RCC

NOV 2 8

CONFIDENTIAL

WELL NAME: Sara #1-28 CONFIDENTIAL x tia

COMPANY: Berexco Inc

LOCATION: 28-30S-34W
Haskell County Kansas

DATE: 08/18/97

15-081-21142

RELEASED

JAN 2 9 1999

FROM CONFIDENTIAL

TRILOBITE TESTING L.L.C.

OPERATOR : Berexco Inc DATE 8/11/97
WELL NAME: Sara #1-28 KB 2911.00 ft TICKET NO: 9975 DST #1
LOCATION : 28-30S-34W Haskell Co KS GR 2901.00 ft FORMATION: Chester
INTERVAL : 5481.00 To 5516.00 ft TD 5516.00 ft TEST TYPE: CONV

RECORDER DATA

Mins		Field	1	2	3	4
PF 15	Rec.	11058	11058	11057		
SI 30	Range(Psi)	4475.0	4475.0	4500.0	0.0	0.0
SF 60	Clock(hrs)	12 hr	12 hr	12 hr		
FS 120	Depth(ft)	5511.0	5511.0	5486.0	0.0	0.0

TIME DATA----------
PF Fr. 0130 to 0145 hr
IS Fr. 0145 to 0215 hr
SF Fr. 0215 to 0315 hr
FS Fr. 0315 to 0515 hr

	Field	1	2	3	4
A. Init Hydro	2905.0	2891.0	0.0	0.0	0.0
B. First Flow	77.0	87.0	0.0	0.0	0.0
B1. Final Flow	88.0	90.0	0.0	0.0	0.0
C. In Shut-in	1543.0	1542.0	0.0	0.0	0.0
D. Init Flow	133.0	132.0	0.0	0.0	0.0
E. Final Flow	200.0	192.0	0.0	0.0	0.0
F. Fl Shut-in	1565.0	1570.0	0.0	0.0	0.0
G. Final Hydro	2872.0	2871.0	0.0	0.0	0.0
Inside/Outside	O	O	I		

T STARTED 2140 hr
T ON BOTM 0125 hr
T OPEN 0130 hr
T PULLED 0515 hr
T OUT 0815 hr

RECOVERY
Tot Fluid 270.00 ft of 0.00 ft in DC and 0.00 ft in DP
70.00 ft of Slightly watery mud 25%water 75%mud
0.00 ft of
200.00 ft of Slight mud cut water 85%water 15%mud
0.00 ft of
0.00 ft of
0.00 ft of
00 ft of
0.00 ft of
SALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

TOOL DATA----------

Tool Wt.	4000.00 lbs
Wt Set On Packer	26000.00 lbs
Wt Pulled Loose	126000.00 lbs
Initial Str Wt	90000.00 lbs
Unseated Str Wt	91000.00 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	620.00 ft
D.P. Length	4850.00 ft

BLOW DESCRIPTION
Initial Flow:
Surface blow built to 2 1/2"

Initial Shutin:
No return

Final Flow:
Weak surface blow in 1 1/2 min
built to 1"

Final Shutin:
No return

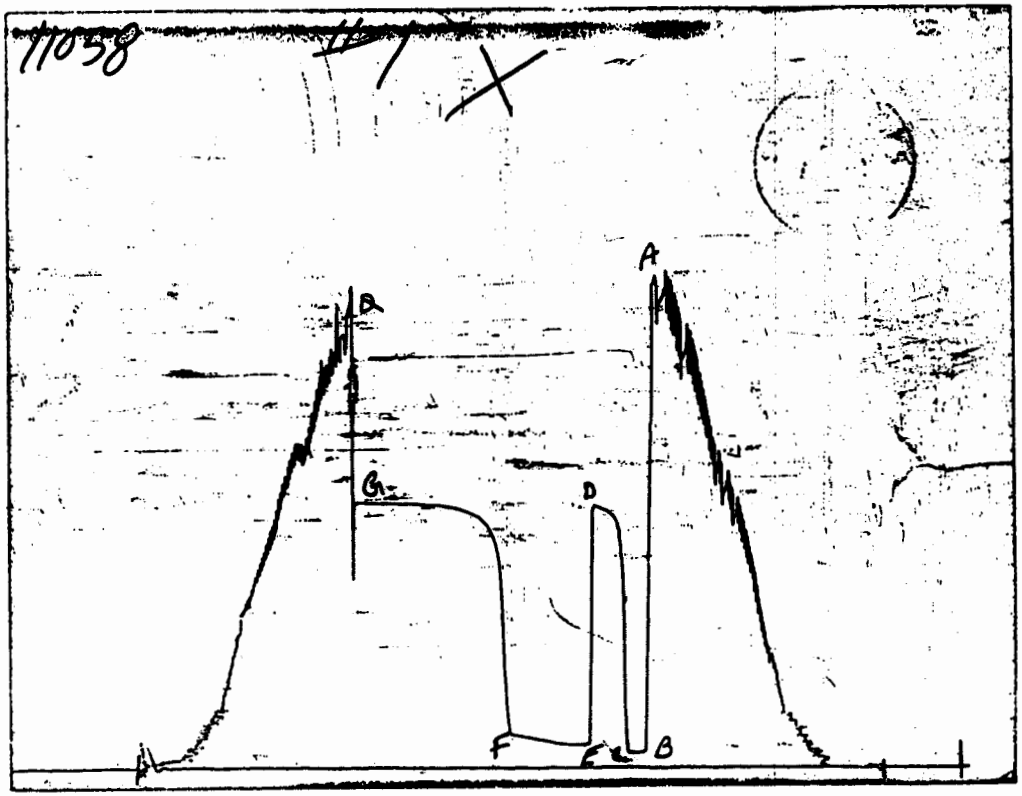
SAMPLES:
SENT TO:

MUD DATA----------

Mud Type	Chemical
Weight	9.10 lb/c
Vis.	64.00 S/L
W.L.	7.80 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	134.00 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.	Charles Spradlin
Contr.	Beredco
Rig #	2
Unit #	
Pump T.	

Test Successful: Y

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

Test Ticket

Nº 9975

Well Name & No. Sara #1-28 Test No. 1 Date 8-11-97

Company Beredco Inc Zone Tested Chester

Address 100 N Broadway Suite 970 Wichita KS 67202 Elevation 2911' KB 2901' GL

Co. Rep / Geo. Charlie Spradlin Cont. Beredco #2 Est. Ft. of Pay 17' Por. ___ %

Location: Sec. 28 Twp. 30 Rge. 34 Co. Haskell State KS

No. of Copies ___ Distribution Sheet (Y, N) Y Turnkey (Y, N) N Evaluation (Y, N) ___

Interval Tested 5481' 5516' Initial Str Wt./Lbs. 90,000 Unseated Str Wt./Lbs. 96,000

Anchor Length 35' Wt. Set Lbs. 26,000 Wt. Pulled Loose/Lbs. 126,000

Top Packer Depth 5476' Tool Weight 4,000

Bottom Packer Depth 5481' Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓

Total Depth 5516' Wt. Pipe Run — Drill Collar Run 620'

Mud Wt. 9.1 LCM #4 Vis. 64 WL 7.8 Drill Pipe Size 4½ XH Ft. Run 4850'

Blow Description Surface blow built to 2½" in

I.S.I: No return

F.F: Weak surface blow in 1½ min - built to 1" in

F.S.I: No return

Recovery — Total Feet 270' GIP — Ft. in DC 270' Ft. in DP —

Rec. 70'	Feet Of	Slitly Watery Mud	%gas	%oil	25 %water	75 %mud
Rec. 200'	Feet Of	Slitly Mud Cut Water	%gas	%oil	85 %water	15 %mud
Rec. ___	Feet Of		%gas	%oil	%water	%mud
Rec. ___	Feet Of		%gas	%oil	%water	%mud
Rec. ___	Feet Of		%gas	%oil	%water	%mud

BHT 134° °F Gravity — °API D@ — °F Corrected Gravity — °API

RW .125 @ 65 °F Chlorides 67,000 ppm Recovery Chlorides 1,000 ppm System

(A) Initial Hydrostatic Mud	2905 PSI	Recorder No.	11057	T-Started	21:50 p.m.
(B) First Initial Flow Pressure	77 PSI	(depth)	5486'	T-Open	01:30 A.M.
(C) First Final Flow Pressure	88 PSI	Recorder No.	11058 X	T-Pulled	05:15 A.M.
(D) Initial Shut-in Pressure	1543 PSI	(depth)	5511'	T-Out	08:15 A.M.
(E) Second Initial Flow Pressure	133 PSI	Recorder No.			
(F) Second Final Flow Pressure	200 PSI	(depth)			
(G) Final Shut-in Pressure	1565 PSI	Initial Opening	15	Test X	800
(H) Final Hydrostatic Mud	2872 PSI	Initial Shut-in	30	Jars X	200
		Final Flow	60	Safety Joint X	50
		Final Shut-in	120	Straddle	
				Circ. Sub X	N/C
				Sampler	
				Extra Packer	
				Elect. Rec.	
				Other	
				TOTAL PRICE $	1050

Approved By Charlie Spradlin

Our Representative Shane McBride

TRILOBITE TESTING L.L.C.

OPERATOR : Berexco Inc DATE 8/12/97
WELL NAME: Sara #1-28 KB 2911.00 ft TICKET NO: 10351 DST #2
LOCATION : 28-30S-34W Haskell KS GR 2901.00 ft FORMATION: Chester
INTERVAL : 5531.00 To 5571.00 ft TD 5571.00 ft TEST TYPE: CONV

RECORDER DATA

Mins		Field	1	2	3	4
PF 15	Rec.	11058	11058	11057		
SI 30	Range(Psi)	4475.0	4475.0	4500.0	0.0	0.0
SF 60	Clock(hrs)	12 HR	12 HR	12 HR		
FS 120	Depth(ft)	5566.0	5566.0	5538.0	0.0	0.0

TIME DATA----------
PF Fr. 0115 to 0130 hr
IS Fr. 0130 to 0200 hr
SF Fr. 0200 to 0300 hr
FS Fr. 0300 to 0500 hr

	Field	1	2	3	4
A. Init Hydro	2804.0	2745.0	0.0	0.0	0.0
B. First Flow	1053.0	1040.0	0.0	0.0	0.0
B1. Final Flow	1120.0	1100.0	0.0	0.0	0.0
C. In Shut-in	1611.0	1592.0	0.0	0.0	0.0
D. Init Flow	1097.0	1071.0	0.0	0.0	0.0
E. Final Flow	1175.0	1168.0	0.0	0.0	0.0
F. Fl Shut-in	1588.0	1566.0	0.0	0.0	0.0
G. Final Hydro	2782.0	2712.0	0.0	0.0	0.0
Inside/Outside	O	O	I		

T STARTED 2145 hr
T ON BOTM 0100 hr
T OPEN 0115 hr
T PULLED 0500 hr
T OUT 0815 hr

RECOVERY
Tot Fluid 2.00 ft of 2.00 ft in DC and 0.00 ft in DP
2.00 ft of Gas Condensation
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
00 ft of
0.00 ft of
SALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

TOOL DATA----------

Tool Wt.	4000.00 lbs
Wt Set On Packer	26000.00 lbs
Wt Pulled Loose	130000.00 lbs
Initial Str Wt	90000.00 lbs
Unseated Str Wt	92000.00 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	620.00 ft
D.P. Length	4910.00 ft

BLOW DESCRIPTION
Initaial Flow:
Bottom of bucket at open, Gas to surface in 2.5 minutes

Initial Shut In:
Bled off throughout

Final Flow:
Gauging Gas at open

Final Shut In:
Bled off blow 55 mins, return in 8 min built to 3.5"

SAMPLES:
SENT TO:

MUD DATA----------

Mud Type	Chemical
Weight	9.10 lb/c
Vis.	54.00 S/L
W.L.	8.00 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	137.00 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.	Charlie Spradlin
Contr.	Beredco
Rig #	2
Unit #	
Pump T.	

Test Successful: Y

GAS RECOVERY

COMPANY: Berexco Inc DATE: 8/12/97
LL NAME: Sara #1-28 KB Elev: 2911.00 ft TICKET #10351 DST #2
WELL LOCATION: 28-30S-34W Haskell KS GR Elev: 2901.00 ft FORMATION: Chester
INTERVAL Fr.: 5531.00 To 5571.00 T.D.: 5571.00 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	2.00	100	0	20125000.0
10	2.00	110	0	21877000.0
15	2.00	120	0	23629000.0

***** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
5	2.00	80	0	16621000.0
10	2.00	100	0	20125000.0
15	2.00	110	0	21877000.0
20	2.00	120	0	23629000.0
25	2.00	120	0	23629000.0
30	2.00	130	0	25381000.0
35	2.00	130	0	25381000.0
40	2.00	130	0	25381000.0
45	2.00	130	0	25381000.0
50	2.00	130	0	25381000.0
55	2.00	130	0	25381000.0
60	2.00	130	0	25381000.0

NATURAL GAS ANALYSIS REPORT

Sampled by:
Trilobite Testing, L. L. C.
Hays, Kansas
Scott City, Kansas
Phone: 800-728-5369
Fax: 913-625-5620

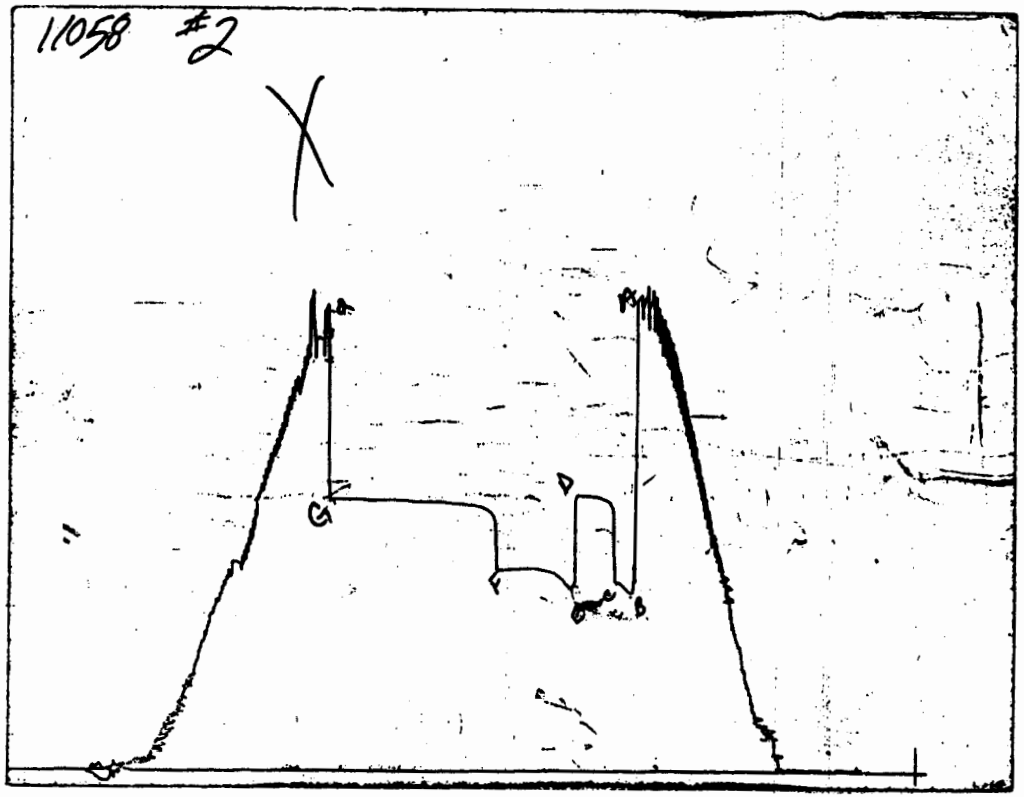
Analyzed by:
Caraway Analytical, Inc
P. O. Box 2137
Liberal, Kansas 67905
Phone: 316-624-5389
Fax: 316-626-7108

Lab Number:	972345	Analyzed:	08/13/97
Sample From:	Sara DST 2	Pressure:	
Producer:	Berexco, Inc.	Temperature:	
Date:		Location:	
Time:		County:	Haskell
Sampler:		State:	Kansas
Source:		Formation:	Chester

		Mole %	GPM
Helium	He:	0.419	0.000
Hydrogen	H2:	0.047	0.000
Oxygen	O2:	0.000	0.000
Nitrogen	N2:	4.439	0.000
Carbon Dioxide	CO2:	0.021	0.000
Methane	C1:	85.520	0.000
Ethane	C2:	4.339	1.160
Propane	C3:	2.034	0.560
Iso Butane	iC4:	0.380	0.124
Normal Butane	nC4:	0.727	0.229
Iso Pentane	iC5:	0.279	0.102
Normal Pentane	nC5:	0.287	0.104
Hexanes Plus	C6+:	1.508	0.658
	TOTAL:	100.000	2.938
	Z Fact:	0.9973	
	SP.GR.:	0.6784	
	BTU (SAT):	1113.9 @ 14.73 psia	
	BTU (DRY):	1133.6 @ 14.73 psia	
	OCTANE RATING:	119.3	

COMMENTS: 0.000

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

Test Ticket

Nº 10351

Well Name & No. Sara #1-28 Test No. #2 Date 8-12-97

Company Berexco Inc. Zone Tested Chester

Address 100 N. Broadway Suite 970 Wichita KS 67202 Elevation 2911' KB 2901' GL

Co. Rep / Geo. Charlie Sprodlin Cont. Beredco #2 Est. Ft. of Pay 9' Por. ___ %

Location: Sec. 28 Twp. 30 Rge. 34 Co. Haskell State Ks

No. of Copies ___ Distribution Sheet (Y, N) Y Turnkey (Y, N) N Evaluation (Y, N) ___

Interval Tested 5531' 5571' Initial Str Wt./Lbs. 90,000 Unseated Str Wt./Lbs. 92,000

Anchor Length 40' Wt. Set Lbs. 26,000 Wt. Pulled Loose/Lbs. 130,000

Top Packer Depth 5525' Tool Weight 4,000

Bottom Packer Depth 5531' Hole Size — 7 7/8" — Rubber Size — 6 3/4" —

Total Depth 5571' Wt. Pipe Run — Drill Collar Run 620'

Mud Wt. 9.1 LCM #4 Vis. 54 WL 8.0 Drill Pipe Size 4½ XH Ft. Run 4910'

Blow Description B.O.B @ open, Gas to Surface in 2½ min.

I.S.I Bleed off throughout

F.F Gauging Gas @ open

F.S.I Bleed off blow 55 min - return in 8 min built to 3½" in.

Recovery — Total Feet 2' GIP Gas to Surface Ft. in DC 2' Ft. in DP —

Rec. 2'	Feet Of gas condensation	100%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
Rec. ___	Feet Of ___	%gas	%oil	%water	%mud

BHT 137° °F Gravity ___ °API D@ ___ °F Corrected Gravity ___ °API

RW — @ — °F Chlorides — ppm Recovery Chlorides 2,200 ppm System

(A) Initial Hydrostatic Mud	2804 PSI	Recorder No.	11057	T-Started	21:45 P.M.
(B) First Initial Flow Pressure	1053 PSI	(depth)	5538'	T-Open	01:15 A.M.
(C) First Final Flow Pressure	1120 PSI	Recorder No.	11058	T-Pulled	05:00 A.M.
(D) Initial Shut-in Pressure	1611 PSI	(depth)	5566'	T-Out	08:15 A.M.
(E) Second Initial Flow Pressure	1097 PSI	Recorder No.	___		
(F) Second Final Flow Pressure	1175 PSI	(depth)	___		
(G) Final Shut-in Pressure	1588 PSI	Initial Opening	15	Test X	8.00
(H) Final Hydrostatic Mud	2782 PSI	Initial Shut-in	30	Jars X	200
		Final Flow	60	Safety Joint X	50
		Final Shut-in	120	Straddle	___
				Circ. Sub X	N/C
				Sampler	___
				Extra Packer X	Shale Packer
				Elect. Rec.	___
				Other	___
				TOTAL PRICE $	1300

Approved By ___

Our Representative [signature]

TRILOBITE TESTING

P.O. Box 362 • Hays, Kansas 67601 • (913) 625-4778

GAS VOLUME REPORT

Berexco Inc. — OPERATOR

Sara #1-28 — WELL NAME AND NO.

#2 — DST NO.

I.O. F.F.

Min.	~~Inches of Water~~ PSIG	Orifice Size	MCF/D	Min.	~~Inches of Water~~ PSIG	Orifice Size	MCF/D
5	100	2"	20,125,000	5	80	2"	16,621,000
0	110	2"	21,877,000	10	100	2"	20,125,000
5	120	2"	23,629,000	15	110	2"	21,877,000
				20	120	2"	23,629,000
				25	120	2"	23,629,000
				30	130	2"	25,381,000
				35	130	2"	25,381,000
				40	130	2"	25,381,000
				45	130	2"	25,381,000
				50	130	2"	25,381,000
				55	130	2"	25,381,000
				60	130	2"	25,381,000

Remarks: Gas to Surface 2½ min. First Flow.
Burnt Bright Orange Flame.
Mud most 14 min into 2nd. open.

TRILOBITE TESTING L.L.C.

OPERATOR : Berexco Inc DATE 8-14-97
WELL NAME: Sara 1-28 KB 2911.00 ft TICKET NO: 10352 DST #3
LOCATION : 28-30-34 GR 2901.00 ft FORMATION: Chester
INTERVAL : 5656.00 To 5670.00 ft TD 5670.00 ft TEST TYPE: CONV.

RECORDER DATA

Mins			Field	1	2	3	4
PF	15	Rec.	11057	11057	2342		
SI	30	Range(Psi)	4500.0	4500.0	4995.0	0.0	0.0
SF	60	Clock(hrs)	12 HR	12 HR	Elec		
FS	120	Depth(ft)	5657.0	5657.0	5664.0	0.0	0.0

TIME DATA----------
PF Fr. 1348 to 1403 hr
IS Fr. 1403 to 1433 hr
SF Fr. 1433 to 1533 hr
FS Fr. 1533 to 1733 hr

	Field	1	2	3	4
A. Init Hydro	2841.0	2808.0	2832.0	0.0	0.0
B. First Flow	56.0	47.0	26.0	0.0	0.0
B1. Final Flow	67.0	49.0	60.0	0.0	0.0
C. In Shut-in	1477.0	1454.0	1510.0	0.0	0.0
D. Init Flow	112.0	97.0	70.0	0.0	0.0
E. Final Flow	168.0	158.0	174.0	0.0	0.0
F. Fl Shut-in	1533.0	1518.0	1554.0	0.0	0.0
G. Final Hydro	2830.0	2606.0	2584.0	0.0	0.0
Inside/Outside	I	I	O		

T STARTED 1120 hr
T ON BOTM 1344 hr
T OPEN 1348 hr
T PULLED 1733 hr
T OUT 2055 hr

RECOVERY
Tot Fluid 440.00 ft of 440.00 ft in DC and 0.00 ft in DP
180.00 ft of Clean Gassy Oil 60%gas 40%oil
90.00 ft of Gassy Oil Cut Mud 60%gas 20%oil 20%mud
90.00 ft of Gassy Oil Cut Muddy Water
0.00 ft of 40%gas 10%oil 20%mud 30%water
80.00 ft of Slightly Gassy Water
0.00 ft of 10%gas 90%water trace of oil
00 ft of
.00 ft of
SALINITY 59000.00 P.P.M. A.P.I. Gravity 41.00

TOOL DATA----------

Tool Wt.	4000.00 lbs
Wt Set On Packer	26000.00 lbs
Wt Pulled Loose	123000.00 lbs
Initial Str Wt	92000.00 lbs
Unseated Str Wt	97000.00 lbs
Bot Choke	0.75 in
Hole Size	7.88 in
D Col. ID	2.25 in
D. Pipe ID	3.50 in
D.C. Length	620.00 ft
D.P. Length	5037.00 ft

BLOW DESCRIPTION
Initial Flow:
Bottom of bucket in 2 min

Initial Shut In:
Weak return in 10 mins built to 1"

Final Flow:
Bottom of bucket in 1 min

Final Shut In:
Return in 1 min, built to 9", Gas
to surface 6 min into shut in

SAMPLES:
SENT TO:

MUD DATA----------

Mud Type	Chemical
Weight	9.00 lb/c
Vis.	65.00 S/L
W.L.	8.40 in3
F.C.	0.00 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	146.00 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	Shane McBride
Co. Rep.	Charlie Spradlin
Contr.	Beredco
Rig #	2
Unit #	
Pump T.	

Test Successful: Y

*** TOOL DIAGRAM *** CONV.

:LL ' ME: Sara 1-28

)CATION : 28-30-34

:CKET No. 10352 D.S.T. No. 3 DATE 8-14-97

)TAL TOOL TO BOTTOM OF TOP PACKERS 30

)TTOM PACKERS AND ANCHOR 13

)TAL TOOL 43

RILL COLLAR ANCHOR IN INTERVAL .....

.C. ANCHOR STND.Stands Single Total

.P. ANCHOR STND.Stands Single Total

OTAL ASSEMBLY 43

.C. ABOVE TOOLS.Stands7 Single Total 620

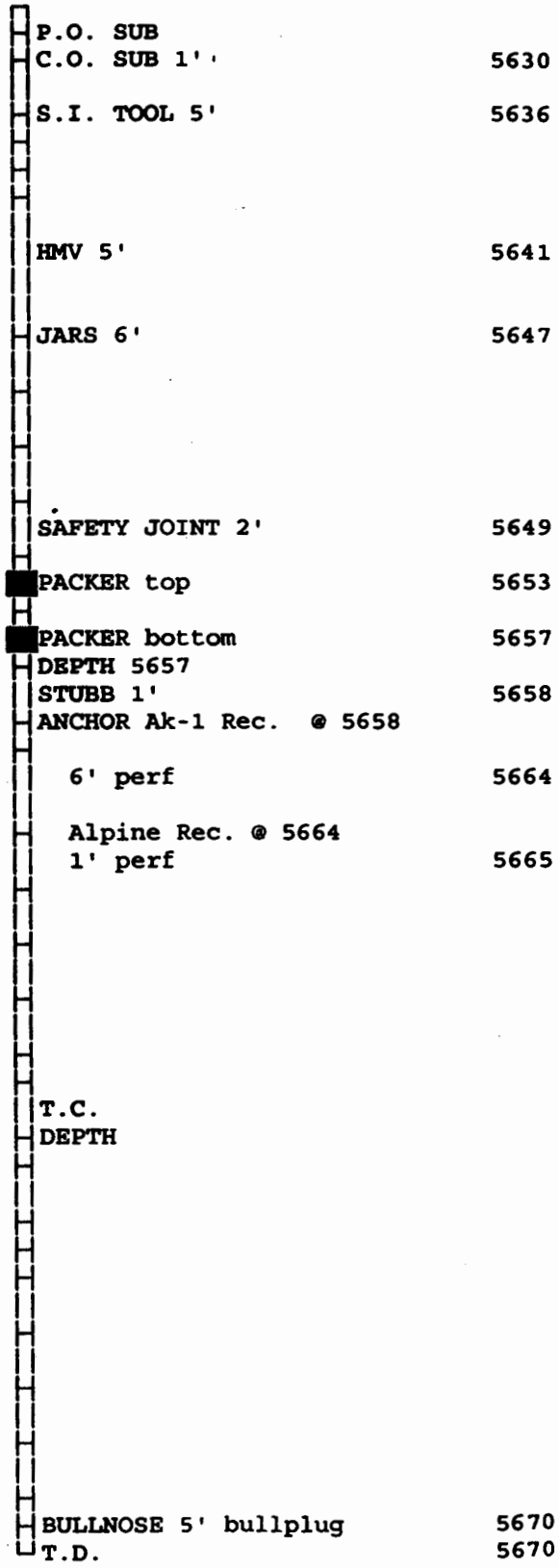
.P. ABOVE TOOLS.Stands54 Single Total 5037

OTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5700

OTA EPTH 5670

OTAL DRILL PIPE ABOVE K.B. 30

EMARKS:



ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10352 DST #3 Sara 1-28 Berexco Inc.

DATE: 08/14/97 TIME: 11:12:43

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
****** Initial Hydro.	147.00	2832.1	0.0	114.34		
****** Start Flow 1	0.00	25.6	0.0	114.90		
	1.00	29.5	3.9	115.06		
	2.00	32.2	6.6	115.23		
	3.00	34.2	8.6	115.39		
	4.00	37.0	11.4	115.58		
	5.00	41.6	16.0	115.77		
	6.00	42.8	17.2	115.99		
	7.00	44.6	19.1	116.22		
	8.00	47.5	21.9	116.46		
	9.00	50.5	24.9	116.72		
	10.00	52.4	26.9	116.97		
	11.00	54.3	28.7	117.24		
	12.00	56.6	31.1	117.52		
	13.00	58.7	33.1	117.82		
****** End Flow 1	14.00	59.7	34.2	118.10		
****** Start Shutin 1	0.00	59.7	0.0	118.10	0.0000	0.004
	1.00	123.6	63.9	118.40	15.0000	0.015
	2.00	202.5	142.8	118.70	8.0000	0.041
	3.00	301.0	241.2	119.01	5.6667	0.091
	4.00	429.1	369.4	119.33	4.5000	0.184
	5.00	590.8	531.1	119.66	3.8000	0.349
	6.00	766.1	706.3	119.99	3.3333	0.587
	7.00	906.3	846.6	120.34	3.0000	0.821
	8.00	1008.3	948.6	120.67	2.7500	1.017
	9.00	1086.9	1027.2	121.01	2.5556	1.181
	10.00	1149.8	1090.1	121.35	2.4000	1.322
	11.00	1201.3	1141.5	121.69	2.2727	1.443
	12.00	1244.2	1184.5	122.02	2.1667	1.548
	13.00	1280.9	1221.1	122.35	2.0769	1.641
	14.00	1312.0	1252.3	122.65	2.0000	1.721
	15.00	1344.3	1284.5	122.99	1.9333	1.807
	16.00	1369.3	1309.5	123.31	1.8750	1.875
	17.00	1390.2	1330.4	123.62	1.8235	1.933
	18.00	1408.2	1348.5	123.92	1.7778	1.983
	19.00	1423.7	1364.0	124.22	1.7368	2.027
	20.00	1437.5	1377.8	124.51	1.7000	2.066
	21.00	1449.3	1389.6	124.82	1.6667	2.101
	22.00	1459.8	1400.1	125.10	1.6364	2.131
	23.00	1469.0	1409.2	125.38	1.6087	2.158
	24.00	1477.0	1417.3	125.66	1.5833	2.182
	25.00	1484.3	1424.5	125.93	1.5600	2.203
	26.00	1490.6	1430.9	126.19	1.5385	2.222
	27.00	1496.3	1436.6	126.46	1.5185	2.239
	28.00	1501.4	1441.6	126.72	1.5000	2.254
	29.00	1505.9	1446.2	126.98	1.4828	2.268
****** End Shut-in 1	30.00	1509.5	1449.8	127.23	1.4667	2.279
****** Start Flow 2	0.00	69.7	0.0	127.57		
	1.00	74.9	5.3	127.73		
	2.00	79.8	10.2	127.90		
	3.00	83.4	13.8	128.07		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10352 DST #3 Sara 1-28 Berexco Inc.

DATE 08/14/97 TIME: 11:12:43

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
4.00	85.7	16.0	128.24		
5.00	89.2	19.6	128.41		
6.00	89.5	19.9	128.61		
7.00	92.2	22.6	128.79		
8.00	94.9	25.3	128.97		
9.00	97.0	27.4	129.16		
10.00	99.8	30.1	129.35		
11.00	99.7	30.0	129.53		
12.00	102.5	32.8	129.72		
13.00	104.3	34.7	129.91		
14.00	108.4	38.8	130.09		
15.00	108.8	39.1	130.28		
16.00	111.4	41.7	130.45		
17.00	114.3	44.6	130.65		
18.00	115.7	46.1	130.83		
19.00	116.7	47.1	131.01		
20.00	118.2	48.5	131.20		
21.00	122.9	53.3	131.37		
22.00	123.3	53.6	131.55		
23.00	125.0	55.4	131.73		
24.00	126.9	57.2	131.90		
25.00	129.7	60.1	132.08		
26.00	130.9	61.3	132.26		
27.00	133.4	63.7	132.42		
28.00	135.2	65.5	132.60		
29.00	138.1	68.5	132.77		
30.00	139.6	69.9	132.95		
31.00	141.7	72.0	133.11		
32.00	142.1	72.4	133.27		
33.00	146.2	76.5	133.45		
34.00	147.2	77.5	133.61		
35.00	150.0	80.3	133.77		
36.00	151.9	82.2	133.94		
37.00	153.2	83.5	134.10		
38.00	154.5	84.9	134.26		
39.00	156.3	86.6	134.42		
40.00	158.0	88.4	134.58		
41.00	160.5	90.8	134.74		
42.00	163.1	93.4	134.89		
43.00	165.1	95.4	135.05		
44.00	166.6	96.9	135.20		
45.00	169.9	100.3	135.36		
46.00	170.4	100.8	135.50		
47.00	170.4	100.8	135.65		
48.00	175.8	106.2	135.80		
49.00	171.0	101.4	135.94		
50.00	174.3	104.7	136.10		
51.00	173.6	104.0	136.23		
52.00	170.5	100.9	136.38		
53.00	170.5	100.9	136.52		
54.00	172.5	102.9	136.66		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10352 DST #3 Sara 1-28 Berexco Inc.

DATE: 08/14/97 TIME: 11:12:43

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	55.00	173.1	103.4	136.80		
****** End Flow 2	56.00	173.9	104.2	136.94		
****** Start Shutin 2	0.00	173.9	0.0	136.94	0.0000	0.030
	1.00	181.9	8.1	137.07	71.0000	0.033
	2.00	196.5	22.6	137.21	36.0000	0.039
	3.00	334.4	160.5	137.36	24.3333	0.112
	4.00	502.6	328.7	137.51	18.5000	0.253
	5.00	683.2	509.3	137.65	15.0000	0.467
	6.00	848.2	674.3	137.82	12.6667	0.719
	7.00	969.9	796.1	137.99	11.0000	0.941
	8.00	1057.3	883.4	138.15	9.7500	1.118
	9.00	1123.2	949.3	138.32	8.7778	1.262
	10.00	1175.2	1001.3	138.49	8.0000	1.381
	11.00	1218.0	1044.1	138.65	7.3636	1.483
	12.00	1253.9	1080.0	138.82	6.8333	1.572
	13.00	1284.4	1110.5	138.98	6.3846	1.650
	14.00	1310.7	1136.8	139.13	6.0000	1.718
	15.00	1333.7	1159.8	139.27	5.6667	1.779
	16.00	1353.7	1179.9	139.42	5.3750	1.833
	17.00	1371.7	1197.8	139.56	5.1176	1.882
	18.00	1387.3	1213.4	139.69	4.8889	1.925
	19.00	1401.5	1227.6	139.82	4.6842	1.964
	20.00	1414.2	1240.3	139.96	4.5000	2.000
	21.00	1425.5	1251.6	140.08	4.3333	2.032
	22.00	1435.7	1261.9	140.20	4.1818	2.061
	23.00	1444.9	1271.0	140.32	4.0435	2.088
	24.00	1453.2	1279.3	140.45	3.9167	2.112
	25.00	1460.7	1286.8	140.56	3.8000	2.134
	26.00	1467.6	1293.7	140.68	3.6923	2.154
	27.00	1473.8	1300.0	140.79	3.5926	2.172
	28.00	1479.4	1305.5	140.89	3.5000	2.189
	29.00	1484.7	1310.8	141.01	3.4138	2.204
	30.00	1489.3	1315.4	141.11	3.3333	2.218
	31.00	1493.7	1319.8	141.21	3.2581	2.231
	32.00	1497.6	1323.7	141.31	3.1875	2.243
	33.00	1501.5	1327.6	141.41	3.1212	2.254
	34.00	1504.9	1331.0	141.51	3.0588	2.265
	35.00	1507.8	1333.9	141.61	3.0000	2.274
	36.00	1510.5	1336.6	141.70	2.9444	2.282
	37.00	1513.0	1339.2	141.66	2.8919	2.289
	38.00	1515.6	1341.7	141.87	2.8421	2.297
	39.00	1517.8	1343.9	141.96	2.7949	2.304
	40.00	1519.9	1346.0	142.04	2.7500	2.310
	41.00	1521.7	1347.8	142.14	2.7073	2.316
	42.00	1523.5	1349.6	142.20	2.6667	2.321
	43.00	1525.2	1351.3	142.29	2.6279	2.326
	44.00	1526.8	1352.9	142.37	2.5909	2.331
	45.00	1528.3	1354.4	142.45	2.5556	2.336
	46.00	1529.7	1355.8	142.52	2.5217	2.340
	47.00	1531.0	1357.1	142.59	2.4894	2.344
	48.00	1532.3	1358.4	142.68	2.4583	2.348

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10352 DST #3 Sara 1-28 Berexco Inc.

DAT[illegible] 08/14/97 TIME: 11:12:43

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
49.00	1533.5	1359.6	142.74	2.4286	2.352
50.00	1534.4	1360.5	142.81	2.4000	2.354
51.00	1535.3	1361.4	142.89	2.3725	2.357
52.00	1536.4	1362.5	142.95	2.3462	2.360
53.00	1536.6	1362.7	143.01	2.3208	2.361
54.00	1537.5	1363.6	143.09	2.2963	2.364
55.00	1538.1	1364.2	143.15	2.2727	2.366
56.00	1538.6	1364.8	143.22	2.2500	2.367
57.00	1539.2	1365.3	143.27	2.2281	2.369
58.00	1540.0	1366.1	143.33	2.2069	2.372
59.00	1540.7	1366.8	143.39	2.1864	2.374
60.00	1541.3	1367.4	143.45	2.1667	2.376
61.00	1541.9	1368.0	143.52	2.1475	2.377
62.00	1542.2	1368.4	143.58	2.1290	2.379
63.00	1542.6	1368.7	143.63	2.1111	2.380
64.00	1543.1	1369.2	143.68	2.0938	2.381
65.00	1543.7	1369.8	143.73	2.0769	2.383
66.00	1544.1	1370.2	143.79	2.0606	2.384
67.00	1544.4	1370.5	143.84	2.0448	2.385
68.00	1544.8	1370.9	143.89	2.0294	2.386
69.00	1545.1	1371.2	143.95	2.0145	2.387
70.00	1545.5	1371.6	144.00	2.0000	2.389
71.00	1546.1	1372.2	144.04	1.9859	2.390
72.00	1546.4	1372.6	144.09	1.9722	2.391
73.00	1547.0	1373.1	144.14	1.9589	2.393
74.00	1547.4	1373.5	144.19	1.9459	2.394
75.00	1547.6	1373.7	144.24	1.9333	2.395
76.00	1547.9	1374.0	144.28	1.9211	2.396
77.00	1548.1	1374.2	144.32	1.9091	2.397
78.00	1548.5	1374.7	144.38	1.8974	2.398
79.00	1548.6	1374.7	144.42	1.8861	2.398
80.00	1548.9	1375.0	144.47	1.8750	2.399
81.00	1549.2	1375.3	144.50	1.8642	2.400
82.00	1549.4	1375.5	144.55	1.8537	2.401
83.00	1549.6	1375.7	144.59	1.8434	2.401
84.00	1549.6	1375.7	144.64	1.8333	2.401
85.00	1550.0	1376.1	144.67	1.8235	2.402
86.00	1550.0	1376.1	144.71	1.8140	2.402
87.00	1550.1	1376.2	144.75	1.8046	2.403
88.00	1550.4	1376.5	144.79	1.7955	2.404
89.00	1550.7	1376.8	144.82	1.7865	2.405
90.00	1550.6	1376.8	144.86	1.7778	2.404
91.00	1550.8	1376.9	144.91	1.7692	2.405
92.00	1551.1	1377.2	144.94	1.7609	2.406
93.00	1551.2	1377.3	144.99	1.7527	2.406
94.00	1551.4	1377.5	145.02	1.7447	2.407
95.00	1551.6	1377.8	145.06	1.7368	2.408
96.00	1551.8	1377.9	145.10	1.7292	2.408
97.00	1552.0	1378.1	145.10	1.7216	2.409
98.00	1552.2	1378.3	145.15	1.7143	2.409
99.00	1552.3	1378.4	145.18	1.7071	2.410

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10352 DST #3 Sara 1-28 Berexco Inc.

\TE: 08/14/97 TIME: 11:12:43

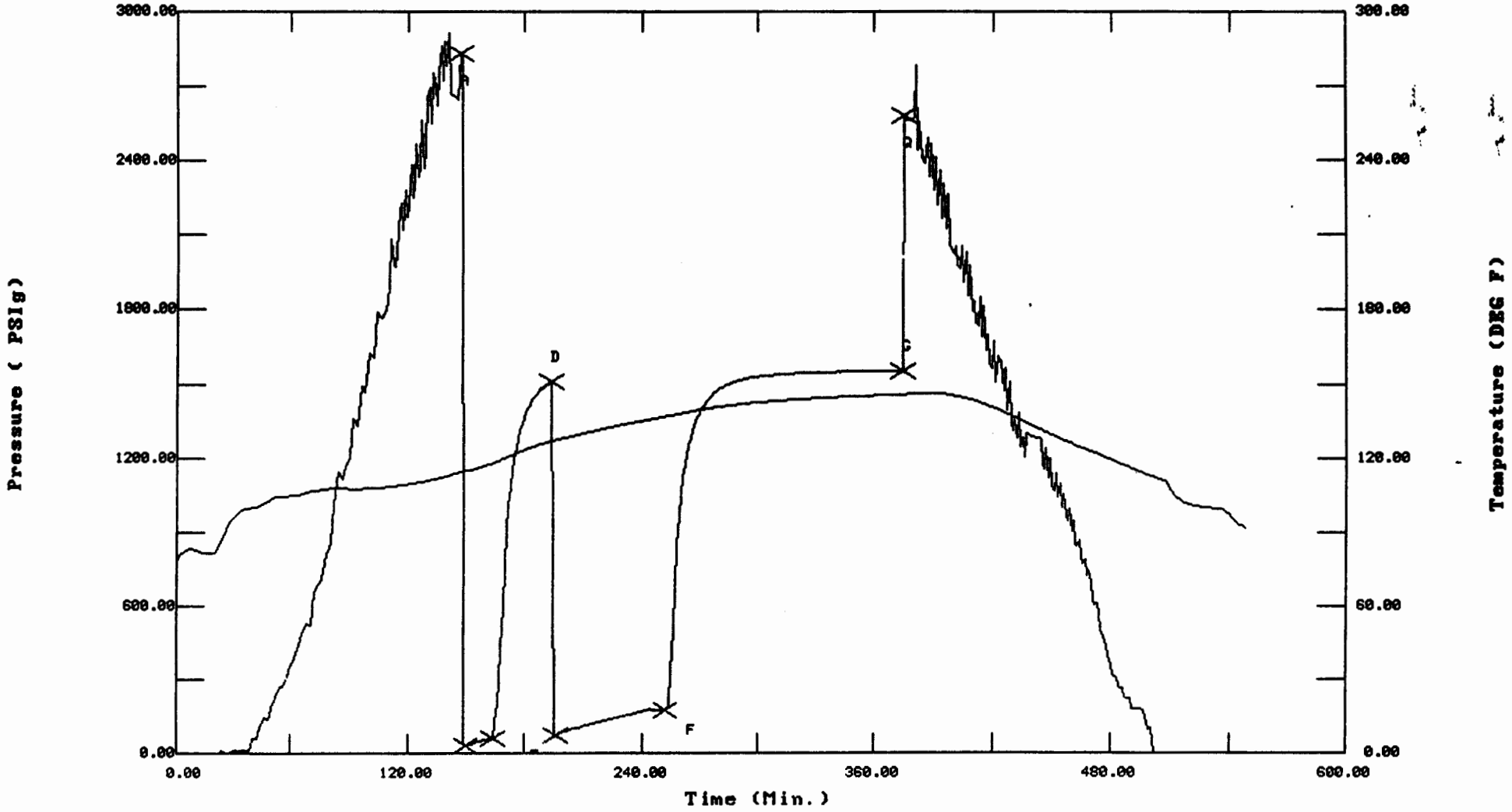
	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	100.00	1552.3	1378.4	145.22	1.7000	2.410
	101.00	1552.4	1378.5	145.26	1.6931	2.410
	102.00	1552.6	1378.7	145.29	1.6863	2.410
	103.00	1552.7	1378.9	145.32	1.6796	2.411
	104.00	1552.9	1379.0	145.36	1.6731	2.412
	105.00	1553.1	1379.2	145.39	1.6667	2.412
	106.00	1553.2	1379.4	145.42	1.6604	2.413
	107.00	1553.4	1379.5	145.44	1.6542	2.413
	108.00	1553.4	1379.5	145.46	1.6481	2.413
	109.00	1553.6	1379.7	145.51	1.6422	2.414
	110.00	1553.5	1379.6	145.54	1.6364	2.413
	111.00	1553.7	1379.8	145.57	1.6306	2.414
	112.00	1553.7	1379.9	145.60	1.6250	2.414
	113.00	1553.7	1379.9	145.62	1.6195	2.414
	114.00	1553.8	1379.9	145.65	1.6140	2.414
	115.00	1554.0	1380.1	145.68	1.6087	2.415
	116.00	1554.1	1380.2	145.71	1.6034	2.415
	117.00	1554.1	1380.2	145.74	1.5983	2.415
	118.00	1554.2	1380.3	145.76	1.5932	2.415
	119.00	1554.2	1380.4	145.78	1.5882	2.416
	120.00	1554.2	1380.4	145.81	1.5833	2.416
	121.00	1554.4	1380.5	145.84	1.5785	2.416
****** End Shut-in 2	122.00	1554.4	1380.5	145.88	1.5738	2.416
****** Final Hydro.	375.00	2583.9	0.0	145.92		

TEST HISTORY

10352 DST #3 Sara 1-28 Berexco Inc.

Flag Points

	t(Min.)	P(PSIg)
A:	0.00	2832.14
B:	0.00	25.59
C:	14.00	59.75
D:	30.00	1509.52
E:	0.00	69.65
F:	56.00	173.89
G:	122.00	1554.42
Q:	0.00	2583.88



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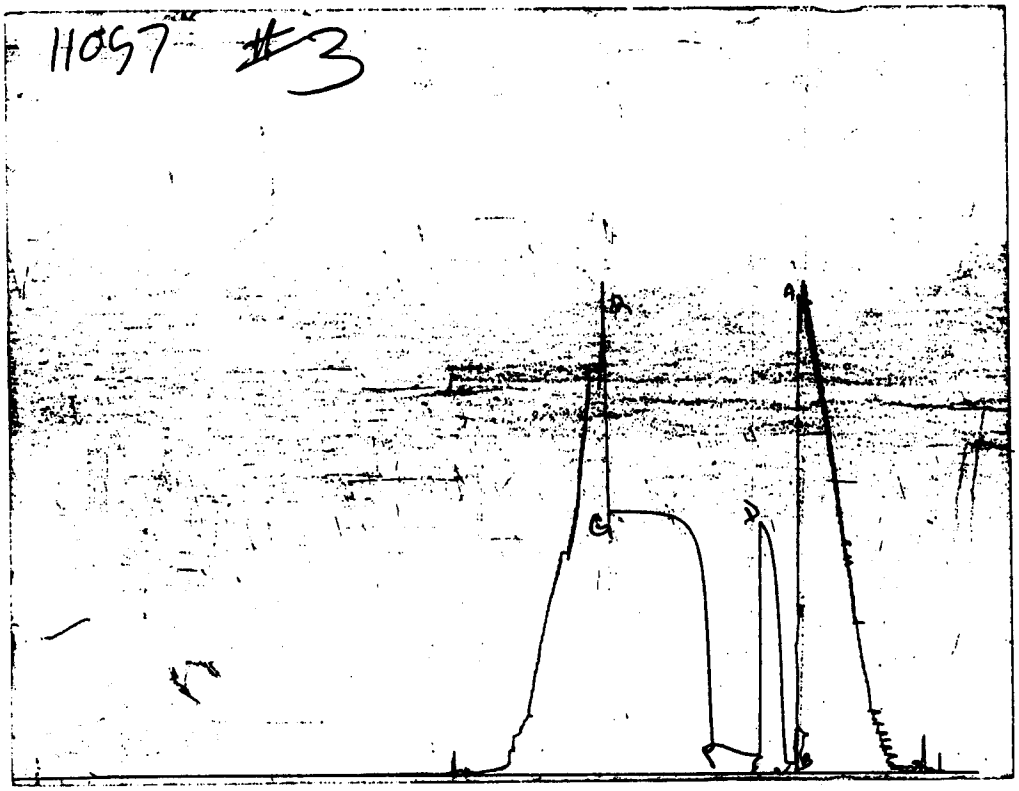

This is a photocopy of the actual AK-1 recorder chart

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Nº 10352

Well Name & No. Sere 1-28 Test No. #3 Date 8-14-97

Company Beredco Inc. Zone Tested Chester

Address 100 N. Broadway Suite 970 Wichita Ks 67202 Elevation 2911' KB 2901' GL

Co. Rep / Geo. Charlie Sprinkle Cont. Beredco #2 Est. Ft. of Pay 13' Por. ____ %

Location: Sec. 28 Twp. 30 Rge. 34 Co. Haskell State Ks

No. of Copies ____ Distribution Sheet (Y, N) Y Turnkey (Y, N) N Evaluation (Y, N) ____

Interval Tested 5658' 5670' Initial Str Wt./Lbs. 92,000 Unseated Str Wt./Lbs. 93,000

Anchor Length 13' Wt. Set Lbs. 26,000 Wt. Pulled Loose/Lbs. 123,000

Top Packer Depth 5652' Tool Weight 4,000

Bottom Packer Depth 5658' Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓

Total Depth 5670' Wt. Pipe Run — Drill Collar Run 620'

Mud Wt. 90 LCM 6 Vis. 65 WL ____ Drill Pipe Size 4½ XH Ft. Run 5037'

Blow Description B.O.B in 2 min.

I.S.I: Bleed off blow for 3 min - weak return in 10 min - built to 1" w.

F.F: B.O.B in 1 min.

F.S.I: Bleed off blow for 12 min - return in 1½ min built to 9" w. Gas to Surface 6 min into shut

Recovery — Total Feet 440 GIP Gas to Surface Ft. in DC 440 Ft. in DP —

Rec. 180'	Feet Of Clean Gassy O.C.	60 %gas	40 %oil	%water	%mud	
Rec. 90'	Feet Of G,O,C,M	60 %gas	20 %oil	%water	20 %mud	
Rec. 90'	Feet Of G,O,C,M,W	40 %gas	10 %oil	30 %water	20 %mud	
Rec. 80'	Feet Of Slit Gassy Water	10 %gas	Trace %oil	90 %water	%mud	
Rec. ____	Feet Of ____	%gas	%oil	%water	%mud	

BHT 146° °F Gravity 44 °API @ 91 °F Corrected Gravity 41 °API

RW .101 @ 91 °F Chlorides 59,000 ppm Recovery Chlorides 1,600 ppm System

(A) Initial Hydrostatic Mud	2841	2832	PSI	Recorder No.	2342	T-Started 11:20 A.M.
(B) First Initial Flow Pressure	56	25	PSI	(depth)	5664'	T-Open 13:48 P.M.
(C) First Final Flow Pressure	67	59	PSI	Recorder No.	11057	T-Pulled 17:33 P.M.
(D) Initial Shut-in Pressure	1477	1509	PSI	(depth)	5657'	T-Out 20:55 P.M.
(E) Second Initial Flow Pressure	112	69	PSI	Recorder No.		
(F) Second Final Flow Pressure	168	173	PSI	(depth)		
(G) Final Shut-in Pressure	1533	1554	PSI	Initial Opening	15	Test ✓
(H) Final Hydrostatic Mud	2830	2583	PSI	Initial Shut-in	30	Jars X
	AF-1	Alpine		Final Flow	60	Safety Joint X
				Final Shut-in	120	Straddle ____
				(G.T.S. blow into Final Shut in.)		Circ. Sub X N/C
						Sampler ____
						Extra Packer ____
						Elect. Rec. X ____
						Other ____
						TOTAL PRICE $ ____

Approved By Charles M Sprinkle

Our Representative Shane Mc Gee