

ORIGINAL

WELL NAME: Myrna Kay #1-28
COMPANY: Berexco Inc.
LOCATION: Sec. 28 Twp. 30S Rge. 41W
Stanton County Kansas
DATE: 04/07/97

CONFIDENTIAL

15-187-20874

RELEASED

OCT 6 1998

FROM CONFIDENTIAL

RCC

AUG 14

CONFIDENTIAL

TRILOBITE TESTING L.L.C.

OPERATOR : Berexco Inc. DATE 4-2-97
 WELL NAME: Myrna Kay #1-28 KB 3339.00 ft TICKET NO: 9827 DST #1
 LOCATION : 28-30S-41W GR 3381.00 ft FORMATION: Keyes
 INTERVAL : 5365.00 To 5380.00 ft TD 5380.00 ft TEST TYPE: CONV

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	2836	2836	3405			PF Fr. 2329 to 2359 hr
SI 60	Range(Psi)	3550.0	3550.0	4995.0	0.0	0.0	IS Fr. 2359 to 0059 hr
SF 30	Clock(hrs)	12hr.	12hr.	Elec			SF Fr. 0059 to 0129 hr
FS 60	Depth(ft)	5377.0	5377.0	5369.0	0.0	0.0	FS Fr. 0129 to 0229 hr

	Field	1	2	3	4	
A. Init Hydro	2713.0	2711.0	2589.0	0.0	0.0	T STARTED 2115 hr
B. First Flow	25.0	18.0	24.0	0.0	0.0	T ON BOTM 2327 hr
B1. Final Flow	25.0	23.0	26.0	0.0	0.0	T OPEN 2329 hr
C. In Shut-in	34.0	38.0	68.0	0.0	0.0	T PULLED 0229 hr
D. Init Flow	42.0	33.0	27.0	0.0	0.0	T OUT 0525 hr
E. Final Flow	42.0	38.0	27.0	0.0	0.0	
F. Fl Shut-in	85.0	90.0	81.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2485.0	2552.0	2560.0	0.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 25000.00 lbs
						Wt Pulled Loose 120000.00 lbs
						Initial Str Wt 90000.00 lbs
						Unseated Str Wt 90000.00 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 616.00 ft
						D.P. Length 4750.00 ft

RECOVERY

Tot Fluid 5.00 ft of 5.00 ft in DC and 0.00 ft in DP
 0.00 ft of
 5.00 ft of 100% Drlg Mud
 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

MUD DATA-----

Mud Type Chemical
 Weight 8.90 lb/c
 Vis. 49.00 S/L
 W.L. 7.40 in3
 F.C. 0.00 in
 Mud Drop N

BLOW DESCRIPTION

Initial Flow:
 No blow
 Initial Shut In:

Amt. of fill 5.00 ft
 Btm. H. Temp. 123.00 F
 Hole Condition Fair
 % Porosity 0.00
 Packer Size 6.75 in
 No. of Packers 2
 Cushion Amt. 0.00

Final Flow:
 No blow

Final Shut In:

Cushion Type
 Reversed Out N
 Tool Chased N
 Tester Mike Colantonio
 Co. Rep. Charlie
 Contr. Beredco
 Rig # 2
 Unit #
 Pump T.

SAMPLES: NO
 SENT TO:

Test Successful: Y

*** TOOL DIAGRAM *** CONV

WELL NAME: Myrna Kay #1-28

LOCATION : 28-30S-41W

TICKET No. 9827 D.S.T. No. 1 DATE 4-2-97

TOTAL TOOL TO BOTTOM OF TOP PACKERS 22ft

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 23ft

TOTAL TOOL 45ft

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 45ft

D.C. ABOVE TOOLS.Stands7 Single Total 616ft

D.P. ABOVE TOOLS.Stands51 Single Total 4750ft

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5411ft

TOTAL DEPTH 5380ft.

TOTAL DRILL PIPE ABOVE K.B. 31ft

REMARKS:

P.O. SUB top tool	5335
C.O. SUB 1ft	5336
S.I. TOOL 5ft	5341
HMV 5ft	5346
JARS 5ft	5351
SAFETY JOINT 2ft	5353
PACKER 8ft Shale	5357
PACKER 5ft	5365
DEPTH	
STUBB 1ft	5366
ANCHOR	
2ft perf	5369
T.C.	
DEPTH	
Alpine Rec. @ 5369	
9ft perf	5377
Ak-1 Rec @ 5377	
BULLNOSE	
T.D. 3ft Bull plug	5380

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9827 DST#1 Myrna Kay #1-28 Berexco Inc.

DATE: 04/02/97

TIME: 21:25:57

	Time	Pressure PSIg	delta P PSIg	P	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
***** Initial Hydro.	125.00	2588.6	0.0		122.48		
***** Start Flow 1	0.00	23.6	0.0		123.38		
	1.00	24.2	0.6		123.66		
	2.00	24.1	0.5		123.85		
	3.00	24.4	0.8		123.99		
	4.00	24.5	1		124.08		
	5.00	24.9	1.3		124.13		
	6.00	25.1	1.5		124.18		
	7.00	24.8	1.2		124.21		
	8.00	24.9	1.3		124.22		
	9.00	25.0	1.4		124.24		
	10.00	25.2	1.6		124.25		
	11.00	25.2	1.6		124.27		
	12.00	25.1	1.5		124.27		
	13.00	25.2	1.6		124.28		
	14.00	25.2	1.7		124.28		
	15.00	25.1	1.5		124.29		
	16.00	25.3	1.7		124.31		
	17.00	25.4	1.8		124.31		
	18.00	25.8	2.2		124.33		
	19.00	25.3	1.7		124.36		
	20.00	25.5	1.9		124.43		
	21.00	25.5	1.9		124.49		
	22.00	25.6	2.0		124.54		
	23.00	25.6	2.0		124.57		
	24.00	25.6	2.0		124.61		
	25.00	25.5	1.9		124.63		
	26.00	25.8	2.2		124.65		
	27.00	25.7	2.1		124.66		
	28.00	25.8	2.2		124.68		
	29.00	25.8	2.2		124.69		
	30.00	25.2	1.6		124.69		
	31.00	25.5	1.9		124.71		
	32.00	25.8	2.2		124.74		
	33.00	26.0	2.5		124.75		
***** End Flow 1	34.00	26.3	2.7		124.76		
***** Start Shutin 1	0.00	26.3	0.0		124.76	0.0000	0.001
	1.00	27.3	1.1		124.77	35.0000	0.001
	2.00	34.8	8.5		124.80	18.0000	0.001
	3.00	36.0	9.7		124.82	12.3333	0.001
	4.00	36.3	10.0		124.84	9.5000	0.001
	5.00	36.6	10.4		124.86	7.8000	0.001
	6.00	37.0	10.7		124.88	6.6667	0.001
	7.00	37.4	11.2		124.91	5.8571	0.001
	8.00	37.8	11.5		124.94	5.2500	0.001
	9.00	38.2	12.0		124.96	4.7778	0.001
	10.00	38.7	12.4		124.99	4.4000	0.001
	11.00	39.1	12.8		125.01	4.0909	0.002
	12.00	39.5	13.2		125.03	3.8333	0.002
	13.00	39.9	13.7		125.07	3.6154	0.002
	14.00	40.4	14.1		125.10	3.4286	0.002

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

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DATE: 04/02/97 TIME: 21:25:57

	Time	Pressure PSI _g	delta P PSI _g	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
	15.00	40.8	14.6	125.13	3.2667	0.002
	16.00	41.3	15.0	125.16	3.1250	0.002
	17.00	41.7	15.5	125.19	3.0000	0.002
	18.00	42.2	15.9	125.22	2.8889	0.002
	19.00	42.6	16.4	125.25	2.7895	0.002
	20.00	43.2	16.9	125.29	2.7000	0.002
	21.00	43.8	17.5	125.31	2.6190	0.002
	22.00	44.3	18.0	125.35	2.5455	0.002
	23.00	44.8	18.6	125.38	2.4783	0.002
	24.00	45.5	19.2	125.40	2.4167	0.002
	25.00	46.1	19.8	125.44	2.3600	0.002
	26.00	46.6	20.4	125.46	2.3077	0.002
	27.00	47.3	21.0	125.50	2.2593	0.002
	28.00	47.9	21.6	125.54	2.2143	0.002
	29.00	48.5	22.2	125.57	2.1724	0.002
	30.00	49.4	23.1	125.61	2.1333	0.002
	31.00	50.1	23.9	125.64	2.0968	0.003
	32.00	50.9	24.6	125.67	2.0625	0.003
	33.00	51.5	25.3	125.71	2.0303	0.003
	34.00	52.3	26.0	125.74	2.0000	0.003
	35.00	51.2	24.9	125.76	1.9714	0.003
	36.00	47.4	21.1	125.81	1.9444	0.002
	37.00	40.5	14.2	125.84	1.9189	0.002
	38.00	34.9	8.6	125.87	1.8947	0.001
	39.00	31.4	5.1	125.91	1.8718	0.001
	40.00	29.2	3.0	125.94	1.8500	0.001
	41.00	31.4	5.1	125.97	1.8293	0.001
	42.00	33.4	7.2	126.01	1.8095	0.001
	43.00	36.6	10.4	126.04	1.7907	0.001
	44.00	39.4	13.2	126.07	1.7727	0.002
	45.00	43.1	16.8	126.11	1.7556	0.002
	46.00	43.9	17.6	126.15	1.7391	0.002
	47.00	46.9	20.6	126.18	1.7234	0.002
	48.00	48.1	21.9	126.21	1.7083	0.002
	49.00	50.7	24.4	126.25	1.6939	0.003
	50.00	54.1	27.8	126.28	1.6800	0.003
	51.00	56.4	30.2	126.32	1.6667	0.003
	52.00	62.1	35.8	126.35	1.6538	0.004
	53.00	62.9	36.6	126.39	1.6415	0.004
	54.00	65.3	39.1	126.43	1.6296	0.004
***** End Shut-in 1	55.00	68.3	42.1	126.46	1.6182	0.005
***** Start Flow 2	0.00	26.9	0.0	126.50		
	1.00	26.6	-0.3	126.52		
	2.00	26.5	-0.4	126.56		
	3.00	26.6	-0.3	126.59		
	4.00	26.6	-0.3	126.62		
	5.00	26.6	-0.3	126.66		
	6.00	26.7	-0.3	126.69		
	7.00	26.7	-0.2	126.73		
	8.00	26.7	-0.2	126.75		
	9.00	26.8	-0.2	126.79		

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

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DATE: 04/02/97 TIME: 21:25:57

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	10.00	26.8	-0.1	126.83		
	11.00	26.8	-0.2	126.86		
	12.00	27.0	0.0	126.89		
	13.00	27.0	0.0	126.93		
	14.00	26.7	-0.2	126.96		
	15.00	26.8	-0.1	127.00		
	16.00	26.8	-0.1	127.04		
	17.00	26.8	-0.1	127.06		
	18.00	26.9	-0.1	127.09		
	19.00	26.9	-0.1	127.13		
	20.00	26.9	-0.0	127.16		
	21.00	26.9	-0.0	127.20		
	22.00	26.9	0.0	127.23		
	23.00	26.9	0.0	127.27		
	24.00	26.9	0.0	127.31		
	25.00	26.9	-0.1	127.33		
	26.00	26.8	-0.1	127.37		
	27.00	26.8	-0.2	127.39		
	28.00	26.7	-0.2	127.42		
	29.00	26.7	-0.2	127.46		
	30.00	25.4	-1.5	127.50		
	31.00	26.2	-0.7	127.52		
***** End Flow 2	32.00	26.9	-0.1	127.55		
***** Start Shutin 2	0.00	26.9	0.0	127.55	0.0000	0.001
	1.00	27.4	0.5	127.58	67.0000	0.001
	2.00	27.9	1.0	127.61	34.0000	0.001
	3.00	28.5	1.6	127.64	23.0000	0.001
	4.00	29.1	2.2	127.67	17.5000	0.001
	5.00	30.1	3.2	127.70	14.2000	0.001
	6.00	30.9	4.0	127.72	12.0000	0.001
	7.00	31.4	4.5	127.77	10.4286	0.001
	8.00	32.1	5.2	127.80	9.2500	0.001
	9.00	32.4	5.6	127.83	8.3333	0.001
	10.00	32.9	6.0	127.86	7.6000	0.001
	11.00	33.4	6.6	127.88	7.0000	0.001
	12.00	34.9	8.1	127.91	6.5000	0.001
	13.00	35.4	8.5	127.93	6.0769	0.001
	14.00	36.6	9.8	127.96	5.7143	0.001
	15.00	37.0	10.2	127.98	5.4000	0.001
	16.00	37.5	10.7	128.03	5.1250	0.001
	17.00	38.1	11.2	128.07	4.8824	0.001
	18.00	38.7	11.8	128.09	4.6667	0.001
	19.00	39.3	12.4	128.12	4.4737	0.002
	20.00	40.9	14.1	128.14	4.3000	0.002
	21.00	41.3	14.4	128.17	4.1429	0.002
	22.00	43.7	16.8	128.21	4.0000	0.002
	23.00	44.1	17.2	128.23	3.8696	0.002
	24.00	44.6	17.8	128.26	3.7500	0.002
	25.00	45.4	18.5	128.30	3.6400	0.002
	26.00	46.1	19.3	128.32	3.5385	0.002
	27.00	47.9	21.0	128.35	3.4444	0.002

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DATE: 04/02/97 TIME: 21:25:57

	Time	Pressure PSI _g	delta P PSI _g	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
	28.00	48.5	21.6	128.38	3.3571	0.002
	29.00	49.2	22.3	128.40	3.2759	0.002
	30.00	50.1	23.2	128.44	3.2000	0.003
	31.00	51.7	24.8	128.46	3.1290	0.003
	32.00	52.5	25.6	128.50	3.0625	0.003
	33.00	53.5	26.7	128.52	3.0000	0.003
	34.00	54.4	27.5	128.55	2.9412	0.003
	35.00	55.3	28.4	128.58	2.8857	0.003
	36.00	56.3	29.5	128.61	2.8333	0.003
	37.00	57.5	30.6	128.63	2.7838	0.003
	38.00	58.6	31.7	128.65	2.7368	0.003
	39.00	59.8	32.9	128.68	2.6923	0.004
	40.00	61.1	34.3	128.71	2.6500	0.004
	41.00	62.6	35.7	128.74	2.6098	0.004
	42.00	64.1	37.3	128.76	2.5714	0.004
	43.00	65.8	39.0	128.80	2.5349	0.004
	44.00	67.8	40.9	128.82	2.5000	0.005
	45.00	69.9	43.1	128.85	2.4667	0.005
	46.00	72.4	45.6	128.88	2.4348	0.005
	47.00	74.0	47.1	128.90	2.4043	0.005
	48.00	77.1	50.2	128.93	2.3750	0.006
***** End Shut-in 2	49.00	81.2	54.3	128.95	2.3469	0.007
***** Final Hydro.	310.00	2559.5	0.0	129.26		

TEST HISTORY

9827 DST#1 Myrna Kay #1-28 Berexco Inc.

Flag Points

t (Min.) P (PSig)

A:	0.00	2588.58
B:	0.00	23.58
C:	34.00	26.26
D:	55.00	68.34
E:	0.00	26.94
F:	32.00	26.86
G:	49.00	81.17
Q:	0.00	2559.55

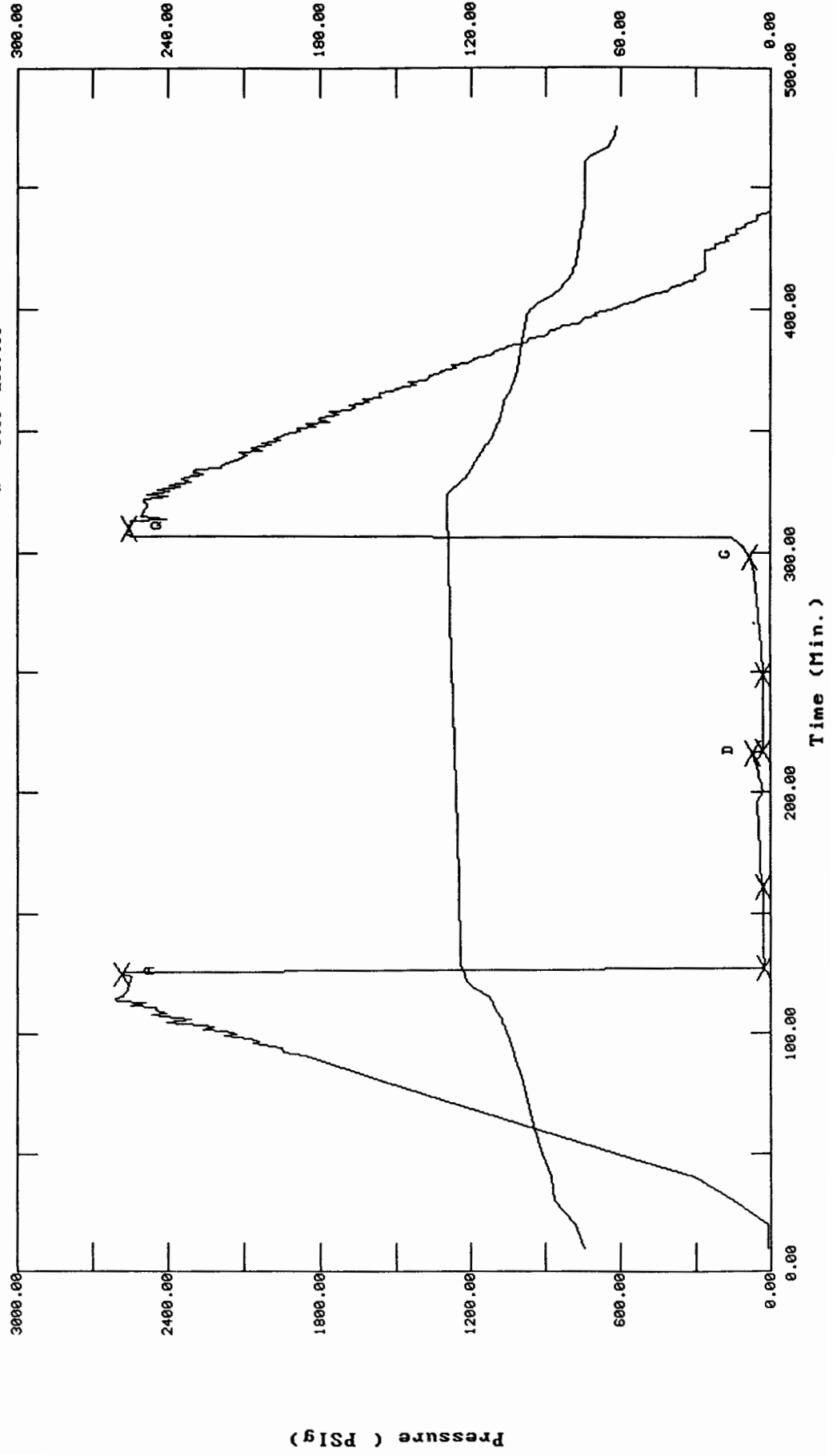
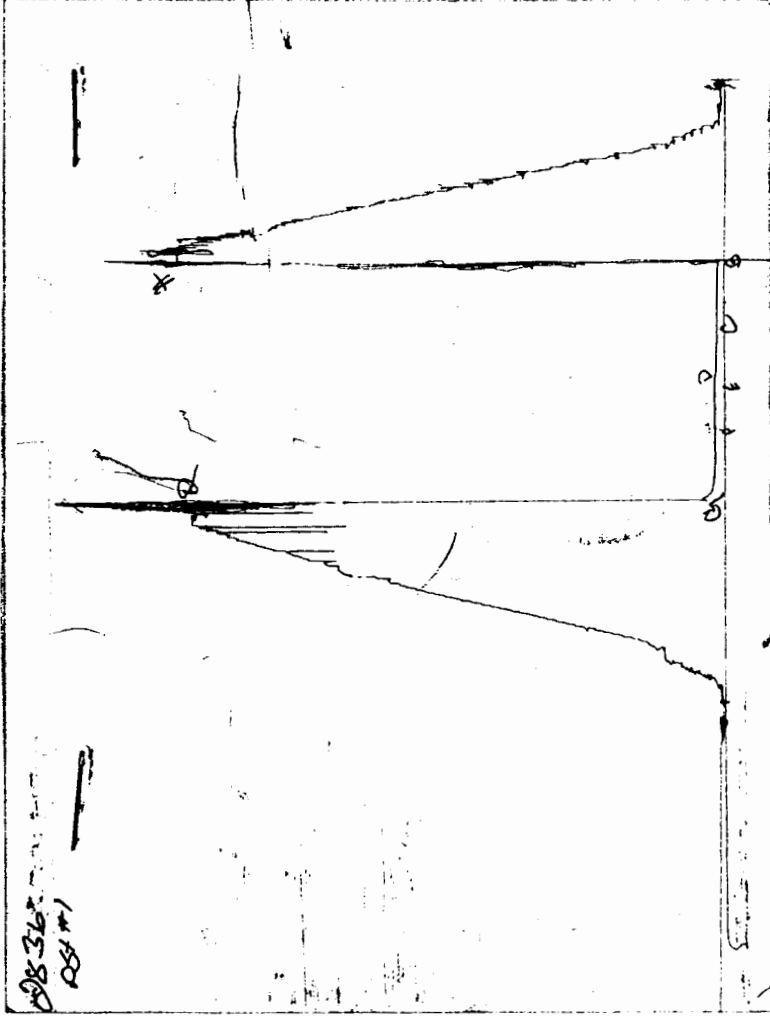


CHART PAGE



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 9827

Well Name & No. Myrna Kay #1-28 Test No. #1 Date 4-2-97
 Company Berco Inc. Zone Tested Keya's
 Address Wichita, KS. Elevation 3339 KB 3381 GL
 Co. Rep / Geo. Charlie Spadling Cont. Berco Ris #2 Est. Ft. of Pay 5 Por. %
 Location: Sec. 28 Twp. 30S Rge. 41W Co. Stanton State KS
 No. of Copies Distribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 5365 - 5380 Initial Str Wt./Lbs. 90,000 Unseated Str Wt./Lbs. 90,000
 Anchor Length 15' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 60,000
 Top Packer Depth 5360 Tool Weight 1,500
 Bottom Packer Depth 5365 Hole Size — 7 7/8" X Rubber Size — 6 3/4" X
 Total Depth 5380 Wt. Pipe Run Drill Collar Run 616'
 Mud Wt. 8.9 LCM Y Vis. 49 WL 2.4 Drill Pipe Size 4 1/2 X-0 Ft. Run 4750'
 Blow Description NO Blow

2nd opening NO Blow

Recovery — Total Feet	GIP	Ft. in DC	Ft. in DP
<u>5</u>	<u> </u>	<u>5</u>	<u> </u>
Rec. <u>5</u> Feet Of <u>Drily mud</u>	%gas	%oil	%water <u>100</u> %mud
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water <u> </u> %mud
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water <u> </u> %mud
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water <u> </u> %mud
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water <u> </u> %mud

BHT 123 °F Gravity °API D@ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides 1,000 ppm System

(A) Initial Hydrostatic Mud	<u>2588</u> <u>2713</u>	PSI	Recorder No. <u>3405</u>	T-Started <u>9:15 pm</u>
(B) First Initial Flow Pressure	<u>23</u> <u>25</u>	PSI	(depth) <u>5369</u>	T-Open <u>11:29 pm</u>
(C) First Final Flow Pressure	<u>26</u> <u>25</u>	PSI	Recorder No. <u>2836</u>	T-Pulled <u>2:29 pm</u>
(D) Initial Shut-in Pressure	<u>68</u> <u>34</u>	PSI	(depth) <u>5377</u>	T-Out <u>5:25 AM</u>
(E) Second Initial Flow Pressure	<u>26</u> <u>42</u>	PSI	Recorder No. <u> </u>	
(F) Second Final Flow Pressure	<u>26</u> <u>42</u>	PSI	(depth) <u> </u>	
(G) Final Shut-in Pressure	<u>81</u> <u>85</u>	PSI	Initial Opening <u>30 min</u>	Test <input checked="" type="checkbox"/> <u>Conventional</u>
(H) Final Hydrostatic Mud	<u>2559</u> <u>2485</u>	PSI	Initial Shut-in <u>60 min.</u>	Jars <input checked="" type="checkbox"/>
<u>Alpic</u>	<u>AK-1</u>		Final Flow <u>30 min</u>	Safety Joint <input checked="" type="checkbox"/>
			Final Shut-in <u>60 min.</u>	Straddle <u> </u>
				Circ. Sub <input checked="" type="checkbox"/> <u>N/C</u>
				Sampler <u> </u>
				Extra Packer <input checked="" type="checkbox"/> <u>Shale Packer</u>
				Elect. Rec. <u> </u>
				Other <u> </u>

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
Our Representative Mike Clark

TOTAL PRICE \$