B. First Flow	100.0	100.0	0.0	0.0	0.0	T ON BOTM 0335 hr
B1. Final Flow	168.0	164.0	0.0	0.0	0.0	T OPEN 0337 hr
C. In Shut-in	1197.0	1203.0	0.0	0.0	0.0	T PULLED 0622 hr
D. Init Flow	224.0	226.0	0.0	0.0	0.0	T OUT 0900 hr
E. Final Flow	325.0	325.0	0.0	0.0	0.0	
F. Fl Shut-in	1208.0	1211.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2117.0	2110.0	0.0	0.0	0.0	Tool Wt. 0.00 lbs
Inside/Outside	O	O	I			Wt Set On Packer 26000.00 lbs
						Wt Pulled Loose 50000.00 lbs
						Initial Str Wt 42000.00 lbs
						Unseated Str Wt 44000.00 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 3607.00 ft
						H.W. I.D 2.70 in
						H.W. Length 600.00 ft

RECOVERY

Tot Fluid 635.00 ft of 0.00 ft in DC and 635.00 ft in DP
 5.00 ft of Free oil - 100% oil
 150.00 ft of Mud cut water - trace oil, 60% water, 40% mud
 120.00 ft of Slightly mud cut water -
 trace oil, 85% water, 15% mud
 360.00 ft of Salt water- 100% water

RW .12 @ 68 F

SALINITY 69500.00 P.P.M. A.P.I. Gravity 29.00

BLOW DESCRIPTION

Initial Flow -

Bottom of bucket in 23 min, slow build

Initial Shutin -

Bled blow, no return

Final Flow -

Surface blow, built to 5"

Final Shutin -

Bled blow, no return

SAMPLES:

SENT TO:

MUD DATA-----

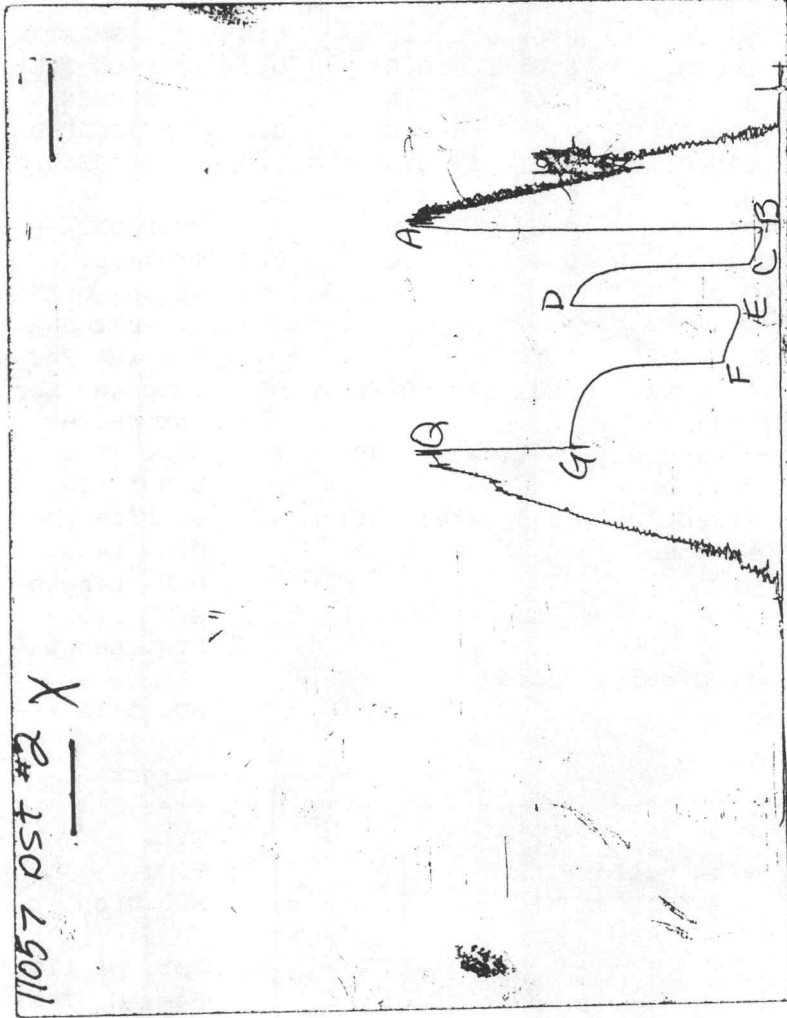
Mud Type	Chemical
Weight	9.20 lb/c
Vis.	45.00 S/L
W.L.	8.80 in3
F.C.	0.00 in
Mud Drop	

Amt. of fill	0.00 ft
Btm. H. Temp.	122.00 F
Hole Condition	
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	

Tester Shane McBride
 Co. Rep. Randy Killian
 Contr. Abercrombie
 Rig # 8
 Unit #
 Pump T.

Test Successful: Y

CHART PAGE



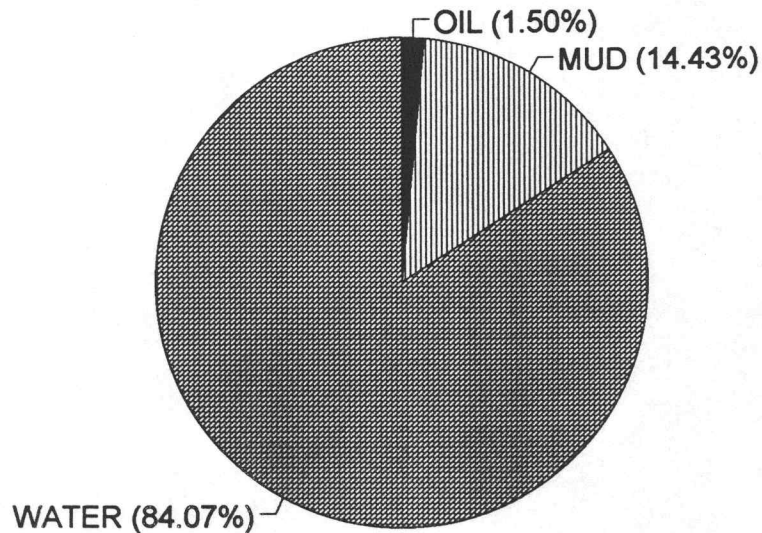
This is an actual photograph of recorder chart

CALCULATED RECOVERY ANALYSIS

DST # 2

TICKET # 8487

SAMPLE #	TOTAL FEET	GAS %	GAS FEET	OIL %	OIL FEET	WATER %	WATER FEET	MUD %	MUD FEET
DRILL PIPE 1	5		0	100	5		0		0
2	30		0		0	60	18	40	12
3			0		0		0		0
4			0		0		0		0
5			0		0		0		0
6			0		0		0		0
WEIGHT PIPE 1	120		0		0	60	72	40	48
2	120		0		0	85	102	15	18
3	360		0		0	100	360		0
4			0		0		0		0
DRL COLLAR 1			0		0		0		0
2			0		0		0		0
3			0		0		0		0
4			0		0		0		0
5			0		0		0		0
TOTAL	635	0	0	0.787402	5	86.92913	552	12.28346	78
HRS OPE BBL/DAY									
BBL OIL=	0.0711	*		1.25	1.36512				
BBL WATER=	3.99396	*			76.68403				
BBL MUD=	0.68544								
BBL GAS =	0								



TRILOBITE TESTING L.L.C.

OPERATOR : Pelican Hill Oil & Gas
WELL NAME: Wassemiller #1
LOCATION : 13-11S-34W, Logan Cty KS
INTERVAL : 4257.00 To 4314.00 ft

DATE 11/25/95
KB 3168.00 ft TICKET NO: 8488 DST #3
GR 3163.00 ft FORMATION: LKC "I-J"
TD 4314.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	11057	11057	11058			PF Fr. 1930 to 2000 hr
SI 30 Range(Psi)	4500.0	4500.0	4475.0	0.0	0.0	IS Fr. 2000 to 2030 hr
SF 30 Clock(hrs)	AK-1	AK-1	AK-1			SF Fr. 2030 to 2100 hr
FS 30 Depth(ft)	4273.0	4273.0	4259.0	0.0	0.0	FS Fr. 2100 to 2130 hr

	Field	1	2	3	4	
A. Init Hydro	2106.0	2106.0	0.0	0.0	0.0	T STARTED 1735 hr
B. First Flow	44.0	34.0	0.0	0.0	0.0	T ON BOTM 1925 hr
B1. Final Flow	28.0	22.0	0.0	0.0	0.0	T OPEN 1930 hr
C. In Shut-in	1214.0	1152.0	0.0	0.0	0.0	T PULLED 2130 hr
D. Init Flow	44.0	45.0	0.0	0.0	0.0	T OUT 2335 hr
E. Final Flow	33.0	34.0	0.0	0.0	0.0	
F. Fl Shut-in	1102.0	1096.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2083.0	2066.0	0.0	0.0	0.0	Tool Wt. 0.00 lbs
Inside/Outside	O	O	I			Wt Set On Packer 26000.00 lbs
						Wt Pulled Loose 50000.00 lbs
						Initial Str Wt 45000.00 lbs
						Unseated Str Wt 45000.00 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 3669.00 ft
						H.W. I.D 2.70 in
						H.W. Length 600.00 ft

RECOVERY

Tot Fluid 30.00 ft of 0.00 ft in DC and 30.00 ft in DP
30.00 ft of Drilling mud w/ trace oil - 100% mud

RW 1.9 @ 65 F

SALINITY 3100.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow -
Surface blow built to a weak .375"

Initial Shutin -
Bled blow, no return

Final Flow -
Bubble to open tool, very weak
surface blow in 10 min, blew rest of
opening

Final Shutin -
Bled blow, no return

SAMPLES:

SENT TO:

MUD DATA-----

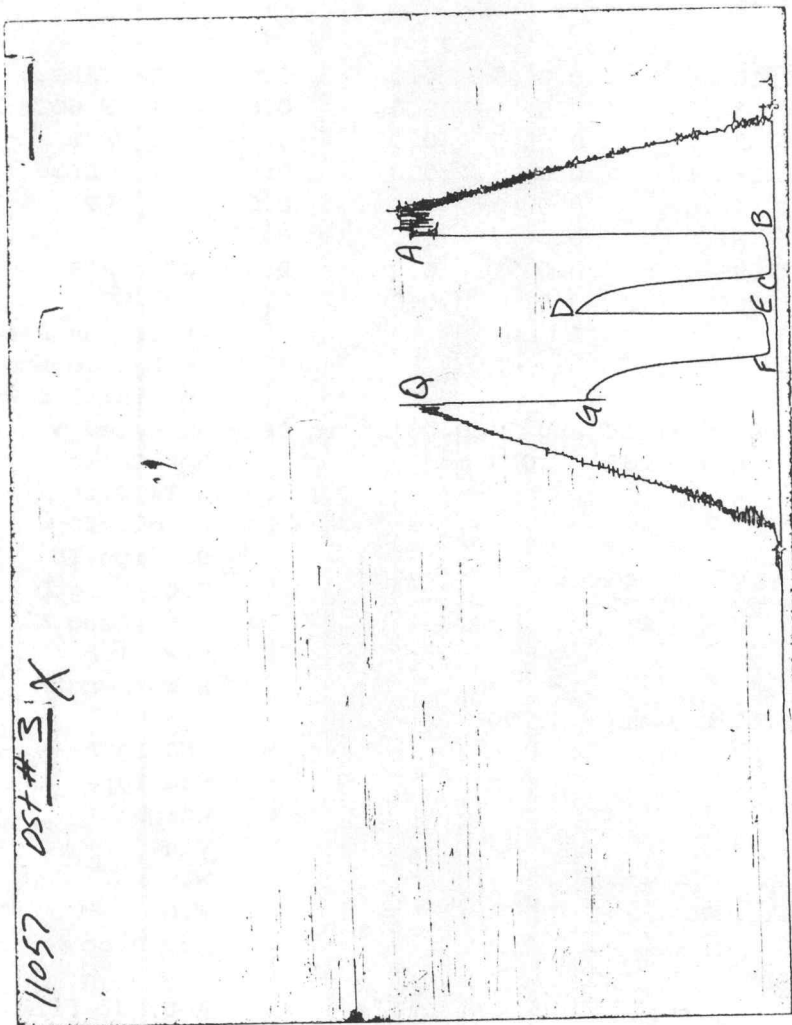
Mud Type	Chemical
Weight	9.10 lb/cf
Vis.	52.00 S/L
W.L.	10.40 in3
F.C.	0.00 in
Mud Drop	

Amt. of fill	0.00 ft
Btm. H. Temp.	111.00 F
Hole Condition	
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	

Tester	Shane McBride
Co. Rep.	Randy Killian
Contr.	Abercrombie
Rig #	8
Unit #	
Pump T.	

Test Successful: Y

CHART PAGE



This is an actual photograph of recorder chart

TRILOBITE TESTING L.L.C.

OPERATOR : Pelican Hill Oil & Gas

DATE 11/26/95

WELL NAME: Wassemiller #1

KB 3168.00 ft

TICKET NO: 8489

DST #4

LOCATION : 13-11S-34W, Logan Cty KS

GR 3163.00 ft

FORMATION: LKC "K"

INTERVAL : 4310.00 To 4340.00 ft

TD 4340.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	11057	11057	11058			PF Fr. 0808 to 0838 hr
SI 45 Range(Psi)	4500.0	4500.0	4475.0	0.0	0.0	IS Fr. 0838 to 0923 hr
SF 60 Clock(hrs)	AK-1	AK-1	AK-1			SF Fr. 0923 to 1023 hr
FS 75 Depth(ft)	4337.0	4337.0	4312.0	0.0	0.0	FS Fr. 1023 to 1138 hr

	Field	1	2	3	4	
A. Init Hydro	2188.0	2188.0	0.0	0.0	0.0	T STARTED 0650 hr
B. First Flow	177.0	184.0	0.0	0.0	0.0	T ON BOTM 0805 hr
B1. Final Flow	366.0	372.0	0.0	0.0	0.0	T OPEN 0808 hr
C. In Shut-in	1192.0	1188.0	0.0	0.0	0.0	T PULLED 1138 hr
D. Init Flow	466.0	468.0	0.0	0.0	0.0	T OUT hr
E. Final Flow	681.0	681.0	0.0	0.0	0.0	
F. Fl Shut-in	1220.0	1206.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2165.0	2128.0	0.0	0.0	0.0	Tool Wt. 0.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 26000.00 lbs
						Wt Pulled Loose 80000.00 lbs
						Initial Str Wt 45000.00 lbs
						Unseated Str Wt 66000.00 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 0.00 ft
						H.W. I.D 2.70 in
						H.W. Length 600.00 ft

RECOVERY

Tot Fluid 1931.00 ft of 0.00 ft in DC and 1931.00 ft in DP
 1571.00 ft of Clean gassy oil - 40% gas, 60% oil
 240.00 ft of Mud cut gassy oil - 10% gas, 60% oil, 30% mud
 60.00 ft of Gassy mud cut oil -
 25% gas, 10% oil, 25% water, 40% mud
 60.00 ft of Muddy water w/ trace oil - 60% water, 40% mud

RW .15 @ 70 F

SALINITY 48000.00 P.P.M. A.P.I. Gravity 36.50

BLOW DESCRIPTION

Initial Flow -
 Bottom of bucket in 1 min, strong blow
 Initial Shutin -
 Bled blow back to surface blow, built
 to bottom of bucket in 8 min

Final Flow -
 Bottom of bucket at open, strong blow;
 Gas to surface in 40 min, blow died
 back to 8", too small to measure
 Final Shutin -
 Bled blow, return in 2 min, .125" blow
 throughout

SAMPLES:

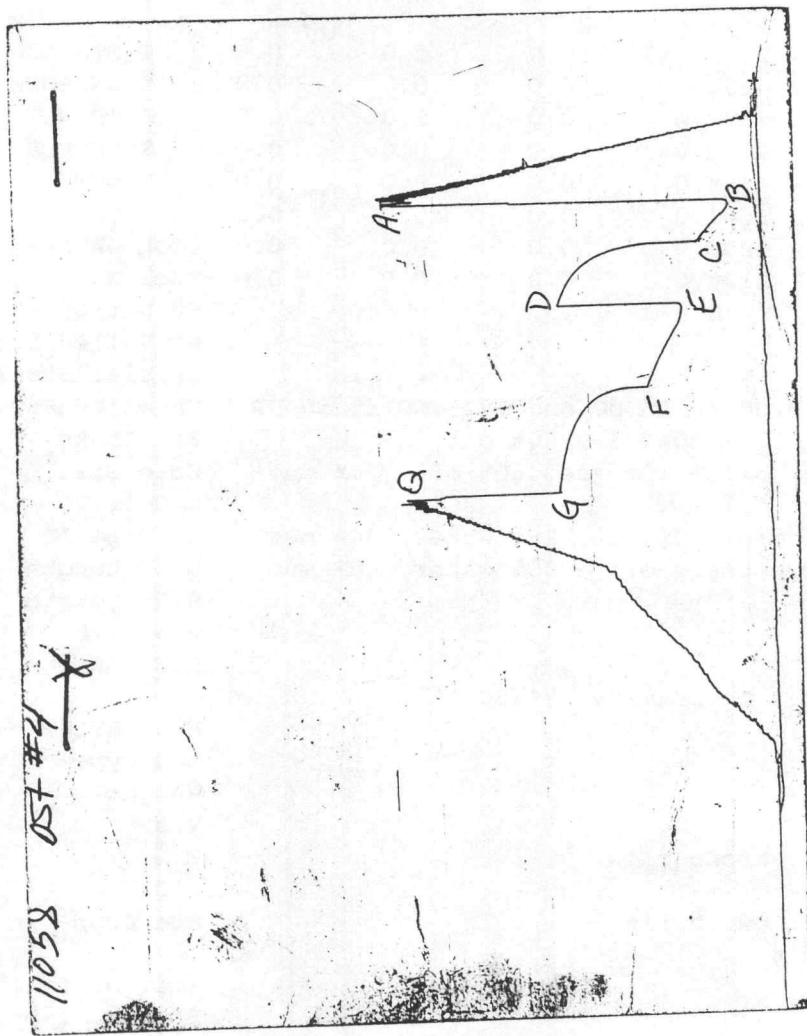
SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.20 lb/c
Vis.	52.00 S/L
W.L.	10.40 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	128.00 F
Hole Condition	
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Shane McBride
Co. Rep.	Randy Killian
Contr.	Abercrombie
Rig #	8
Unit #	
Pump T.	

Test Successful: Y

CHART PAGE



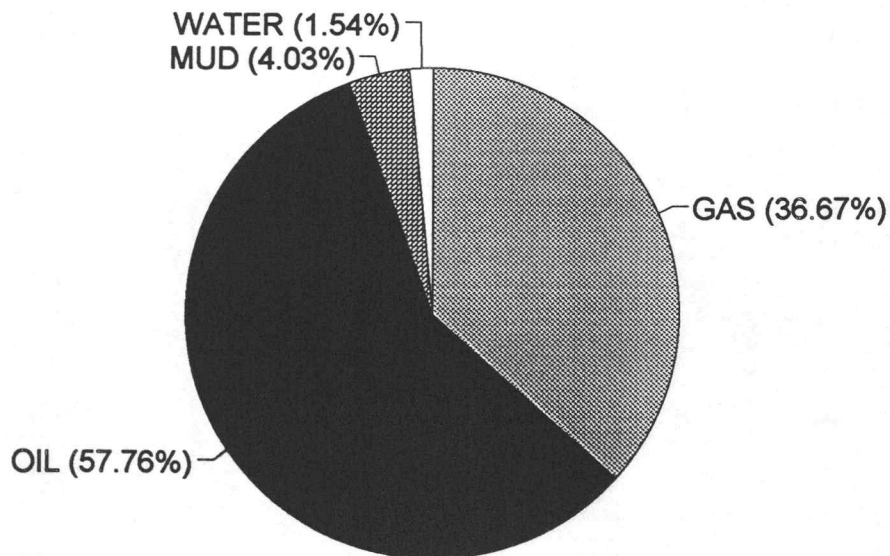
This is an actual photograph of recorder chart

CALCULATED RECOVERY ANALYSIS

DST # 4

TICKET # 8489

SAMPLE #	TOTAL FEET	GAS		OIL		WATER		MUD		
		%	FEET	%	FEET	%	FEET	%	FEET	
DRILL PIPE 1	1331	40	532.4	60	798.6		0		0	
2			0		0		0		0	
3			0		0		0		0	
4			0		0		0		0	
5			0		0		0		0	
6			0		0		0		0	
WEIGHT PIPE 1	240	40	96	60	144		0		0	
2	240	10	24	60	144		0	30	72	
3	60	25	15	10	6	25	15	40	24	
4	60		0		0	60	36	40	24	
DRL COLLAR 1			0		0		0		0	
2			0		0		0		0	
3			0		0		0		0	
4			0		0		0		0	
5			0		0		0		0	
TOTAL	1931	34.5624	667.4	56.58208	1092.6	2.641119	51	6.214397	120	
HRS OPE BBL/DAY										
BBL OIL=	13.41409	*		1.50	214.6255					
BBL WATER=	0.357	*			5.712					
BBL MUD=	0.936									
BBL GAS =	8.515728									



TRILOBITE TESTING L.L.C.

OPERATOR : Pelican Hill Oil & Gas

DATE 11/27/95

WELL NAME: Wassemilller #1

KB 3168.00 ft

TICKET NO: 8490

DST #5

LOCATION : 13-11S-34W, Logan Cty KS

GR 3163.00 ft

FORMATION: Johnson

INTERVAL : 4613.00 To 4680.00 ft

TD 4680.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 15 Rec.	11057	11057	11058			PF Fr. 1630 to 1645 hr
SI 15 Range(Psi)	4500.0	4500.0	4475.0	0.0	0.0	IS Fr. 1645 to 1700 hr
SF 15 Clock(hrs)	AK-1	AK-1	AK-1			SF Fr. 1700 to 1715 hr
FS 30 Depth(ft)	4639.0	4639.0	4615.0	0.0	0.0	FS Fr. 1715 to 1745 hr

	Field	1	2	3	4	
A. Init Hydro	2423.0	2423.0	0.0	0.0	0.0	T STARTED 1510 hr
B. First Flow	67.0	62.0	0.0	0.0	0.0	T ON BOTM 1625 hr
B1. Final Flow	44.0	47.0	0.0	0.0	0.0	T OPEN 1630 hr
C. In Shut-in	493.0	480.0	0.0	0.0	0.0	T PULLED 1745 hr
D. Init Flow	67.0	70.0	0.0	0.0	0.0	T OUT 1930 hr
E. Final Flow	44.0	50.0	0.0	0.0	0.0	
F. Fl Shut-in	738.0	732.0	0.0	0.0	0.0	
G. Final Hydro	2400.0	2355.0	0.0	0.0	0.0	
Inside/Outside	0	0	I			

RECOVERY

Tot Fluid 20.00 ft of 0.00 ft in DC and 20.00 ft in DP
20.00 ft of Drilling mud

TOOL DATA-----

Tool Wt.	0.00 lbs
Wt Set On Packer	26000.00 lbs
Wt Pulled Loose	62000.00 lbs
Initial Str Wt	52000.00 lbs
Unseated Str Wt	52000.00 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	4012.00 ft
H.W. I.D	2.70 in
H.W. Length	4012.00 ft

RW 1.6 @ 60 F

SALINITY 4100.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow -
Surface blow built to .75"

Final Flow -
Very weak surface blow

MUD DATA-----

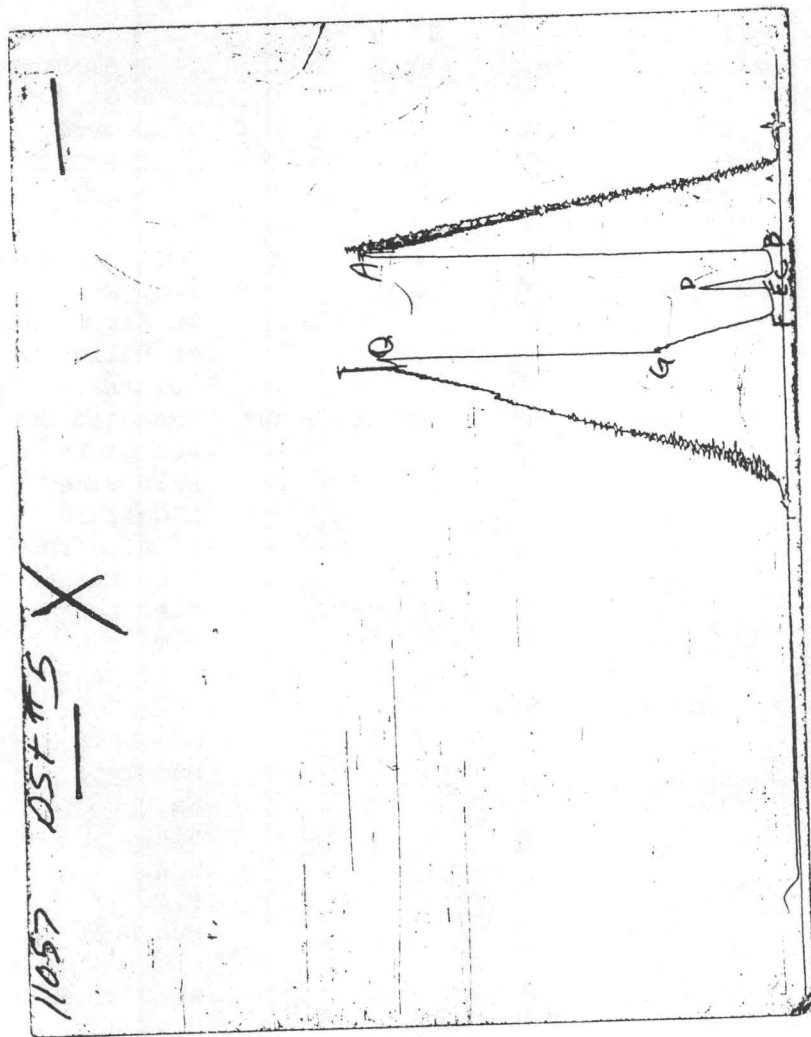
Mud Type	Chemical
Weight	9.40 lb/c
Vis.	51.00 S/L
W.L.	11.20 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	105.00 F
Hole Condition	
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Shane McBride
Co. Rep.	Randy Killian
Contr.	Abercrombie
Rig #	8
Unit #	
Pump T.	

SAMPLES:

SENT TO:

Test Successful: Y

CHART PAGE



This is an actual photograph of recorder chart