

FORM MUST BE TYPED

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

CONFIDENTIAL SIDE ONE

API NO. 15- 129-214530000

County Morton
SW - SW - SW Sec 32 Twp 32S Rge 41 E
X W

OPERATOR: License # 5363
Name: BEREXCO, Inc
Address: 100 N. Broadway
Suite 970
City/State/Zip: Wichita, KS 67202

Purchaser: Redwing Gas Systems Inc

Operator Contact Person: Evan Mayhew

Phone: (316) 265-3311

Contractor: Beredco, Inc

License: 5147

Wellsite Geologist: David Lowe

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.
 Gas EHHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry; oil well info as follows:

Operator: _____

Well Name: _____

Comp. Date: _____ Old Total Depth: _____

Deepening Re-Perf Conv. to Inj/SWD
 Plug Back PBTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

03/07/97 03/22/97 05/06/97
Spud Date Date Reached TD Completion Date

330 Feet from S/N (circle one) Line of Section
330 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside section Corner:
NE, SE, NW, or SW (circle one)

Lease Name Krey Well # 2-36

Field Name Berryman Ext

Producing Formation Cherokee, Marmaton, KC-B

Elevation: Ground: 3409 KB: 3422

Total Depth 5740 PBTD 5694

Amount of Surface Pipe Set and Cemented at 1757 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 4138 Feet

If Alternate II completion, cement circulated from _____

Feet depth to _____ w/ _____ sx. cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit) ALT 1 DPW 6-29-98

Chloride Content 1100 ppm Fluid Volume 800 bbls

Dewatering method used Evaporation 7-29-97

Location of fluid disposal if hauled offsite: rec'd

Operator Name _____

Lease Name _____

Quarter _____ Sec _____ Twp _____ Rge _____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas, 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-2-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 with all plugged well. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

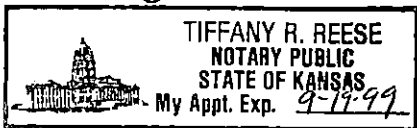
Signature Evan C Mayhew

Title DIVISION ENGR Date 7/25/97

Subscribed and sworn to before me this 25th day of July 19 97.

Notary Public Tiffany R. Reese

Date Commission Expires SEPTEMBER 19, 1999



K.C.C. OFFICE USE ONLY DENY 7-28-97 DPW
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

Form ACO-1 (7-91)

Operator Name BEREXCO, Inc
 Sec 32 Twp 32S Rge 41 East West

Lease Name Krey Well # 2-36
 County Morton

ORIGINAL

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressure, whether shut-in pressure reached static level, hydrostatic pressure, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy.)

List All E. Logs Run:
 Dual Induction Laterlog
 Microlog
 Compensated Neutron-Density Log

Log Formation (Top), Depth and Datum Sample
 Name Top Datum

RELEASED
JUN 19 1998
FROM CONFIDENTIAL

RECEIVED
 JUN 29 A 1:27
 1000 1000 1000 1000

CASING RECORD

New Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs/Ft	Setting Depth	Type Of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4	8 5/8	24#	1757	Mid Con Prem Plus	395 125	2%cc, 1/4# flocele none
Production	7 7/8	5 1/2	14# & 15.5#	5737	Mid Con Veraset	25 275	2%cc, 1/4# flocele 5% KCl, 5# gels
			DV tool	4138	Mid Con Veraset	70 220	2% cc, 1/4# flocele 5% KCl

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Remedial Perforate	3491	Class A	50	None
Protect Casing	3426	Class A	50	None
Plug Back TD	3170	Class A	75	None
Plug Off Zone	3104	Class A	50	2%cc

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	4510-14	400 gallons 15% HCL	4510-14
4	4272-76	950 gallons 15% HCL	4272-76
4	3959-64 & 3967-70	1500 gallons 15% HCL	3959-70

TUBING RECORD Size 2 3/8 Set At 3928 Packer At 3928 Liner Run Yes No

Date of First, Resumed Production, SWD or Inj 06/23/97 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimate Production Per 24 Hours: Oil 0 Bbls Gas 910 MCF Water 10 Bbls Gas-Oil Ratio _____ Gravity _____

METHOD OF COMPLETION

Disposition of Gas: Vented Sold Used on Lease Open Hole Perf Dually Comp Commingled Other (Specify) _____

Production Interval 3959-4514

CUSTOMER COPY



REMIT TO: P.O. BOX 951046 DALLAS, TX 75395-1046 Corporate FIN 73-0271280

INVOICE

HALLIBURTON ENERGY SERVICES A Division of Halliburton Company

Table with columns: INVOICE NO. (185708), DATE (03/23/1997)

Table with columns: WELL/LEASE NO./PROJECT (KREY 2-26), WELL/PROJECT LOCATION (MORTON), STATE (KS), OWNER (SAME), SERVICE LOCATION (LIBERAL), CONTRACTOR (BEREDCO), JOB PURPOSE (SHOWN BELOW), TICKET DATE (03/23/1997), ACCT NO. (069439), CUSTOMER AGENT (KENNY COLLINS), VENDOR NO., CUSTOMER P.O. NUMBER, SHIPPED VIA (COMPANY TRUCK), FILE NO. (22075)

BEREXCO P O BOX 723 HAYS, KS 67601

Well File ORIGINAL

DIRECT CORRESPONDENCE TO: P O BOX 1598 LIBERAL KS 67901

Main invoice table with columns: REFERENCE NO., DESCRIPTION, QUANTITY, UM, UNIT PRICE, AMOUNT. Includes items like MILEAGE CEMENTING ROUND TRIP, MULT STAGE CEMENTING, and INSERT VALVE.

***** CONTINUED ON NEXT PAGE *****

CONFIDENTIAL

AFFIX JOB TKY

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials.

CUSTOMER COPY



REMIT TO: P.O. BOX 951046 DALLAS, TX 75395-1046 Corporate FIN 73-0271280

INVOICE

HALLIBURTON ENERGY SERVICES A Division of Halliburton Company

INVOICE NO.	DATE
185708	03/23/1997

WELL LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER		
KREY 2-36	MORTON	KS	SAME		
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE		
LIBERAL	BEREXCO	SHOWN BELOW	03/23/1997		
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
069439	KENNY COLLINS			COMPANY TRUCK	22075

BEREXCO
P O BOX 723
HAYS, KS 67601

DIRECT CORRESPONDENCE TO:
P O BOX 1598
LIBERAL KS 67901

*Well
Fill*

ORIGINAL

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
	DISCOUNT-(BID)	20.0 %			490.00-
75 813.16511	PLUG SET - FREE FALL - 5-1/2 B	1 EA		840.00	840.00
	DISCOUNT-(BID)	20.0 %			169.00-
320 806.71430	BASKET-CMT-5 1/2 CSG X 17"OD	2 EA		104.00	208.00
	DISCOUNT-(BID)	30.0 %			62.40-
46 806.72730	CLAMP-LIMIT-5 1/2-FRICT-W/DOBS	1 EA		16.00	16.00
	DISCOUNT-(BID)	30.0 %			4.80-
350 690.10802	HALLIBURTON WELD-A	2 EA		16.75	33.50
	DISCOUNT-(BID)	30.0 %			10.05-
504-282	MIDCON-2 PREMIUM PLE	120 SK		17.04	2047.20
	DISCOUNT-(BID)	30.0 %			614.16-
504-043	CEMENT - PREMIUM	495 SK		13.70	6781.50
	DISCOUNT-(BID)	30.0 %			2034.45-
509-406	ANHYDROUS CALCIUM CHLORIDE	2 SK		40.75	81.50
	DISCOUNT-(BID)	30.0 %			24.45-
507-210	FLOCELE	154 LB		1.65	254.10
	DISCOUNT-(BID)	30.0 %			76.23-
508-095	VERSASET	419 LB		3.90	1634.10
	DISCOUNT-(BID)	30.0 %			490.23-

RELEASED
JUN 19 1998

FROM CONFIDENTIAL

CONFIDENTIAL

***** CONTINUED ON NEXT PAGE *****

AFFIX JOB TKT

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account plus all collection and court costs.

CUSTOMER COPY



REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046
Corporate FIN 73-0271280

INVOICE

HALLIBURTON ENERGY SERVICES
A Division of Halliburton Company

INVOICE NO.	DATE
185708	03/23/1997

WELL/LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER		
KREY 2-36	MORTON	KS	SAME		
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET, DATE		
LIBERAL	BEREXCO	SHOWN BELOW	03/23/1997		
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
069439	KENNY COLLINS			COMPANY TRUCK	22075

BEREXCO
P O BOX 723
MAYS, KS 67601

DIRECT CORRESPONDENCE TO:

P O BOX 1598
LIBERAL KS 67901

Well File

ORIGINAL

RECEIVED
MAY 29 1997
LIBERAL, KS

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
508-291	GILSONITE BULK	1375	LB	.40	550.00
	DISCOUNT-(BID)	30.0	%		165.00-
507-775	HALAD-322	279	LB	7.00	1,953.00
	DISCOUNT-(BID)	30.0	%		585.90-
508-002	POTASSIUM CHLORIDE	1319	LB	.27	356.13
	DISCOUNT-(BID)	30.0	%		106.83-
018-317	SUPER FLUSH	10	SK	100.00	1,000.00
	DISCOUNT-(BID)	30.0	%		300.00-
007-203	MULT STAGE CEMENTING-ADD HRS	3	HR	260.00	780.00
	DISCOUNT-(BID)	1	UNT		234.00-
500-207	BULK SERVICE CHARGE	663	CFT	1.35	895.05
	DISCOUNT-(BID)	30.0	%		268.51-
500-306	MILEAGE CMTG MAT DEL OR RETURN	929.81	TKI	1.05	976.30
	DISCOUNT-(BID)	30.0	%		292.89-

RELEASED

JUN 19 1998

JOB PURPOSE SUBTOTAL

27,236.18

INVOICE SUBTOTAL FROM CONFIDENTIAL

27,236.18

DISCOUNT-(BID)
INVOICE BID AMOUNT

27,841.84-
19,394.34

CONFIDENTIAL

***** CONTINUED ON NEXT PAGE *****

AFFIX JOB TKT

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

CUSTOMER COPY

REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046
Corporate FIN 73-0271280



INVOICE

HALLIBURTON ENERGY SERVICES
A Division of Halliburton Company

INVOICE NO.	DATE
185708	03/23/1998

WELL LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER		
KREY 2-36	MORTON	KS	SAME		
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE		
LIBERAL	BEREDCO	SHOWN BELOW	03/23/1998		
ACCT NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
069459	KENNY COLLINS			COMPANY TRUCK	22075

BEREXCO
P O BOX 723
HAYS, KS 67601

DIRECT CORRESPONDENCE TO:
P O BOX 1598
LIBERAL KS 67901

*Well
File*
ORIGINAL

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
	*-KANSAS STATE SALES TAX				690.54
	*-LIBERAL CITY SALES TAX				140.91
	*-SEWARD COUNTY SALES TAX				211.40

RELEASED

JUN 19 1998

FROM CONFIDENTIAL

CONFIDENTIAL

INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====> \$20,457.17

AFFIX JOB TKT

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.



HALLIBURTON ENERGY SERVICES

HAL-1906-P

CHARGE TO: BEREXCO, INC.
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

ORIGINAL - DUNCAN COPY TICKET

No. 185708 - 6

PAGE 1 OF 2

SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY/OFFSHORE LOCATION	DATE	OWNER
1. <u>25540</u>	<u>4-36</u>	<u>KREY</u>	<u>Monton</u>	<u>LA</u>	<u>Rollz</u>	<u>3-23-97</u>	
2. <u>25535</u>	<input checked="" type="checkbox"/> SERVICE	<input type="checkbox"/> YES	CONTRACTOR	RIG NAME/NO	SHIPPED VIA	DELIVERED TO	ORDER NO
3.	<input type="checkbox"/> SALES	<input checked="" type="checkbox"/> NO	<u>BEREXCO</u>	<u>#1</u>	<u>HES</u>	<u>Wellsite</u>	
4.	WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO	WELL LOCATION		
	<u>01</u>	<u>01</u>	<u>035</u>		<u>Land (36-32s-41w)</u>		
REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
<u>000-119</u>		<u>1</u>		<u>30</u>	<u>MILEAGE</u>	<u>EA</u>	<u>mi</u>	<u>120</u>	<u>mi</u>	<u>2.99</u>	<u>358.80</u>
<u>000-119</u>		<u>1</u>		<u>30</u>	<u>CREW mileage</u>	<u>EA</u>	<u>mi</u>	<u>120</u>	<u>mi</u>	<u>1.60</u>	<u>192.00</u>
<u>007-013</u>	<u>001-016</u>	<u>1</u>		<u>30</u>	<u>Pump Charge</u>	<u>6 hrs</u>		<u>5739</u>	<u>ft</u>		<u>2060.00</u>
<u>007-161</u>		<u>1</u>		<u>30</u>	<u>Pump Charge (misc)</u>	<u>6 hrs</u>		<u>4138</u>	<u>ft</u>		<u>1550.00</u>
<u>26</u>	<u>847.6318</u>	<u>1</u>		<u>30</u>	<u>Insert Float Shoe</u>	<u>1 EA</u>		<u>5 1/2</u>	<u>in</u>		<u>350.00</u>
<u>27</u>	<u>815.19311</u>	<u>1</u>		<u>30</u>	<u>Fillup Assy</u>	<u>1 EA</u>					<u>69.00</u>
<u>40</u>	<u>806.60022</u>	<u>1</u>		<u>30</u>	<u>Centralizers</u>	<u>30 EA</u>				<u>6.00</u>	<u>1800.00</u>
<u>71</u>	<u>813.56325</u>	<u>1</u>		<u>20</u>	<u>ES 'P' CEMENTER</u>	<u>1 EA</u>		<u>5 1/2</u>	<u>in</u>		<u>2450.00</u>
<u>75</u>	<u>813.16511</u>	<u>1</u>		<u>20</u>	<u>Plug set 888</u>	<u>1 EA</u>		<u>5 1/2</u>	<u>in</u>		<u>840.00</u>
<u>320</u>	<u>806.71430</u>	<u>1</u>		<u>30</u>	<u>Cement Basket</u>	<u>2 EA</u>		<u>5 1/2</u>	<u>in</u>	<u>104.00</u>	<u>208.00</u>
<u>66</u>	<u>806.72730</u>	<u>1</u>		<u>30</u>	<u>FAS GRIP CLAMP</u>	<u>1 EA</u>		<u>5 1/2</u>	<u>in</u>	<u>16.00</u>	<u>16.00</u>
<u>350</u>	<u>890.10802</u>	<u>1</u>		<u>30</u>	<u>Weld A</u>	<u>EA</u>	<u>lb</u>	<u>2</u>	<u>lbs</u>	<u>16.75</u>	<u>33.50</u>

ORIGINAL

RELEASED

JUN 19 1998

FROM CONFIDENTIAL

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

DATE SIGNED: Kenny Collins TIME SIGNED: _____
 A.M. P.M.
 do not require IPC (Instrument Protection). Not offered

SUB SURFACE SAFETY VALVE WAS:
 PULLED & RETURN PULLED RUN

TYPE LOCK	DEPTH
BEAN SIZE	SPACERS
TYPE OF EQUALIZING SUB.	CASING PRESSURE
TUBING SIZE	TUBING PRESSURE & WELL DEPTH
TREE CONNECTION	TYPE VALVE

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	AGREE	UN-DECIDED	DIS-AGREE
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOBS AND PERFORMED JOBS CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	

CUSTOMER WILL RESPOND

PAGE TOTAL: 9927.30

FROM CONTINUATION PAGE(S): 1730888

SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE: 27236.18

TOTAL: 19394.134

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT)	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE)	HALLIBURTON OPERATOR/ENGINEER	HALLIBURTON APPROVAL
<u>Kenny Collins</u>	<u>Kenny Collins</u>	<u>Tom Payer</u>	<u>Ornell Nicholas *</u>



HALLIBURTON ENERGY SERVICES

TICKET CONTINUATION

ORIGINAL

TICKET No. 185708

FORM 1911 R-10

DDM

CUSTOMER
Rexco INC.

WELL
Krey 4-36

DATE
3-22-97

PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
504-282 504-050	516.00275			30	Mideon Premium Plus	120		skcs		17.06	2047.20
504-050	516.00265										
507-285	70.15250										
508-127	516.00335										
504-043	516.00272				Premium Cement	495		skcs		13.70	6781.50
509-406	890.50812				Calcium Chloride 2% w/120 midcon	2		skcs		40.75	81.50
507-210	890.50071				Flocele 1/4# w/all	154		lbs		1.65	254.10
508-095	516.00789				Versaset .9% w/495 premium	419		lbs		3.90	1634.10
508-291	516.00337				Gilsonite 5# w/275 premium	1375		lbs		.40	550.00
507-775	516.00144				Halad-322 .6% w/275 495 premium	279		lbs		7.00	1953.00
508-002	70.15302				Potassium Chloride 5% w/495 premium	1319		lbs		.27	356.13
018-317		1			Super Flush	EA	10	skcs		100.00	1000.00
007-203		1			Additional hours	EA	3	hrs		260.00	780.00
500-207					SERVICE CHARGE			CUBIC FEET	663	1.35	895.05
500-306					MILEAGE CHARGE			TON MILES	929.81	1.05	976.30
					TOTAL WEIGHT	61987		LOADED MILES	30		

CONFIDENTIAL

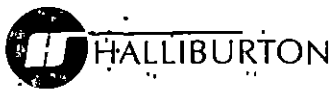
ORIGINAL

FROM CONFIDENTIAL

RELEASED
JUN 19 1998

No. B 389168

CONTINUATION TOTAL 17308.88



JOB SUMMARY

HALLIBURTON DIVISION

HALLIBURTON LOCATION

Mid Continent
Liberal KS

BILLED ON TICKET NO.

185708

WELL DATA

FIELD _____ SEC 36 TWP 37S RNG 41W COUNTY Morton STATE KS

FORMATION NAME _____ TYPE _____
 FORMATION THICKNESS _____ FROM _____ TO _____
 INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
 PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
 COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____
 PACKER TYPE _____ SET AT _____
 BOTTOM HOLE TEMP. _____ PRESSURE _____
 MISC. DATA DV tool TOTAL DEPTH 4138

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	15.5	5 1/2	KB	5739	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES			
TYPE AND SIZE	QTY.	MAKE	
FLOAT COLLAR <u>L.D. Baffle 5 1/2</u>	<u>1</u>	<u>Homed</u>	
FLOAT SHOE <u>INVERT</u>	<u>1</u>		
GUIDE SHOE			
CENTRALIZERS <u>7 7/8</u>	<u>30</u>		
BARROWERS <u>Weld A</u>	<u>2</u>		
TRAILING <u>Plug set</u>	<u>1</u>		
HEAD <u>P.C.</u>	<u>1</u>		
PACKER <u>MCA "P"</u>	<u>1</u>		
OTHER <u>BASKET</u>	<u>2</u>		

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>3-22-97</u>	DATE <u>3-22-97</u>	DATE <u>3-23-97</u>	DATE <u>3-23-97</u>
TIME <u>2:00</u>	TIME <u>00:30</u>	TIME <u>11:21</u>	TIME <u>16:59</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION

ORIGINAL CONFIDENTIAL

MATERIALS			
TREAT. FLUID	DENSITY	LB./GAL. API	
DISPL. FLUID	DENSITY	LB./GAL. API	
PROP. TYPE	SIZE	LB.	
PROP. TYPE	SIZE	LB.	
ACID TYPE	GAL.	%	
ACID TYPE	GAL.	%	
ACID TYPE	GAL.	%	
SURFACTANT TYPE	GAL.	IN	
NE AGENT TYPE		IN	
FLUID LOSS ADD. TYPE	GAL.-LB.	IN	
GELLING AGENT TYPE	GAL.-LB.	IN	
FRIC RED. AGENT TYPE	GAL.-LB.	IN	
BREAKER TYPE	GAL.-LB.	IN	
BLOCKING AGENT TYPE		IN	
PERFPAC BALLS TYPE		QTY.	
OTHER			
OTHER			

DEPARTMENT Cement 5001
 DESCRIPTION OF JOB Multi. stage Long string
 JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.
 CUSTOMER REPRESENTATIVE X. Kenney Collins
 HALLIBURTON OPERATOR Tom Poyer COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1st</u>	<u>25</u>	<u>Pt Midcon 222</u>		<u>B</u>	<u>2% CC, 1/4 %/sk Floccs</u>	<u>1.84</u>	<u>13.2</u>
	<u>275</u>	<u>PREMIUM</u>		<u>B</u>	<u>.9% VERSASAT, 5% GILBERT, 5% KCL, 1% HALAD</u>	<u>1.44</u>	<u>14.5</u>
<u>2nd</u>	<u>10</u>	<u>Pt Midcon 222</u>		<u>B</u>	<u>2% CC, 1/4 %/sk Floccs</u>	<u>1.84</u>	<u>13.2</u>
	<u>220</u>	<u>PREMIUM</u>		<u>B</u>	<u>.9% VERSASAT, 5% KCL, 1% HALAD 222</u>	<u>1.41</u>	<u>14.4</u>

PRESSURES IN PSI

SUMMARY

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH 8/10/8 - 10 2 1/2 TYPE _____
 BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL. BBL.-GAL. 139 + 101
 SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____ CEMENT SLURRY 8+70 2nd 23+55
 HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____

REMARKS

ORDERED _____ AVAILABLE _____ USED _____
 AVERAGE RATES IN BPM _____
 TREATING _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 FEET 43.11 REASON Shoe Joint

CUSTOMER: BPCXCO LEASE: JAEH WELL NO: JOB TYPE: 22

JOB LOG HAL-2013-C

CUSTOMER BEREXCO	WELL NO. 4-36	LEASE KREY	JOB TYPE 035 DYLS.	TICKET NO. 185708
----------------------------	-------------------------	----------------------	------------------------------	-----------------------------

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2100							Called out - Requested 0200 EST.
	0030							ON LOC - L.D.D.P.
	0630							RUN CSG - 113 Jts 14" 25 Jts 15 1/2"
	0730							RUN D.V. tool - S.O.# 43072
	1010							ON Bottom
	1020							Hook-up to circ.
	1040				✓		0/50	Plug RAT
	1055				✓		0/30	Plug mouse
	1117							Hook-up to cmt.
	1121	0-2	8		✓		10/180	Pump H ₂ O
	1124	2-3	10		✓		180	Pump SUPER FLUSH
	1127	3	8		✓		250	Pump H ₂ O
	1130	3-4	8		✓		250/300	Pump lead cmt.
	1131	4-5	70		✓		300	Pump tail cmt.
	1148	5-0					300/0	Shut Down - Drop plug - washing tek
	1151	0-6	40		✓		9/100	Pump H ₂ O
	1157	6	99		✓		1250/800	Pump mud
	1210	6-2			✓		800	Reduce RATE
	1212	2-0			✓		850/1450	Plug Down
	1213				✓		1450/0	Release Press. - Plug latched
	1222				✓			Drop opening plug
	1234	0-2	5		✓		10/750	OPEN MSC
								Hookup to circ. 2 Rig
								Approx: 3 bbls to SURFACE
								RELEASED
								JUN 19 1998
	1615							Hook up to cmt. - 2 ND STAGS
	1620	0-2	10				10/50	Pump H ₂ O
	1624	2-4	23		✓		150/150	Pump lead cmt.
	1630	4-7	55		✓		150	Pump tail cmt.
	1638	7-0					150/0	Shut down - Drop plug - wash up tek.
	1643	0-7	101		✓		0/1000	Pump H ₂ O
	1656	7-3			✓		1000/850	Reduce RATE
	1658	3-0			✓		850/1200	Plug Down
	1659				✓		2200/0	Release Press. - Tool "closed"
								Release from Loc.
								Good Returns @ mud
								THANK YOU!
								Tom + Elwood + DAWNY + CREW

CONFIDENTIAL

ALLIED CEMENTING CO., INC.

5353

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

Will Fill

SERVICE POINT:

Oakley

DATE <i>4/17/97</i>	SEC. <i>36</i>	TWP. <i>32s</i>	RANGE <i>4W</i>	CALLED OUT	ON LOCATION <i>7:30 AM</i>	JOB START <i>11:00 AM</i>	JOB FINISH <i>4:00 PM</i>
LEASE <i>Krey</i>	WELL # <i>2</i>	LOCATION <i>Ritchfield 1/2 E 2s 2E S/S</i>		COUNTY <i>Morton</i>	STATE <i>KS</i>		

OLD OR NEW (Circle one)

CONTRACTOR _____

TYPE OF JOB *Saucer*

HOLE SIZE _____ T.D. _____

CASING SIZE *5 1/2* DEPTH _____

TUBING SIZE *2 3/8* DEPTH *3480*

DRILL PIPE _____ DEPTH _____

TOOL *Retainer* DEPTH *3490*

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. *3480*

OWNER *Samc*

CEMENT

AMOUNT ORDERED _____

50 sks Class A

COMMON	<i>50 sks</i>	@	<i>7.20</i>	<i>360.00</i>
POZMIX		@		
GEL		@		
CHLORIDE		@		
		@		
		@		
		@		
		@		
HANDLING	<i>50 sk</i>	@	<i>1.05</i>	<i>52.50</i>
MILEAGE	<i>50 x .04 x 50</i>			<i>100.00</i>

EQUIPMENT

PUMP TRUCK CEMENTER *Max*

102 HELPER *Walt*

BULK TRUCK _____

311 DRIVER *George*

BULK TRUCK _____

_____ DRIVER _____

ORIGINAL TOTAL *512.50*

JUN 19 1998

REMARKS: FROM CONFIDENTIAL

SERVICE

Take Injection Rate 1 1/4 BBL/min @ 1000 PSI

Mix 50sks cement Displace 13 1/2 BBL string out of

Retainer Trip Thru out PKK Problems

Crew Released @ 4:00 PM

DEPTH OF JOB	<i>3480</i>		
PUMP TRUCK CHARGE			<i>1030.00</i>
EXTRA FOOTAGE		@	<i>142.50</i>
MILEAGE	<i>50 mi</i>	@	<i>2.85</i>
PLUG		@	
<i>Saucer Manifest</i>		@	<i>75.00</i>
		@	

TOTAL *1172.50*

CHARGE TO: *Berexco Inc*

STREET *P.O. Box 723*

CITY *Hays* STATE *Kan* ZIP *67601*

CONFIDENTIAL

FLOAT EQUIPMENT *1172.50*

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE *Shay M. [Signature]*

TAX _____

TOTAL CHARGE *1674.50*

DISCOUNT *257.19* IF PAID IN 30 DAYS

327 4 14 28

ALLIED CEMENTING CO., INC.

5354

REMIT TO: P.O. BOX 31 RUSSELL, KANSAS 67665 *Will fill* SERVICE POINT: *Oakley*

DATE <u>4/18/97</u>	SEC. <u>36</u>	TWP. <u>32S</u>	RANGE <u>41W</u>	CALLED OUT	ON LOCATION <u>9:00 AM</u>	JOB START <u>10:30 AM</u>	JOB FINISH <u>6:00 AM</u>
LEASE <u>Krey</u>	WELL# <u>2</u>	LOCATION <u>Ritchfield S.E. 2S 2E S1S</u>			COUNTY <u>Morton</u>	STATE <u>KS</u>	

OLD OR (NEW) (Circle one)
 CONTRACTOR _____ OWNER Same

TYPE OF JOB Sauce CEMENT
 HOLE SIZE _____ T.D. _____
 CASING SIZE 5 1/2 DEPTH _____ AMOUNT ORDERED 1 sack 25# FL-10
 TUBING SIZE _____ DEPTH _____ 125 SKS CLASS A

DRILL PIPE 2 3/4 DEPTH _____
 TOOL Retainer DEPTH 3415 3075
 PRES. MAX 1500 MINIMUM 50 COMMON 125 @ 7.20 900.00
 MEAS. LINE _____ SHOE JOINT _____ POZMIX _____ @ _____
 CEMENT LEFT IN CSG. _____ GEL _____ @ _____
 PERFS. 34.26 317.0 CHLORIDE 1 SKS @ 28.00 28.00
FL-10 25# @ 7.25 181.25

EQUIPMENT
 PUMP TRUCK CEMENTER Max
 # 102 HELPER Walt
 BULK TRUCK # 311 DRIVER George HANDLING 125 @ 1.05 131.25
 BULK TRUCK # _____ MILEAGE 7.25 x 104 x 50 250.00
 DRIVER _____ TOTAL 1490.50

ORIGINAL

RELEASED

JUN 19 1998

SERVICE

REMARKS:
 Load ANN 500 PSI Take Injection Rate FROM DEPTH OF JOB 3415 FT
 Mine 450 Mix 50 SKS amt 290 cc Displac 12K PUMP TRUCK CHARGE 1030.00
 KBL Trip Top out Trip. PKN IN Pressure ANN EXTRA FOOTAGE @ _____
 500 PSI Take injection 3 064 mix @ 900 mix MILEAGE @ _____
 30 SKS amt with 490 FL-10 + 45 SKS, Class A. Displace PLUG @ _____
 1300L 300 PSI Sauce @ Release Top Pry Sauce @ 75.00
~~1300L 300 PSI~~ Re-use Top Clean Pull 500 PSI Pressure to 500 PSI Close in

CONFIDENTIAL

TOTAL 1030.00

CHARGE TO: Berexco Inc
 STREET PO Box 723
 CITY High STATE KS ZIP 67106

FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____

TOTAL _____

TAX _____
 TOTAL CHARGE 2595.50
 DISCOUNT 389.33 IF PAID IN 30 DAYS

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Shay m. Davis

3234 4 33 11 1998

ALLIED CEMENTING CO., INC.

5357

REMIT TO: P.O. BOX 31
RUSSELL, KANSAS 67665

Will Fill

SERVICE POINT:

Oakley

DATE <u>4/29/97</u>	SEC. <u>36</u>	TWP. <u>32S</u>	RANGE <u>41W</u>	CALLED OUT	ON LOCATION <u>10:30 AM</u>	JOB START <u>11:15</u>	JOB FINISH <u>3:00 PM</u>
LEASE <u>Krey</u>	WELL # <u>2</u>	LOCATION <u>Ritch Field E.E. 25. 2E 15 E 15</u>		COUNTY <u>Morton</u>	STATE <u>KS</u>		

OLD OR NEW (Circle one)

CONTRACTOR _____ OWNER Sam

TYPE OF JOB Squeeze CEMENT

HOLE SIZE _____ T.D. _____

CASING SIZE 5 1/4 DEPTH ABT 3150 AMOUNT ORDERED 1 SK gel 1 SK CE

TUBING SIZE 2 3/4 DEPTH 3000 50 SK Class A

DRILL PIPE _____ DEPTH _____

TOOL PKA DEPTH 3000

PRES. MAX 1200 MINIMUM 50 COMMON 50 SK @ 7.20 = 360.00

MEAS. LINE _____ SHOE JOINT _____ POZMIX _____

CEMENT LEFT IN CSG. _____ GEL 1 SK @ 9.50 = 9.50

PERFS. 3/05 CHLORIDE 1 SK @ 28.00 = 28.00

EQUIPMENT

PUMP TRUCK CEMENTER Max

102 HELPER Walt

BULK TRUCK _____

2/2 DRIVER LONNIE

BULK TRUCK _____

_____ DRIVER _____

COMMON	50 SK @ 7.20	360.00
POZMIX	@	
GEL	1 SK @ 9.50	9.50
CHLORIDE	1 SK @ 28.00	28.00
	@	
	@	
	@	
HANDLING	50 SK @ 1.05	52.50
MILEAGE	50 x .04 x 50	100.00
		TOTAL <u>550.00</u>

ORIGINAL

REMARKS:

RELEASED
JUN 19 1998

SERVICE

TEST ABT 800 PSI Hold Turn Hole
Spot 1 SK gel @ 3147 Pullup 50 SK PKA
Pressure ABT 500 PSI Take injection Rate 2
BBL/min @ 900 PSI Mix 2.5 SK 290 cc + 2.5 SK
Neat Displace 11 BBL Press. 1200 PSI
Release Pres. Hold Reverse thg claw pull
5 SK. Test to 1000 PSI Hold

DEPTH OF JOB	<u>3105</u>
PUMP TRUCK CHARGE	<u>1030.00</u>
EXTRA FOOTAGE	@
MILEAGE	<u>50 mi @ 2.85 = 142.50</u>
PLUG	@
Squeeze Manifold	@ <u>75.00</u>

CHARGE TO: Berex Co Inc
STREET P.O. Box 723
CITY Hays STATE Kan ZIP 67601

CONFIDENTIAL

TOTAL 1247.50

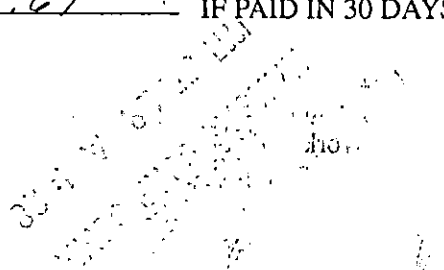
FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
		TOTAL _____

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX	_____
TOTAL CHARGE	<u>1797.50</u>
DISCOUNT	<u>269.63</u> IF PAID IN 30 DAYS

SIGNATURE [Signature]





CHARGE TO
 ADDRESS *Benedicta Dely*
 CITY STATE ZIP CODE

ORIGINAL - DUNCAN COPY TICKET
 No. 185550 - [?]
 PAGE 1 OF 1

WELL LOCATIONS
 5540 *Kinsal Ks*
 5535 *Hogten Ks*

WELL PROJECT NO. *1#*
 LEASE *Krey*
 COUNTY PARISH *Marion*
 STATE *Ks*
 CITY OFFSHORE LOCATION *6579 33000*
 DATE *3-8-97*
 OWNER *Benedicta*

TICKET TYPE SERVICE JOB YES NO
 SALES NO

CONTRACTOR *Benedicta Dely*
 FIG. NAME NO. *Benedicta Dely*
 SHIPPED VIA *Local*
 DELIVERED TO *3:28*
 ORDER NO.

WELL TYPE
 WELL CATEGORY *0101*
 WELL PURPOSE *010 8 5/8 SURFACE*
 WELL PERMIT NO.
 WELL LOCATION *W/O of Kinsal Ks*

INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
10-117		1		35	MILEAGE	100	miles			2.99	299
10-119		1			<i>Krew Mileage</i>	100	miles			1.60	160
1-016		1			<i>Prop charge</i>	17.58	ft				1360
2-018		1			<i>5th Top Bg</i>	1	End	8 5/8		130	130
12A	825-217	1			<i>Exclosure</i>			1	EA	216	216
24A	815-19502	1			<i>Insect Plant</i>	24	#	1	EA	221	221
27	815-19411	1			<i>Earth</i>			1	EA	64	64
41	806-61048	1			<i>Centers</i>	2	EA			61	122

CONFIDENTIAL

TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

Kenny Collins
 SIGNED TIME SIGNED A.M. P.M.

No Yes Not offered

SUB SURFACE SAFETY VALVE WAS
 PULLED & RETURN PULLED RUN

TYPE LOCK DEPTH
 BEAN SIZE SPACERS
 TYPE OF EQUALIZING SUB CASING PRESSURE
 TUBING SIZE TUBING PRESSURE WELL DEPTH
 FREE CONNECTION TYPE VALVE

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?
 WE UNDERSTOOD AND MET YOUR NEEDS?
 OUR SERVICE WAS PERFORMED WITHOUT DELAY?
 WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?
 ARE YOU SATISFIED WITH OUR SERVICE?
 YES NO

CUSTOMER DID NOT WISH TO RESPOND

AGREE	UN DECIDED	DIS AGREE	PAGE TOTAL	2572
			FROM CONTINUATION PAGE(S)	10805 39
				13377 39
			SUB-TOTAL APPLICABLE TAXES WILL BE ADDED TO INVOICE	8695 20

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: The customer hereby acknowledges receipt of the materials and services listed on this ticket.

OPERATOR OR CUSTOMER'S AGENT (PLEASE PRINT) *Kenny Collins* CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) *Kenny Collins* HALLIBURTON OPERATOR/ENGINEER *Wanda Dunsberry* EMP # *59179* HALLIBURTON APPROVAL *Wanda 35%*



HALLIBURTON

TICKET CONTINUATION

TICKET No. 185550

HALLIBURTON ENERGY SERVICES

CUSTOMER: Dn Beredoo Drilling; WELL: Krey #1; DATE: 3-8-97; PAGE: 1 OF 1

1911 R-10

REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT	
		LOC	ACCT	OF			U/M				
74-050	516.00265			35	Premium Plus	125	sk	14	01	1751	25
74-282					Mickon Premium Plus	393	sk	17	06	6738	50
77-285	70.15250										
78-127	516.00335										
77-210	890.50071				Flocele 1/4"/395	198	lb	1	65	326	70
79-406	890.50812				Calcium Chloride 3/8"/395 2 3/4"/125	13	sk	40	75	529	75

ORIGINAL

RELEASED

JUN 19 1998

FROM CONFIDENTIAL

CONFIDENTIAL

FAX NO.: 316 624 5478

FROM: HALLIBURTON LIBERRL

207					SERVICE CHARGE						781	65
306					MILEAGE CHARGE						75	30
					TOTAL WEIGHT	51603	LOADED MILES	25			677	29
						1068					65	60

0. B 389090

CONTINUATION TOTAL 10805.34

CONFIDENTIAL

FROM: HALL/BURTON LIBERAL FAX NO: 316 624 3478 LOCATION: NE SCRA 07-25-97 03:59P P.84 TICKET NO. 123300

WELL DATA

FIELD _____ SEC _____ TWP _____ RNG _____ COUNTY Mocton STATE Ks

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS: FROM _____ TO _____

INITIAL PROD. OIL _____ BPO. WATER _____ BPO. GAS _____ MCFD

PRESENT PROD. OIL _____ BPO. WATER _____ BPO. GAS _____ MCFD

COMPLETION DATE _____ MUD TYPE _____ MUD WT _____

PACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP _____ PRESSURE _____

MISC DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING		<u>2 7/8</u>	<u>8 7/8</u>	<u>KR</u>	<u>1758</u>	<u>20</u>
LINER						
TUBING						
OPEN HOLE			<u>12 1/4</u>	<u>GL</u>	<u>1759</u>	SHOTS/FT
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES		
TYPE AND SIZE	QTY	MAKE
<u>8 7/8" Javelin Float</u>	<u>1</u>	<u>HANCO</u>
<u>Fillup Plug</u>	<u>1</u>	
<u>Centralizers</u>	<u>2</u>	
<u>Bottom Plug</u>		
<u>Top Plug</u>	<u>1</u>	
<u>Head</u>	<u>1</u>	
<u>Packer</u>		
<u>Other</u>		

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>3-8-97</u> TIME <u>1730</u>	DATE <u>3-8-97</u> TIME <u>2030</u>	DATE <u>3-9-97</u> TIME <u>0020</u>	DATE <u>3-9-97</u> TIME <u>0200</u>

PERSONNEL AND SERVICE UNITS		
NAME	UNIT NO. & TYPE	LOCATION
<u>Clark</u>	<u>59179</u>	<u>7920041 Libach</u>
<u>T. Matthews</u>	<u>52335</u>	<u>178002 A</u>
<u>Daeping</u>	<u>H2441</u>	<u>4037/6612 Houston</u>

MATERIALS

TREAT FLUID _____ DENSITY _____ LB/GAL @ 60°F

DASPL FLUID _____ DENSITY _____ LB/GAL @ 60°F

PROP. TYPE _____ SIZE _____ LB.

ACID TYPE _____ GAL.

SURFACTANT TYPE _____ GAL.

NE AGENT TYPE _____ GAL.

FLUID LOSS ADD. TYPE _____ GAL-LB. IN.

GELLING AGENT TYPE _____ GAL.

PHIL. MED. AGENT TYPE _____ GAL-LB. IN.

BREAKER TYPE _____ GAL-LB. IN.

BLOCKING AGENT TYPE _____ GAL-LB. IN.

PERFAC BALLS TYPE _____ QTY

OTHER _____

ORIGINAL

DEPARTMENT Cement

DESCRIPTION OF JOB 8 7/8" SLEEVE

JOB DONE THRU TUBING CASING ANNULUS ISG. ANN

CUSTOMER REPRESENTATIVE X Kenny Collins

HALLIDURTON OPERATOR Dennis Lee COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF BAGS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK	MIXED LBS./GAL.
	<u>395</u>	<u>Mud Care</u>	<u>Beam+</u>		<u>3% CC 1/2" Flocc</u>	<u>3.22</u>	<u>14.1</u>
	<u>125</u>	<u>Beam Plus</u>			<u>2% CC</u>	<u>1.32</u>	<u>14.8</u>

PRESSURES IN PSI SUMMARY VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PERFORM. BBL-GAL. _____ TYPE _____

BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN. BBL-GAL. _____ PRO. BBL-GAL. _____

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT. BBL-GAL. _____ DISPL. BBL-GAL. 109.24

SHUT-IN: INSTANT _____ 3-MIN _____ 15-MIN _____ CEMENT SLURRY: BBL-GAL. 255.90

HYDRAULIC HORSEPOWER _____ TOTAL VOLUME BBL-GAL. _____

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET 4324 REASON Shoe Joint

FIELD OFFICE

CUSTOMER: See order LEASE: 1221 WELL NO: _____ JOB TYPE: X 7/8" SLEEVE DATE: 3-9-97

CONFIDENTIAL

FROM: HALLIBURTON LIBERAL

FAX NO: 316 624 3478 HALLIBURTON

07-25-97 04:00P P.05

JOB LOG HALL 2013-C

DATE 3-9-97

PAGE NO.

CUSTOMER: *Bersasco Del* WELL NO: *1#* LEASE: *Keey* JOB TYPE: *8 1/2 SURFACE* TICKET NO: *185550*

CHART NO.	TIME	RATE (GPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1730							Time Colled
	1800	2030						Time Ready
	2030							Time out of Rig Circulate on Bottom
								Start Pumping Casing
	0020							Casing in Hole
	0026							Hook up to Circulate Casing
	0028							Circulate Casing w/ air Pump
	0030							Circulate Mud to Ground Level
	0050							Hook up to Pump Truck
	0055	6.9						250 Start Mixing Cement
	0125		226.52					275 Start Tail Cement
	0131		29.38					300 Finish Mixing Cement
	0132		25550					30% Shut Down Drop Rig
	0133	6						Start Displacement
		4.0	109.24					wash Pumps & Lines
	0200							Rig Down
								Float held & Circulate Sensors to the PT 22.33% 38%

RELEASED

JUN 19 1998

FROM CONFIDENTIAL

ORIGINAL

Thanks for calling Halliburton Energy Services
Overton
Crew

ORIGINAL

DBL Consulting Geologists
6631 Longmont
Wichita, KS 67219-1509
(316) 744-1931
Fax: (316) 744-1931

CONFIDENTIAL

March 27, 1997

GEOLOGICAL REPORT

BEREXCO INC. Krey #2-36

SW SW SW Section 36, Township 32 South, Range 41 West

Morton County, Kansas

✓ API 15-129-21453

Spud date: March 8, 1997
T.D. date: March 21, 1997

Elevation: 3422 KB
3420 DL
3409 GL

RELEASED

JUN 19 1998

FROM CONFIDENTIAL

RECEIVED
KANSAS CITY
JUN 29 1998

Structural Comparison Well:

Surface to Middle Morrow Sand - Anadarko Production Company
Going #B-1
C NW SE
35-32S-41W
3426 KB, 3425 DF, 3418 GL

Middle Morrow Sand to total depth- Panhandle Eastern Pipeline Company
Going #2-35
SE NW NE
35-32S-41W
3415 GL

<u>Formation</u>	<u>Sample Tops</u>	<u>Log Tops (Datum)</u>	<u>Structural position to offset wells</u>
Chase	2160	2185 (+1237)	-37
Winfield	2231	2251 (+1171)	-47
Council Grove	2498	2557 (+865)	-74
Wabaunsee	2872	2862 (+560)	-5
Topeka Lime	3113	3094 (+328)	+1
1st Topeka Porosity	3148	3130 (+292)	+2
B/Heebner	3520	3508 (-86)	+10
Lansing	3619	3608 (-186)	+6
Kansas City	3763	3764 (-342)	-13
Lenapah	4207	4198 (-776)	Flat
Altamont	4261	4252 (-830)	+2

Pawnee	4347	4340	(-918)	-1
Fort Scott	4384	4378	(-956)	+2
Cherokee	4409	4402	(-980)	+4
Atoka	4588	4592	(-1170)	-8
Morrow C.P.	4714	4700	(-1278)	+12
Middle Morrow Sand	4817	4821	(-1399)	+5
Lower Morrow Lime	4973	4976	(-1554)	+67
Lower Morrow Sand				
1st Sand	4989	4984	(-1562)	+111
2nd Sand	5026	5016	(-1594)	+117
3rd Sand	5050	5044	(-1622)	+111
Keyes Sand	5115	5112	(-1690)	+77
Chester	5145	5146	(-1724)	+74
Ste. Genevieve	5187	5184	(-1762)	+79
St. Louis	5196	5196	(-1774)	+113
Spergen	5415	5408	(-1986)	+149
Warsaw	5559	5562	(-2140)	+141
Osagian	5629	5632	(-2210)	+135
T.D.	5740	5733	(-2311)	

62-1 V 13 137 100
 11113 11113 11113 11113 11113

Zones of interest and shows of oil or gas (Electric log depths)

Topeka 3094 (+328)

Limestone, light gray, very fine crystalline, abundant fossils, no visible porosity.

3130 - 3145

Limestone, light gray, sucrosic, oolitic, fossils (mainly corals), friable, mineral fluorescence, interparticle porosity.

Hw: 55 - 5 BG = 50 net increase

C₁: 39 - 3 BG = 36 net increase

C₂: 8 units

C₃: 1 unit

C₄: 1 unit

3190 - 3205

Limestone, light gray, medium to fine crystalline, abundant fossils, good interparticle porosity.

Hw: 39 - 0 BG = 39 net increase

C₁: 24 - 0 BG = 24 net increase

Kansas City 3764 (-342)

Limestone, light brown, very very fine to sucrosic, medium grain size oolitic, friable, free oolites in tray, interparticle and oomoldic porosity, mineral fluorescence.

3960 - 3980

Limestone, cream, very very fine crystalline, abundant oolitic, good oomoldic porosity.

Hw: 134 -10 BG = 124 net increase

C₁: 105 - 7 BG = 98 net increase

Drillstem Test 1

Kansas City Formation 3964-3976

1st open: Strong blow off bottom immed., gas to surface in 5 minutes

2nd open: Strong return gauged 50 psi on 3/4" orifice = 756 mcf/day

Times: 30-60 60-120

Recovery: 100 feet drilling mud

IFP: 74/148 ISIP: 725

FFP: 195/203 FSIP: 723

BHT: 109 deg F HSP: 1933/1848

Initial Flow:

10 mins	10 psig	3/4"	259 MCF/D
20 mins	20 psig	3/4"	398 MCF/D
25 mins	28 psig	3/4"	497 MCF/D
30 mins	28 psig	3/4"	497 MCF/D

Final Flow

10 mins	36 psig	3/4"	594 MCF/D
20 mins	41 psig	3/4"	652 MCF/D
30 mins	45 psig	3/4"	697 MCF/D
40 mins	47 psig	3/4"	720 MCF/D
50 mins	48 psig	3/4"	732 MCF/D
60 mins	50 psig	3/4"	756 MCF/D

1977 JUN 27 A 1:29
 KANSAS CITY
 MISSOURI
 64108

Cherokee 4402 (-980)

Shale, black, to limestone, tan, medium to fine crystalline, oolitic in part, no visible porosity.

4464 - 4474

Sandstone, clear to white, fine grained, well rounded, calcium cement, dirty, poor intergrain porosity.

Hw: 120 -14 BG = 106 net increase

C₁: 100 - 13 BG = 87 net increase

C₂: 50 - 8 BG = 42 net increase

C₃: 30 - 5 BG = 25 net increase

C₄: 4 - 2 BG = 2 net increase

Morrow C. P. 4700 (-1278)

Shale, black, elongate, pyritic, plant fragments.

Middle Morrow Sand 4821 (-1399)

Sandstone, clear to white, fine to very fine grained, trace fossils, well rounded to subrounded, well sorted, glauconitic, calcium cement.

Hw: 230 - 30 BG = 200 net increase

C₁: 130 - 50 BG = 80 net increase

C₂: 80 - 25 BG = 55 net increase

C₃: 25 - 10 BG = 15 net increase

Lower Morrow Sands

1st sand 4984 (-1562)

Sandstone, clear to semiclear, medium to fine grained, clusters subrounded to subangular, poorly sorted, calcium cement, glauconitic, dirty with inclusions, fossil fragments, interparticle porosity.

Hw: 195 - 115 BG = 80 net increase

C₁: 135 - 100 BG = 35 net increase

2nd sand 5016 (-1594)

Sandstone, clear, medium to fine grained, clusters, subrounded to rounded, poorly sorted, glauconitic, fossil fragments, interparticle porosity.

Hw: 300 - 125 BG = 175 net increase

C₁: 290 - 135 BG = 155 net increase

3rd sand 5044 (-1622)

Sandstone, clear, medium to fine grained, clusters, glauconitic (some very large), subrounded to subangular, poorly sorted, friable, free grains in tray, basal sand very very glauconitic.

Hw: 150 - 110 BG = 40 net increase

C₁: 120 - 100 BG = 20 net increase

Drillstem Test 2

Morrow Formation 4992-5058

1st open: Weak ½" blow decreased to surface blow

2nd open: No return

Times: 30-60 30-60

Recovery: 10 feet of drilling mud

IFP: 30/36 ISIP: 93

FFP: 39/39 FSIP: 62

BHT: 127 deg F HSP: 2455/2408

623 H 63 TC 1W
 1971 JUL 29 A 1:29
 10109 3876
 10109 3876
 10109 3876
 10109 3876

Keyes 5112 (-1690)

Sandstone, clear, fine grained, well sorted, well rounded, no glauconite, hard, no visible porosity. Basal sandstone, coarse to medium grained, subangular to subrounded, poorly sorted, hard, no visible porosity.

Chester 5146 (-1724)

Limestone, light gray, sucrosic, no visible porosity (no multicolor shales present).

Ste. Genevieve 5184 (-1762)

Limestone, tan, sucrosic, with medium grain quartz inclusions. No visible porosity.
Zone truncated. Only approximately 8 foot of zone.

St. Louis

1st Porosity 5196 (-1774)

Limestone, tan, sucrosic, oolitic, cherty, friable, oomoldic porosity, free oolites in tray.

Hw: 455 - 29 BG = 426 net increase
C₁: 220 - 8 BG = 212 net increase
C₂: 110 - 8 BG = 102 net increase
C₃: 28 - 4 BG = 24 net increase

Drillstem Test 3

St. Louis 5199-5245

1st open: Strong blow off bottom in 1 min, Gas to surface in 13 mins.

2nd open: Strong return gauged 11"/water on 3/4" = 47.2 MCF/Day

Times: 30-60 30-60

Recovery: 200 feet of drilling mud
Gas to surface in 13 mins.

IFP: 82/58 ISIP: 1219
FFP: 93/88 FSIP: 1181
BHT: 140 deg F HSP: 2507/2488

Initial Flow

13 mins		3/4"	
15 mins	10 ins/wtr	1"	81.6 MCF/D
20 mins	3 ins/wtr	1"	44.7 MCF/D
30 mins	2 ins/wtr	1"	36.5 MCF/D

Final Flow

10 mins	2 ins/wtr	1"	36.5 MCF/D
20 mins	12 ins/wtr	3/4"	49.3 MCF/D
30 mins	11 ins/wtr	3/4"	47.2 MCF/D

2nd Porosity 5372 (-1950)

Dolomite, tan, medium to fine crystalline, chalky, lime green fluorescence, gas bubbles, good odor, good intercrystalline porosity.

Hw: 360 - 60 BG = 300 net increase
C₁: 174 - 34 BG = 140 net increase
C₂: 87 - 17 BG = 70 net increase
C₃: 148 - 8 BG = 140 net increase
C₄: 32 - 4 BG = 28 net increase
C₅: 50 - 2 BG = 48 net increase

RECEIVED
 KANSAS GEOLOGICAL SURVEY
 JUN 29 A 1:29

Drillstem Test 4

St. Louis 5379-5390

1st open: Weak surface blow surging and built to 3"

2nd open: Fair blow 4" in 5 mins built slowly to 7"

Times: 30-60 60-120

Recovery: 90 feet drilling mud with show of oil at top

546 feet gas in pipe

IFP: 20/35 ISIP: 1049

FFP: 35/55 FSIP: 1191

BHT: 140 deg F HSP: 2618/2562

Spergen 5408 (-1986)

Dolomite, light gray, very very fine crystalline, chalky. No visible porosity.

1st Porosity 5507 (-2085)

Dolomite, tan to light brown, fine crystalline, good dissolution and vuggy porosity, lime green fluorescence, bright stream when cut, gas bubbles, good odor.

Hw: 570 - 60 BG = 510 net increase

C₁: 150 - 20 BG = 130 net increaseC₂: 75 - 10 BG = 65 net increaseC₃: 70 - 12 BG = 58 net increaseC₄: 100 - 5 BG = 95 net increaseC₅: 60 - 0 BG = 60 net increase

Drillstem Test #5

Spergen 5507 - 5520

1st open: Tool slide 7', surface blow built to 6 inches.

2nd open: No return, flushed tool, return in 14 minutes, built to 4 inches.

Times: 30-60 / 60-120

Recovery: 556 ft. Total fluid

286 ft. Drilling mud

270 ft. Muddy water

IFP: 77/151 ISIP: 1352

FFP: 146/275 FSIP: 1344

BHT: 145° F HSP: 2650/2631

Warsaw 5562 (-2140)

Dolomite, gray, sucrosic, hard, no visible porosity, no show.

Osagian 5632 (-2210)

Dolomite, light brown, fine crystalline, abundant tripolitic chert, white with fossil replacement, samples very small, no show.

RECEIVED
KANSAS CORP CORP
MAY 29 A 1:29

1st Porosity 5664 (-2242)

Dolomite, cream to light brown, very fine crystalline to fine crystalline, cherty, no visible porosity, no show.

2nd Porosity 5696 (-2274)

Dolomite, light brown, fine crystalline, no visible porosity, no show.

Remarks and Recommendations:

Earth Tech had a hot wire and chromatograph from 2100 to TD. The unit was down from 4324 to 4426.

Due to favorable Test #1 and good shows, it was recommended to set casing for further evaluation.

Respectfully submitted,

David B. Lowe
by ML

David B. Lowe
Geologist

DBL:ml

RECEIVED
MAR 29 1979
MAR 29 11:29 A

15-129-21453

RELEASED

JUN 19 1998

FROM CONFIDENTIAL

WELL NAME: Krey # 2-36
COMPANY: Berexco Inc.
LOCATION: Sec. 36 Twp. 32S Rge. 41W
Morton County Kansas
DATE: 03/25/97

ORIGINAL

CONFIDENTIAL

15-129-21453-0000

TRILOBITE TESTING L.L.C.

OPERATOR : Berexco Inc.

DATE 3-13-97

WELL NAME: Krey #2-36

KB 3421.00 ft

TICKET NO: 9911

DST #1

LOCATION : 36-32S-41W Morton KS.

GR 3409.00 ft

FORMATION:

INTERVAL : 3964.00 To 3976.00 ft

TD 3976.00 ft

TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13339	13339	2341			PF Fr. 0948 to 1018 hr
SI 60 Range(Psi)	4025.0	4025.0	4995.0	0.0	0.0	IS Fr. 1018 to 1118 hr
SF 60 Clock(hrs)	12 HR	12 HR	Elec			SF Fr. 1118 to 1218 hr
FS 120 Depth(ft)	3950.0	3950.0	3966.0	0.0	0.0	FS Fr. 1218 to 1418 hr

	Field	1	2	3	4	
A. Init Hydro	1952.0	1994.0	1933.0	0.0	0.0	T STARTED 0738 hr
B. First Flow	72.0	81.0	74.0	0.0	0.0	T ON BOTM 0946 hr
B1. Final Flow	114.0	154.0	196.0	0.0	0.0	T OPEN 0948 hr
C. In Shut-in	689.0	706.0	726.0	0.0	0.0	T PULLED 1418 hr
D. Init Flow	114.0	139.0	149.0	0.0	0.0	T OUT 1630 hr
E. Final Flow	155.0	183.0	203.0	0.0	0.0	
F. Fl Shut-in	689.0	702.0	723.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1872.0	1788.0	1848.0	0.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside	I	I	O			Wt Set On Packer 30000.00 lbs
						Wt Pulled Loose 130000.00 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 634.00 ft
						D.P. Length 3330.00 ft

RECOVERY

Tot Fluid 100.00 ft of 100.00 ft in DC and 0.00 ft in DP
 100.00 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

BLOW DESCRIPTION

Initial Flow:
 Strong blow off bottom immediately
 Gas To Surface @ 5 mins.

Initial Shut In:

No return blow

Final Flow:

Strong return gauged 50 psi on
 3/4" orifice = 756 mcf/day

Final Shut In:

No return blow

SAMPLES:

SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.00 lb/c
Vis.	51.00 S/L
W.L.	10.20 in3
F.C.	0.00 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	109.00 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	Rod Steinbrink
Co. Rep.	David Lowe
Contr.	Beredco
Rig #	1
Unit #	
Pump T.	

Test Successful: Y

*** TOOL DIAGRAM *** CONV

WELL NAME: Krey #2-36

LOCATION : 36-32S-41W Morton KS.

TICKET No. 9911 D.S.T. No. 1 DATE 3-13-97

TOTAL TOOL TO BOTTOM OF TOP PACKERS 32

INTERVAL TOOL 12

BOTTOM PACKERS AND ANCHOR

TOTAL TOOL 44

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 44

D.C. ABOVE TOOLS.Stands7 Single Total 634

D.P. ABOVE TOOLS.Stands35 Single 2 Total 3330

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4008

TOTAL DEPTH 3976

TOTAL DRILL PIPE ABOVE K.B. 32

REMARKS:

P.O. SUB 2' Above Tool	3935
C.O. SUB 1'	3937
S.I. TOOL 5'	3943
HMV 5'	3948
A/P Carrier w/AK-1 Rec. @ 3950	
JARS 5'	3953
SAFETY JOINT 2'	3955
PACKER Top 4'	3959
PACKER Bottom 5'	3964
DEPTH STUBB 1'	3965
ANCHOR Alp. Rec. @ 3966	
6' Perf.	3971
T.C. DEPTH	
BULLNOSE 5'	
T.D.	3976

GAS RECOVERY

COMPANY: Berexco Inc. DATE: 3-13-97
WELL NAME: Krey #2-36 KB Elev: 3421.00 ft TICKET #9911 DST #1
WELL LOCATION: 36-32S-41W Morton KS. GR Elev: 3409.00 ft FORMATION:
INTERVAL Fr.: 3964.00 To 3976.00 T.D.: 3976.00 ft TEST TYPE: CONVENTIONAL

GAS RECOVERY MEASURED WITH 2" Merla Gauge

***** GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
10	0.75	10	0	259000.0
20	0.75	20	0	398000.0
25	0.75	28	0	497000.0
30	0.75	28	0	497000.0

***** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
10	0.75	36	0	594000.0
20	0.75	41	0	652000.0
30	0.75	45	0	697000.0
40	0.75	47	0	720000.0
50	0.75	48	0	732000.0
60	0.75	50	0	756000.0

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9911 DST #1 Krey #2-36 Berexco Inc.

DATE: 03/13/97

TIME: 07:39:02

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
***** Initial Hydro.	129.00	1933.6	0.0	107.85		
***** Start Flow 1	0.00	74.3	0.0	107.84		
	1.00	91.1	16.8	108.07		
	2.00	105.7	31.5	108.33		
	3.00	124.3	50.0	108.58		
	4.00	124.8	50.5	108.82		
	5.00	122.3	48.0	109.02		
	6.00	135.4	61.2	109.21		
	7.00	135.9	61.6	109.35		
	8.00	140.7	66.4	109.45		
	9.00	143.7	69.4	109.52		
	10.00	139.2	65.0	109.60		
	11.00	152.3	78.0	109.62		
	12.00	154.5	80.3	109.64		
	13.00	154.5	80.3	109.63		
	14.00	153.6	79.3	109.61		
	15.00	160.8	86.5	109.58		
	16.00	163.0	88.7	109.53		
	17.00	171.2	96.9	109.45		
	18.00	166.0	91.7	109.36		
	19.00	174.8	100.5	109.25		
	20.00	178.5	104.2	109.11		
	21.00	179.0	104.8	108.99		
	22.00	177.9	103.7	108.86		
	23.00	176.3	102.0	108.75		
	24.00	184.8	110.5	108.62		
	25.00	186.7	112.4	108.51		
	26.00	188.6	114.3	108.39		
	27.00	182.9	108.6	108.28		
	28.00	188.1	113.9	108.16		
	29.00	189.0	114.7	108.03		
	30.00	188.6	114.3	107.90		
	31.00	196.4	122.2	107.77		
***** End Flow 1	32.00	196.0	121.7	107.64		
***** Start Shutin 1	0.00	196.0	0.0	107.64	0.0000	0.038
	1.00	687.8	491.8	107.65	33.0000	0.473
	2.00	705.3	509.3	108.12	17.0000	0.497
	3.00	711.1	515.1	108.69	11.6667	0.506
	4.00	714.3	518.3	109.10	9.0000	0.510
	5.00	716.3	520.3	109.34	7.4000	0.513
	6.00	717.7	521.7	109.46	6.3333	0.515
	7.00	718.7	522.7	109.52	5.5714	0.517
	8.00	719.5	523.5	109.50	5.0000	0.518
	9.00	720.2	524.2	109.49	4.5556	0.519
	10.00	720.7	524.7	109.45	4.2000	0.519
	11.00	721.2	525.2	109.42	3.9091	0.520
	12.00	721.6	525.6	109.35	3.6667	0.521
	13.00	721.9	525.9	109.30	3.4615	0.521
	14.00	722.2	526.2	109.21	3.2857	0.522
	15.00	722.5	526.5	109.13	3.1333	0.522
	16.00	722.7	526.7	109.09	3.0000	0.522

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9911 DST #1 Krey #2-36 Berexco Inc.

DATE: 03/13/97

TIME: 07:39:02

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
17.00	723.0	527.0	109.05	2.8824	0.523
18.00	723.1	527.1	108.96	2.7778	0.523
19.00	723.3	527.3	108.94	2.6842	0.523
20.00	723.4	527.4	108.92	2.6000	0.523
21.00	723.6	527.6	108.82	2.5238	0.524
22.00	723.7	527.8	108.82	2.4545	0.524
23.00	723.8	527.8	108.80	2.3913	0.524
24.00	723.9	527.9	108.79	2.3333	0.524
25.00	724.0	528.0	108.72	2.2800	0.524
26.00	724.1	528.2	108.78	2.2308	0.524
27.00	724.2	528.2	108.76	2.1852	0.524
28.00	724.2	528.3	108.79	2.1429	0.525
29.00	724.5	528.5	108.76	2.1034	0.525
30.00	724.4	528.5	108.76	2.0667	0.525
31.00	724.6	528.6	108.78	2.0323	0.525
32.00	724.6	528.6	108.76	2.0000	0.525
33.00	724.7	528.7	108.76	1.9697	0.525
34.00	724.7	528.7	108.76	1.9412	0.525
35.00	724.7	528.7	108.77	1.9143	0.525
36.00	724.8	528.8	108.75	1.8889	0.525
37.00	724.9	528.9	108.77	1.8649	0.525
38.00	724.9	528.9	108.77	1.8421	0.525
39.00	724.9	528.9	108.77	1.8205	0.525
40.00	725.0	529.0	108.79	1.8000	0.526
41.00	725.1	529.1	108.78	1.7805	0.526
42.00	725.1	529.1	108.75	1.7619	0.526
43.00	725.2	529.2	108.81	1.7442	0.526
44.00	725.2	529.2	108.81	1.7273	0.526
45.00	725.3	529.3	108.80	1.7111	0.526
46.00	725.3	529.3	108.82	1.6957	0.526
47.00	725.2	529.2	108.82	1.6809	0.526
48.00	725.3	529.3	108.82	1.6667	0.526
49.00	725.4	529.4	108.86	1.6531	0.526
50.00	725.4	529.4	108.83	1.6400	0.526
51.00	725.4	529.4	108.82	1.6275	0.526
52.00	725.5	529.5	108.88	1.6154	0.526
53.00	725.6	529.6	108.93	1.6038	0.526
54.00	725.6	529.6	108.92	1.5926	0.527
55.00	725.6	529.6	108.95	1.5818	0.527
56.00	725.7	529.7	108.93	1.5714	0.527
57.00	725.6	529.7	108.98	1.5614	0.527
58.00	725.7	529.7	108.97	1.5517	0.527
***** End Shut-in 1					
***** Start Flow 2	0.00	148.8	0.0	108.93	
	1.00	149.0	0.2	108.89	
	2.00	149.9	1.1	108.82	
	3.00	152.9	4.2	108.73	
	4.00	155.4	6.6	108.60	
	5.00	157.1	8.3	108.45	
	6.00	164.0	15.2	108.26	
	7.00	169.5	20.7	108.05	
	8.00	171.6	22.9	107.82	

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9911 DST #1 Krey #2-36 Berexco Inc.

DATE: 03/13/97

TIME: 07:39:02

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
9.00	172.4	23.6	107.59		
10.00	173.7	25.0	107.36		
11.00	175.0	26.2	107.10		
12.00	173.1	24.3	106.86		
13.00	178.6	29.8	106.63		
14.00	182.0	33.3	106.40		
15.00	180.9	32.1	106.18		
16.00	178.3	29.5	105.98		
17.00	180.8	32.0	105.82		
18.00	188.7	39.9	105.66		
19.00	187.2	38.4	105.51		
20.00	187.3	38.5	105.36		
21.00	181.1	32.3	105.25		
22.00	185.8	37.0	105.12		
23.00	183.7	35.0	105.01		
24.00	184.3	35.6	104.88		
25.00	186.3	37.5	104.75		
26.00	186.1	37.4	104.66		
27.00	183.0	34.2	104.56		
28.00	182.1	33.3	104.45		
29.00	185.1	36.4	104.34		
30.00	186.7	37.9	104.23		
31.00	190.3	41.5	104.14		
32.00	193.7	44.9	104.03		
33.00	188.1	39.3	103.96		
34.00	192.9	44.1	103.89		
35.00	193.0	44.2	103.82		
36.00	192.9	44.1	103.76		
37.00	193.7	44.9	103.70		
38.00	195.3	46.5	103.65		
39.00	195.8	47.1	103.60		
40.00	195.4	46.7	103.55		
41.00	195.9	47.1	103.52		
42.00	193.1	44.4	103.47		
43.00	196.8	48.0	103.42		
44.00	198.0	49.3	103.37		
45.00	197.7	48.9	103.35		
46.00	199.1	50.3	103.30		
47.00	197.5	48.7	103.27		
48.00	199.0	50.2	103.24		
49.00	198.6	49.8	103.20		
50.00	205.1	56.3	103.17		
51.00	203.3	54.5	103.15		
52.00	195.0	46.2	103.13		
53.00	198.2	49.4	103.12		
54.00	208.3	59.6	103.09		
55.00	202.6	53.8	103.08		
56.00	203.2	54.4	103.07		
57.00	199.4	50.6	103.06		
58.00	203.5	54.7	103.04		
59.00	203.1	54.3	103.02		

***** End Flow 2

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9911 DST #1 Krey #2-36 Berexco Inc.

DATE: 03/13/97

TIME: 07:39:02

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Start Shutin 2	0.00	203.1	0.0	103.02	0.0000	0.041
	1.00	201.7	-1.4	103.01	92.0000	0.041
	2.00	655.3	452.2	103.08	46.5000	0.429
	3.00	687.2	484.1	103.67	31.3333	0.472
	4.00	695.5	492.4	104.36	23.7500	0.484
	5.00	699.9	496.8	104.94	19.2000	0.490
	6.00	702.7	499.6	105.29	16.1667	0.494
	7.00	704.7	501.6	105.52	14.0000	0.497
	8.00	706.3	503.2	105.65	12.3750	0.499
	9.00	707.6	504.5	105.70	11.1111	0.501
	10.00	708.5	505.4	105.69	10.1000	0.502
	11.00	709.5	506.4	105.68	9.2727	0.503
	12.00	710.2	507.1	105.63	8.5833	0.504
	13.00	711.0	507.9	105.57	8.0000	0.506
	14.00	711.7	508.6	105.55	7.5000	0.506
	15.00	712.2	509.1	105.51	7.0667	0.507
	16.00	712.7	509.6	105.45	6.6875	0.508
	17.00	713.1	510.0	105.41	6.3529	0.508
	18.00	713.5	510.4	105.37	6.0556	0.509
	19.00	713.9	510.8	105.34	5.7895	0.510
	20.00	714.2	511.1	105.32	5.5500	0.510
	21.00	714.6	511.5	105.28	5.3333	0.511
	22.00	714.8	511.7	105.26	5.1364	0.511
	23.00	715.1	512.0	105.24	4.9565	0.511
	24.00	715.4	512.3	105.23	4.7917	0.512
	25.00	715.6	512.5	105.22	4.6400	0.512
	26.00	715.8	512.7	105.21	4.5000	0.512
	27.00	716.0	512.9	105.20	4.3704	0.513
	28.00	716.3	513.2	105.19	4.2500	0.513
	29.00	716.4	513.3	105.19	4.1379	0.513
	30.00	716.6	513.5	105.19	4.0333	0.514
	31.00	716.8	513.7	105.19	3.9355	0.514
	32.00	717.0	513.9	105.18	3.8438	0.514
	33.00	717.1	514.0	105.19	3.7576	0.514
	34.00	717.3	514.2	105.20	3.6765	0.514
	35.00	717.5	514.4	105.21	3.6000	0.515
	36.00	717.6	514.5	105.21	3.5278	0.515
	37.00	717.7	514.6	105.23	3.4595	0.515
	38.00	717.9	514.8	105.24	3.3947	0.515
	39.00	718.0	514.9	105.26	3.3333	0.515
	40.00	718.1	515.0	105.29	3.2750	0.516
	41.00	718.3	515.2	105.29	3.2195	0.516
	42.00	718.3	515.2	105.31	3.1667	0.516
	43.00	718.5	515.4	105.33	3.1163	0.516
	44.00	718.7	515.6	105.36	3.0682	0.516
	45.00	718.7	515.6	105.38	3.0222	0.517
	46.00	718.7	515.6	105.40	2.9783	0.517
	47.00	718.9	515.9	105.43	2.9362	0.517
	48.00	718.9	515.8	105.46	2.8958	0.517
	49.00	719.0	516.0	105.48	2.8571	0.517
	50.00	719.1	516.0	105.51	2.8200	0.517

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9911 DST #1 Krey #2-36 Berexco Inc.

DATE: 03/13/97

TIME: 07:39:02

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
51.00	719.3	516.2	105.55	2.7843	0.517
52.00	719.3	516.2	105.58	2.7500	0.517
53.00	719.4	516.4	105.61	2.7170	0.518
54.00	719.5	516.4	105.63	2.6852	0.518
55.00	719.6	516.6	105.67	2.6545	0.518
56.00	719.6	516.5	105.71	2.6250	0.518
57.00	719.8	516.7	105.75	2.5965	0.518
58.00	719.8	516.7	105.79	2.5690	0.518
59.00	719.9	516.8	105.82	2.5424	0.518
60.00	720.0	516.9	105.81	2.5167	0.518
61.00	720.0	516.9	105.83	2.4918	0.518
62.00	720.1	517.0	105.85	2.4677	0.519
63.00	720.2	517.1	105.92	2.4444	0.519
64.00	720.3	517.2	105.94	2.4219	0.519
65.00	720.3	517.2	105.98	2.4000	0.519
66.00	720.4	517.3	106.04	2.3788	0.519
67.00	720.4	517.3	106.05	2.3582	0.519
68.00	720.5	517.4	106.11	2.3382	0.519
69.00	720.6	517.5	106.14	2.3188	0.519
70.00	720.6	517.5	106.18	2.3000	0.519
71.00	720.7	517.6	106.22	2.2817	0.519
72.00	720.6	517.6	106.27	2.2639	0.519
73.00	720.7	517.6	106.29	2.2466	0.519
74.00	720.8	517.7	106.33	2.2297	0.520
75.00	720.9	517.8	106.38	2.2133	0.520
76.00	720.8	517.7	106.41	2.1974	0.520
77.00	721.0	517.9	106.45	2.1818	0.520
78.00	721.0	517.9	106.49	2.1667	0.520
79.00	721.1	518.0	106.54	2.1519	0.520
80.00	721.1	518.0	106.58	2.1375	0.520
81.00	721.1	518.0	106.61	2.1235	0.520
82.00	721.2	518.2	106.64	2.1098	0.520
83.00	721.2	518.1	106.69	2.0964	0.520
84.00	721.3	518.2	106.72	2.0833	0.520
85.00	721.3	518.2	106.76	2.0706	0.520
86.00	721.3	518.2	106.80	2.0581	0.520
87.00	721.4	518.3	106.84	2.0460	0.520
88.00	721.4	518.3	106.89	2.0341	0.520
89.00	721.6	518.5	106.92	2.0225	0.521
90.00	721.6	518.5	106.96	2.0111	0.521
91.00	721.6	518.5	107.00	2.0000	0.521
92.00	721.6	518.5	107.04	1.9891	0.521
93.00	721.7	518.6	107.06	1.9785	0.521
94.00	721.7	518.6	107.11	1.9681	0.521
95.00	721.8	518.7	107.15	1.9579	0.521
96.00	721.8	518.7	107.18	1.9479	0.521
97.00	721.8	518.7	107.22	1.9381	0.521
98.00	721.9	518.8	107.25	1.9286	0.521
99.00	721.9	518.8	107.29	1.9192	0.521
100.00	721.9	518.8	107.32	1.9100	0.521
101.00	722.0	518.9	107.36	1.9010	0.521

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9911 DST #1 Krey #2-36 Berexco Inc.

DATE: 03/13/97

TIME: 07:39:02

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
	102.00	722.0	518.9	107.40	1.8922	0.521
	103.00	722.1	519.0	107.44	1.8835	0.521
	104.00	722.1	519.0	107.47	1.8750	0.521
	105.00	722.2	519.1	107.51	1.8667	0.522
	106.00	722.2	519.1	107.54	1.8585	0.522
	107.00	722.2	519.1	107.59	1.8505	0.522
	108.00	722.2	519.1	107.61	1.8426	0.522
	109.00	722.3	519.2	107.64	1.8349	0.522
	110.00	722.3	519.2	107.68	1.8273	0.522
	111.00	722.4	519.3	107.72	1.8198	0.522
	112.00	722.4	519.3	107.76	1.8125	0.522
	113.00	722.5	519.4	107.79	1.8053	0.522
	114.00	722.4	519.3	107.81	1.7982	0.522
	115.00	722.5	519.4	107.86	1.7913	0.522
	116.00	722.5	519.4	107.89	1.7845	0.522
	117.00	722.5	519.4	107.92	1.7778	0.522
	118.00	722.5	519.4	107.96	1.7712	0.522
	119.00	722.6	519.5	107.99	1.7647	0.522
	120.00	722.7	519.6	108.03	1.7583	0.522
	121.00	722.6	519.6	108.06	1.7521	0.522
	122.00	722.7	519.6	108.10	1.7459	0.522
	123.00	722.7	519.6	108.13	1.7398	0.522
	124.00	722.8	519.7	108.16	1.7339	0.522
***** End Shut-in 2	125.00	723.2	520.1	108.20	1.7280	0.523
***** Final Hydro.	410.00	1848.0	0.0	108.77		

TEST HISTORY

9911 DST #1 Krey #2-36 Berexco Inc.

Flag Points

	t (Min.)	P (PSig)
A:	0.00	1933.57
B:	0.00	74.28
C:	32.00	195.99
D:	59.00	725.71
E:	0.00	148.78
F:	59.00	203.09
G:	125.00	723.21
Q:	0.00	1848.83

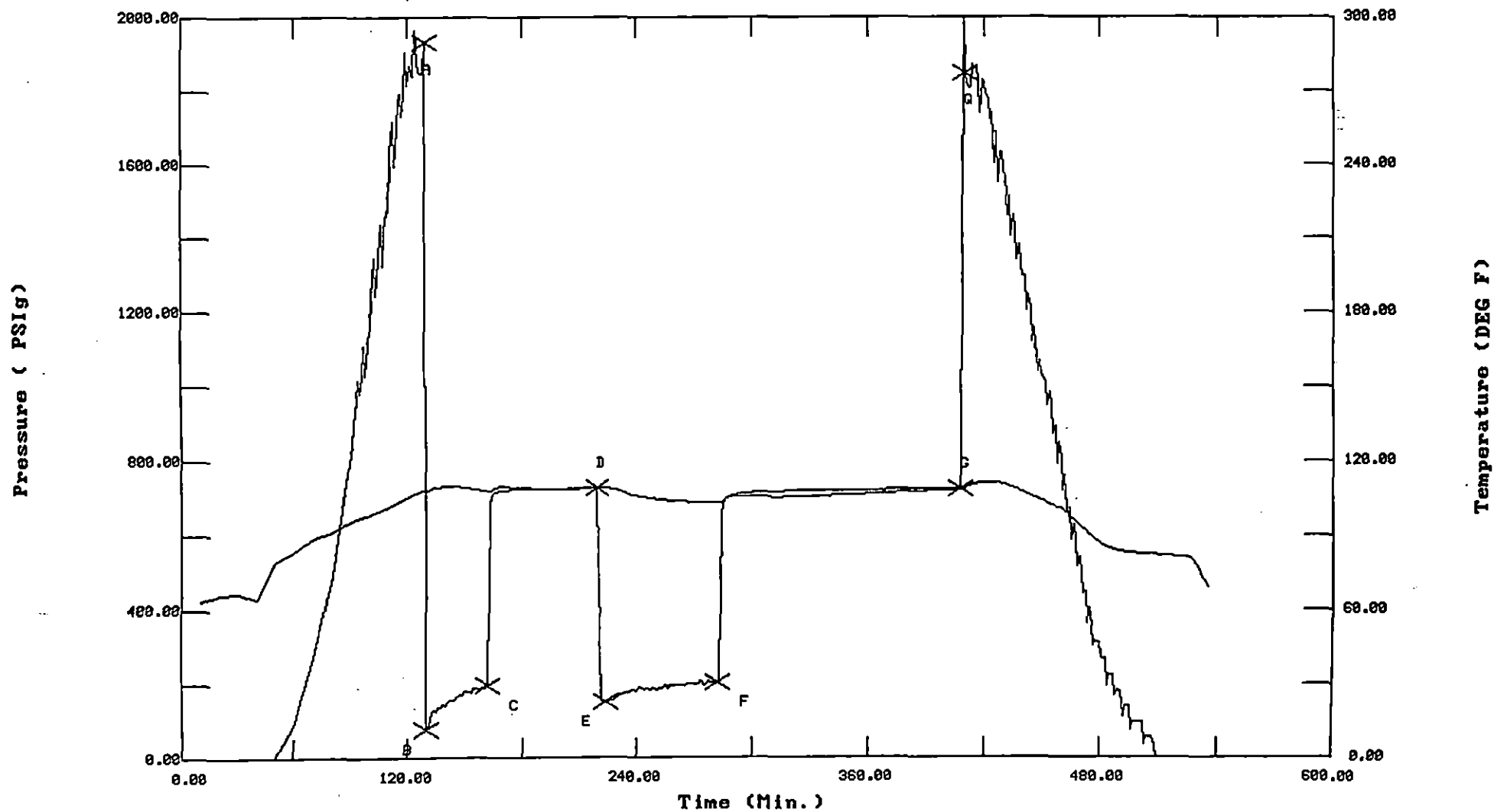
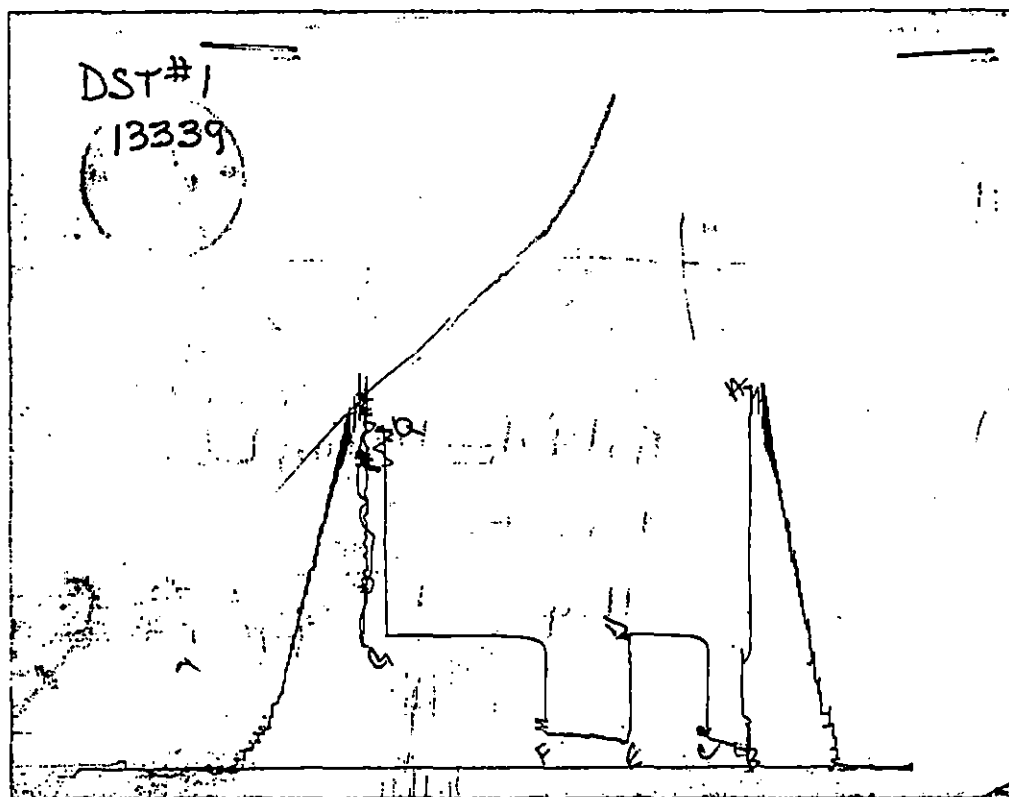


CHART PAGE



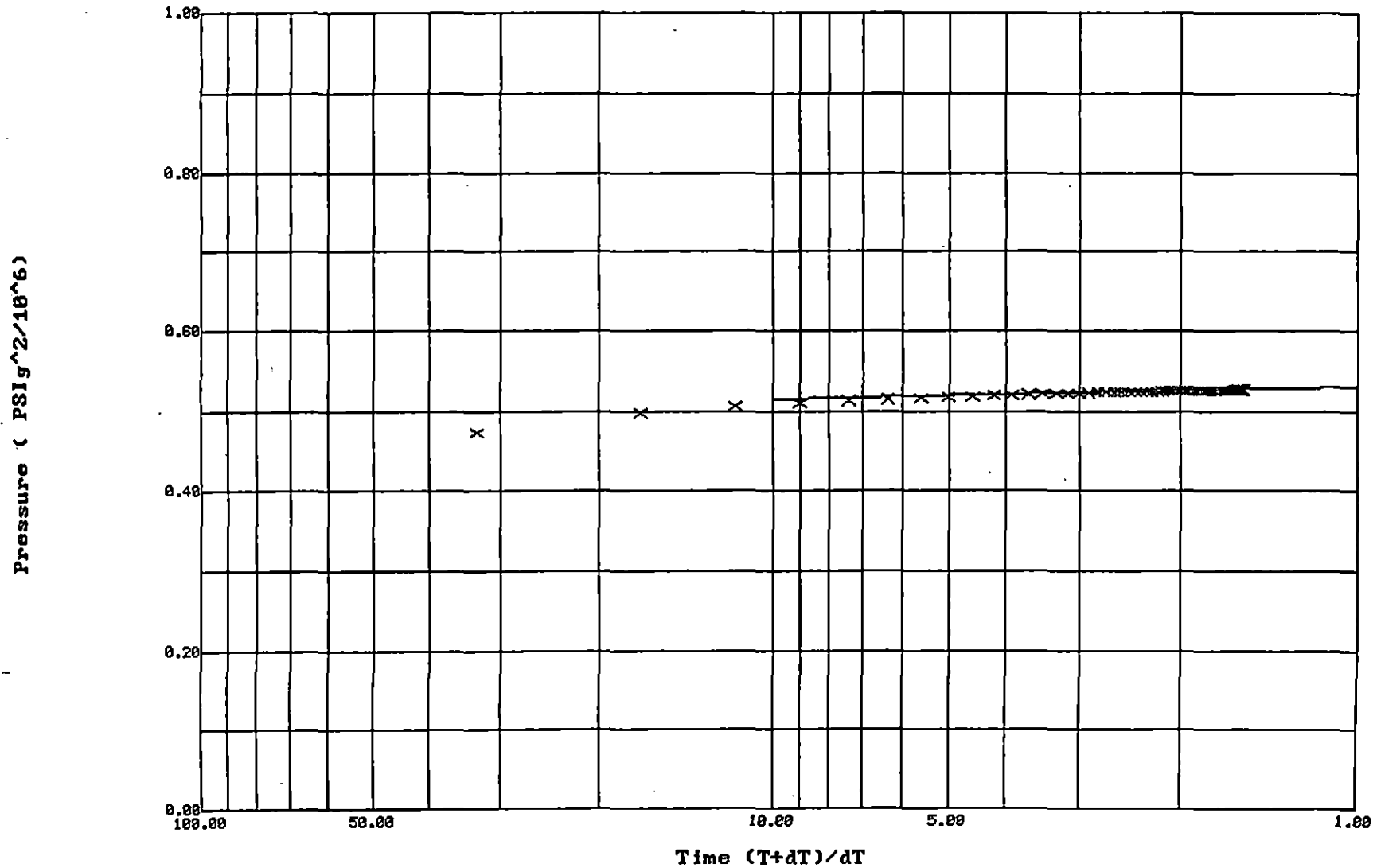
This is a photocopy of the actual AK-1 recorder chart

P² Horner Plot: shut-in #1

9911 DST #1 Krey #2-36 Berexco Inc.

Slope: 0.0155 PSig²/10⁶/cycle

Ext. Pressure: 727.7314 PSig

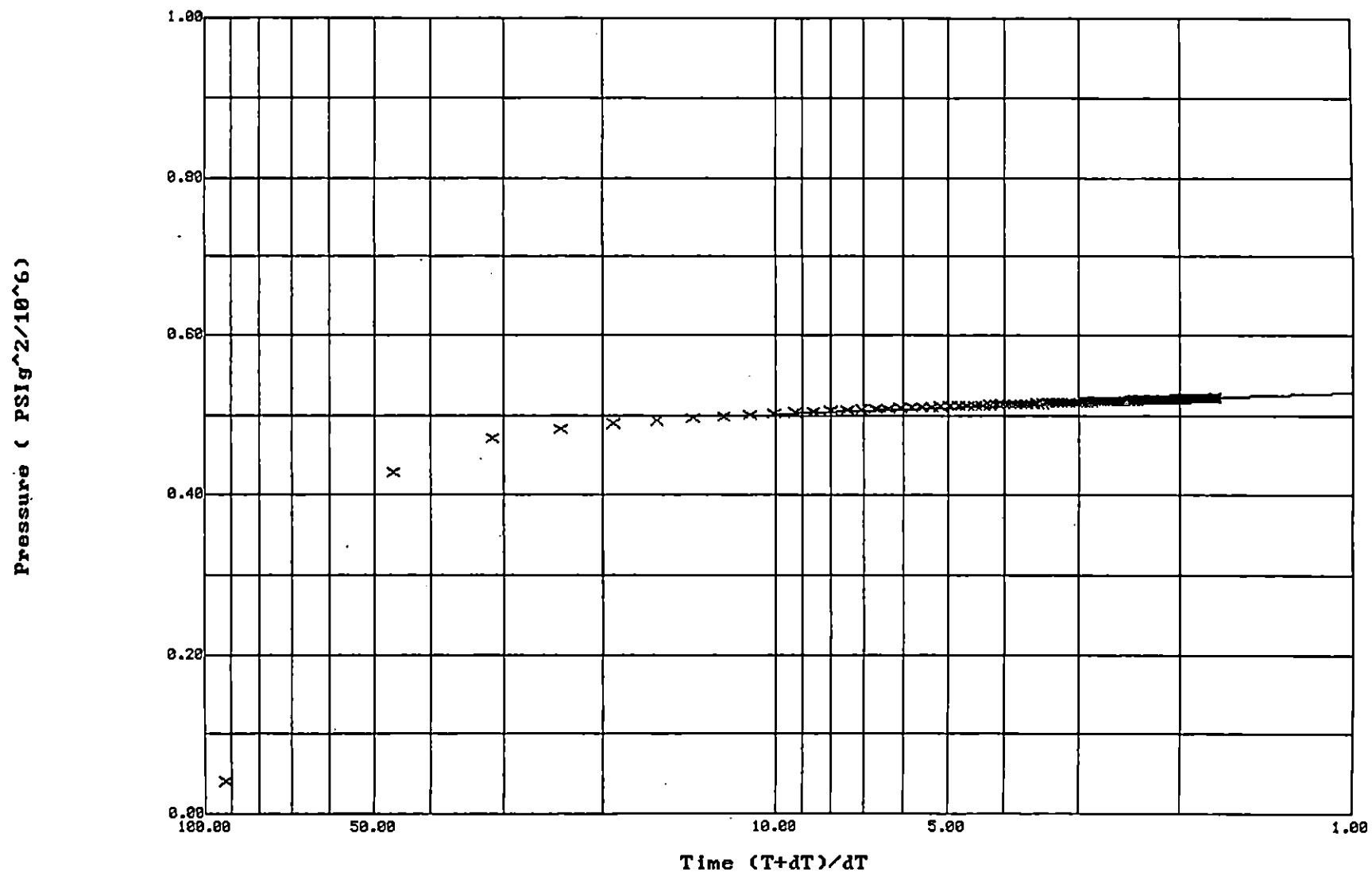


P² Horner Plot: shut-in #2

9911 DST #1 Krey #2-36 Berexco Inc.

Slope: 0.0268 PSig²/10⁶/cycle

Ext. Pressure: 727.1684 PSig



TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

N^o 9911

Well Name & No. <u>Krey #2-36</u>	Test No. <u>1</u>	Date <u>3-13-97</u>
Company <u>Berexco, Inc.</u>	Zone Tested <u>Kans City</u>	
Address <u>970 Fourth Financial Ctr.</u>	Elevation <u>3421</u>	KB <u>3409</u> GL
Co. Rep / Geo. <u>Dave Lowe</u>	Cont. <u>Berexco #1</u>	Est. Ft. of Pay <u> </u> Por. <u> </u> %
Location: Sec. <u>36</u>	Twp. <u>32^S</u>	Rge. <u>41^W</u> Co. <u>Morton</u> State <u>KS</u>
No. of Copies <u> </u>	Distribution Sheet (Y, N) <u>N</u>	Turnkey (Y, N) <u>N</u> Evaluation (Y, N) <u> </u>

Interval Tested <u>3964 - 3976</u>	Initial Str Wt/Lbs. <u>90,000</u>	Unseated Str Wt/Lbs. <u>90,000</u>
Anchor Length <u>12'</u>	Wt. Set Lbs. <u>30,000</u>	Wt. Pulled Loose/Lbs. <u>130,000</u>
Top Packer Depth <u>3959</u>	Tool Weight <u>1800</u>	
Bottom Packer Depth <u>3964</u>	Hole Size — <u>7 7/8"</u>	Rubber Size — <u>6 3/4"</u>
Total Depth <u>3976</u>	Wt. Pipe Run <u> </u>	Drill Collar Run <u>4 1/2" H-90 - 6'</u>
Mud Wt. <u>9.0</u> LCM <u>4#/bbl</u> Vis. <u>51</u> WL <u>10.2</u>	Drill Pipe Size <u>4 1/2" KH</u>	Ft. Run <u>3330'</u>
Blow Description <u>IF: Strong blow off btm immed. GTS @ 5 mins.</u>		
<u>ISI: No blow back</u>		
<u>EF: Strong return gauged 50 psi on 3/4" orifice = 756 mcf/day</u>		
<u>FSI: No blow back.</u>		

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

BHT 109° °F Gravity °API D@ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides 1,400 ppm System

(A) Initial Hydrostatic Mud	<u>1952</u> <u>1933</u> PSI	Recorder No. <u>13339</u>	T-Started <u>0738</u>
(B) First Initial Flow Pressure	<u>72</u> <u>74</u> PSI	(depth) <u>3950</u>	T-Open <u>0948</u>
(C) First Final Flow Pressure	<u>114</u> <u>195</u> PSI	Recorder No. <u>2341</u>	T-Pulled <u>1418</u>
(D) Initial Shut-in Pressure	<u>689</u> <u>725</u> PSI	(depth) <u>3966</u>	T-Out <u>1630</u>
(E) Second Initial Flow Pressure	<u>114</u> <u>148</u> PSI	Recorder No. <u> </u>	
(F) Second Final Flow Pressure	<u>155</u> <u>203</u> PSI	(depth) <u> </u>	
(G) Final Shut-in Pressure	<u>689</u> <u>723</u> PSI	Initial Opening <u>30</u>	Test <u> </u>
(H) Final Hydrostatic Mud	<u>1872</u> <u>1848</u> PSI	Initial Shut-in <u>60</u>	Jars <u>X</u>

AK-1 Alp.

Final Flow 60 Safety Joint X

Final Shut-in 120 Straddle

Circ. Sub X N/C

Sampler

Extra Packer

Elect. Rec. X

Other

TOTAL PRICE \$

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 [Signature]

Our Representative Red Steinbrink



TRILOBITE TESTING

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

GAS VOLUME REPORT

Berexco, Inc.
OPERATOR

Krey #2-36
WELL NAME AND NO.

1
DST NO.

Initial Flow

Final Flow

Min.	Ins. of Water PSIG	Orifice Size	MCF/D	Min.	Ins. of Water PSIG	Orifice Size	MCF/D
0	10	3/4"	259	10	36	3/4"	594
10	20	}	398	20	41	}	652
15	28		497	30	45		697
20	28	3/4"	497	40	47	}	720
				50	48		732
				60	50		3/4"

Remarks:

TRILOBITE TESTING L.L.C.

OPERATOR : Berexco Inc.
 WELL NAME: Krey #2-36
 LOCATION : 36-32S-41W
 INTERVAL : 4992.00 To 5058.00 ft

DATE 3-16-97

KB 3421.00 ft TICKET NO: 9913 DST #2
 GR 3409.00 ft FORMATION: Morrow
 TD 5058.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13339	13339	2341			PF Fr. 1055 to 1125 hr
SI 60 Range (Psi)	4025.0	4025.0	4995.0	0.0	0.0	IS Fr. 1125 to 1225 hr
SF 30 Clock(hrs)	12 HR	12 HR	Elec			SF Fr. 1225 to 1325 hr
FS 60 Depth(ft)	5053.0	5053.0	4995.0	0.0	0.0	FS Fr. 1325 to 1355 hr

	Field	1	2	3	4	
A. Init Hydro	2443.0	2691.0	2455.0	0.0	0.0	T STARTED 0815 hr
B. First Flow	31.0	85.0	30.0	0.0	0.0	T ON BOTM 1053 hr
B1. Final Flow	31.0	87.0	39.0	0.0	0.0	T OPEN 1055 hr
C. In Shut-in	83.0	139.0	93.0	0.0	0.0	T PULLED 1355 hr
D. Init Flow	31.0	125.0	36.0	0.0	0.0	T OUT 1700 hr
E. Final Flow	31.0	112.0	39.0	0.0	0.0	
F. Fl Shut-in	52.0	119.0	62.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2423.0	2648.0	2408.0	0.0	0.0	Tool Wt. 2500.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 30000.00 lbs
						Wt Pulled Loose 130000.00 lbs
						Initial Str Wt 100000.00 lbs
						Unseated Str Wt 100000.00 lbs
						Bot Choke 0.75 in
						Hole Size 8.88 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 605.00 ft
						D.P. Length 4391.00 ft

RECOVERY

Tot Fluid 10.00 ft of 10.00 ft in DC and 0.00 ft in DP
 10.00 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

BLOW DESCRIPTION

Initial Flow:
 Weak 1/2" blow decreased to surface
 blow

Initial Shut In:

Final Flow:
 No return blow

Final Shut In:
 No blow

SAMPLES:
 SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	8.90 lb/c
Vis.	63.00 S/L
W.L.	8.80 in3
F.C.	0.00 in
Mud Drop N	

Amt. of fill	0.00 ft
Btm. H. Temp.	127.00 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 Y	2.00 ft
Tester	Rod Steinbrink
Co. Rep.	David Lowe
Contr.	Beredco
Rig #	1
Unit #	
Pump T.	

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Krey #2-36

LOCATION : 36-32S-41W

TICKET No. 9913 D.S.T. No. 2 DATE 3-16-97

TOTAL TOOL TO BOTTOM OF TOP PACKERS 27

INTERVAL TOOL 36

BOTTOM PACKERS AND ANCHOR

TOTAL TOOL 63

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single 1 Total 30

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 93

D.C. ABOVE TOOLS.Stands6 Single 2 Total 605

D.P. ABOVE TOOLS.Stands47 Single Total 4391

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5089

TOTAL DEPTH 5058

TOTAL DRILL PIPE ABOVE K.B. 31

REMARKS:

P.O. SUB 1' Above 90' DC	4875
C.O. SUB 1'	4965
S.I. TOOL 5'	4971
HMV 5'	4976
JARS 5'	4981
SAFETY JOINT 2'	4983
PACKER 4'	4987
PACKER 5'	4992
DEPTH STUBB 1'	4993
ANCHOR Alp. Rec. @	4995
28' Perf	5021
1' CO Sub	5022
30'DC	5052
1' CO Sub	5053
T.C. DEPTH	
AK-1 Rec. @	5053
BULLNOSE 5'	
T.D.	5058

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9913 DST #2 Krey #2-36 Berexco Inc.

DATE: 03/16/97

TIME: 08:15:30

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
***** Initial Hydro.	159.00	2455.0	0.0	120.37		
***** Start Flow 1	0.00	30.1	0.0	120.39		
	1.00	31.3	1.2	120.51		
	2.00	31.2	1.1	120.62		
	3.00	31.8	1.7	120.79		
	4.00	32.8	2.7	120.88		
	5.00	35.7	5.6	120.96		
	6.00	33.3	3.2	121.02		
	7.00	34.5	4.3	121.06		
	8.00	35.5	5.4	121.11		
	9.00	35.4	5.3	121.13		
	10.00	34.7	4.5	121.15		
	11.00	36.1	6.0	121.17		
	12.00	34.6	4.5	121.19		
	13.00	35.0	4.9	121.20		
	14.00	35.3	5.1	121.22		
	15.00	35.5	5.4	121.25		
	16.00	35.7	5.5	121.29		
	17.00	35.9	5.8	121.32		
	18.00	36.2	6.0	121.35		
	19.00	36.5	6.4	121.40		
	20.00	36.5	6.3	121.43		
	21.00	36.7	6.6	121.47		
	22.00	36.9	6.8	121.49		
	23.00	37.2	7.1	121.51		
	24.00	37.4	7.3	121.54		
	25.00	37.6	7.4	121.55		
	26.00	37.4	7.2	121.56		
	27.00	38.9	8.8	121.57		
	28.00	40.3	10.1	121.59		
	29.00	41.3	11.2	121.61		
	30.00	42.5	12.4	121.66		
***** End Flow 1	31.00	39.4	9.2	121.69		
***** Start Shutin 1	0.00	39.4	0.0	121.69	0.0000	0.002
	1.00	39.7	0.3	121.72	32.0000	0.002
	2.00	40.8	1.4	121.76	16.5000	0.002
	3.00	41.9	2.5	121.78	11.3333	0.002
	4.00	43.0	3.6	121.82	8.7500	0.002
	5.00	44.1	4.7	121.87	7.2000	0.002
	6.00	45.0	5.6	121.94	6.1667	0.002
	7.00	46.0	6.6	121.96	5.4286	0.002
	8.00	47.0	7.7	122.01	4.8750	0.002
	9.00	48.1	8.7	122.08	4.4444	0.002
	10.00	49.0	9.6	122.13	4.1000	0.002
	11.00	50.0	10.6	122.23	3.8182	0.002
	12.00	51.0	11.6	122.24	3.5833	0.003
	13.00	51.9	12.6	122.33	3.3846	0.003
	14.00	52.9	13.5	122.40	3.2143	0.003
	15.00	53.9	14.5	122.47	3.0667	0.003
	16.00	54.8	15.4	122.52	2.9375	0.003
	17.00	55.7	16.4	122.56	2.8235	0.003

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

EST: 9913 DST #2 Krey #2-36 Berexco Inc.

ATE: 03/16/97

TIME: 08:15:30

Time	Pressure PSI _g	delta P PSI _g	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
18.00	56.7	17.4	122.62	2.7222	0.003
19.00	57.7	18.3	122.71	2.6316	0.003
20.00	58.5	19.1	122.77	2.5500	0.003
21.00	59.4	20.0	122.82	2.4762	0.004
22.00	60.3	21.0	122.86	2.4091	0.004
23.00	61.3	21.9	122.94	2.3478	0.004
24.00	62.2	22.8	122.98	2.2917	0.004
25.00	63.1	23.7	123.06	2.2400	0.004
26.00	64.0	24.6	123.10	2.1923	0.004
27.00	64.9	25.5	123.13	2.1481	0.004
28.00	65.8	26.4	123.20	2.1071	0.004
29.00	66.7	27.4	123.27	2.0690	0.004
30.00	67.6	28.3	123.33	2.0333	0.005
31.00	68.4	29.0	123.38	2.0000	0.005
32.00	69.3	29.9	123.44	1.9688	0.005
33.00	70.3	30.9	123.48	1.9394	0.005
34.00	71.0	31.6	123.53	1.9118	0.005
35.00	71.8	32.5	123.57	1.8857	0.005
36.00	72.7	33.3	123.60	1.8611	0.005
37.00	73.6	34.3	123.67	1.8378	0.005
38.00	74.5	35.1	123.72	1.8158	0.006
39.00	75.2	35.9	123.77	1.7949	0.006
40.00	76.2	36.9	123.85	1.7750	0.006
41.00	77.0	37.7	123.88	1.7561	0.006
42.00	77.9	38.5	123.91	1.7381	0.006
43.00	78.8	39.4	123.97	1.7209	0.006
44.00	79.6	40.2	124.03	1.7045	0.006
45.00	80.6	41.2	124.05	1.6889	0.006
46.00	81.6	42.2	124.09	1.6739	0.007
47.00	82.4	43.0	124.12	1.6596	0.007
48.00	83.3	44.0	124.18	1.6458	0.007
49.00	84.2	44.8	124.23	1.6327	0.007
50.00	85.0	45.7	124.28	1.6200	0.007
51.00	85.8	46.5	124.32	1.6078	0.007
52.00	86.7	47.3	124.37	1.5962	0.008
53.00	87.6	48.3	124.41	1.5849	0.008
54.00	88.3	49.0	124.46	1.5741	0.008
55.00	89.3	49.9	124.51	1.5636	0.008
56.00	90.1	50.7	124.54	1.5536	0.008
57.00	90.9	51.5	124.58	1.5439	0.008
58.00	91.7	52.4	124.62	1.5345	0.008
59.00	92.4	53.0	124.66	1.5254	0.009
60.00	93.1	53.8	124.71	1.5167	0.009
***** End Shut-in 1					
***** Start Flow 2	0.00	36.5	0.0	124.73	
	1.00	37.7	1.3	124.70	
	2.00	38.6	2.2	124.66	
	3.00	39.3	2.9	124.63	
	4.00	38.4	1.9	124.62	
	5.00	38.2	1.7	124.61	
	6.00	38.8	2.4	124.62	
	7.00	39.4	2.9	124.64	

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9913 DST #2 Krey #2-36 Berexco Inc.

DATE: 03/16/97

TIME: 08:15:30

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
	8.00	39.9	3.4	124.67		
	9.00	40.5	4.0	124.71		
	10.00	41.0	4.6	124.75		
	11.00	41.6	5.1	124.79		
	12.00	40.1	3.6	124.84		
	13.00	37.0	0.6	124.89		
	14.00	37.7	1.2	124.95		
	15.00	38.4	1.9	124.99		
	16.00	39.0	2.5	125.04		
	17.00	39.5	3.1	125.09		
	18.00	40.0	3.6	125.15		
	19.00	40.5	4.0	125.20		
	20.00	41.0	4.5	125.25		
	21.00	41.4	4.9	125.30		
	22.00	41.9	5.4	125.34		
	23.00	42.3	5.8	125.39		
	24.00	42.9	6.4	125.45		
	25.00	43.2	6.7	125.49		
	26.00	43.6	7.1	125.53		
	27.00	37.5	1.0	125.58		
	28.00	38.9	2.5	125.63		
	29.00	39.6	3.1	125.68		
***** End Flow 2	30.00	40.0	3.5	125.72		
***** Start Shutin 2	0.00	40.0	0.0	125.72	0.0000	0.002
	1.00	40.4	0.5	125.76	62.0000	0.002
	2.00	40.9	0.9	125.80	31.5000	0.002
	3.00	41.4	1.4	125.85	21.3333	0.002
	4.00	41.8	1.9	125.88	16.2500	0.002
	5.00	42.2	2.2	125.92	13.2000	0.002
	6.00	42.7	2.7	125.97	11.1667	0.002
	7.00	43.1	3.2	126.01	9.7143	0.002
	8.00	43.5	3.6	126.04	8.6250	0.002
	9.00	43.9	3.9	126.09	7.7778	0.002
	10.00	44.2	4.3	126.12	7.1000	0.002
	11.00	44.6	4.7	126.16	6.5455	0.002
	12.00	45.0	5.1	126.20	6.0833	0.002
	13.00	45.5	5.5	126.23	5.6923	0.002
	14.00	45.8	5.9	126.27	5.3571	0.002
	15.00	46.4	6.4	126.31	5.0667	0.002
	16.00	46.7	6.8	126.35	4.8125	0.002
	17.00	47.1	7.1	126.39	4.5882	0.002
	18.00	47.5	7.5	126.42	4.3889	0.002
	19.00	47.9	8.0	126.46	4.2105	0.002
	20.00	48.3	8.3	126.49	4.0500	0.002
	21.00	48.7	8.7	126.52	3.9048	0.002
	22.00	49.0	9.1	126.56	3.7727	0.002
	23.00	49.5	9.6	126.59	3.6522	0.002
	24.00	49.8	9.9	126.63	3.5417	0.002
	25.00	50.2	10.2	126.66	3.4400	0.003
	26.00	50.5	10.6	126.69	3.3462	0.003
	27.00	51.0	11.1	126.73	3.2593	0.003

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9913 DST #2 Krey #2-36 Berexco Inc.

DATE: 03/16/97

TIME: 08:15:30

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶	
28.00	51.3	11.3	126.77	3.1786	0.003	
29.00	51.7	11.8	126.80	3.1034	0.003	
30.00	52.0	12.1	126.85	3.0333	0.003	
31.00	52.4	12.5	126.87	2.9677	0.003	
32.00	52.8	12.8	126.90	2.9062	0.003	
33.00	53.1	13.2	126.94	2.8485	0.003	
34.00	53.4	13.5	126.97	2.7941	0.003	
35.00	53.8	13.9	127.00	2.7429	0.003	
36.00	54.2	14.3	127.03	2.6944	0.003	
37.00	54.7	14.7	127.08	2.6486	0.003	
38.00	55.0	15.0	127.10	2.6053	0.003	
39.00	55.3	15.4	127.12	2.5641	0.003	
40.00	55.7	15.7	127.16	2.5250	0.003	
41.00	56.1	16.1	127.20	2.4878	0.003	
42.00	56.4	16.5	127.23	2.4524	0.003	
43.00	56.8	16.8	127.26	2.4186	0.003	
44.00	57.0	17.1	127.28	2.3864	0.003	
45.00	57.5	17.5	127.31	2.3556	0.003	
46.00	57.8	17.8	127.35	2.3261	0.003	
47.00	58.2	18.3	127.38	2.2979	0.003	
48.00	58.6	18.6	127.41	2.2708	0.003	
49.00	58.9	19.0	127.44	2.2449	0.003	
50.00	59.3	19.3	127.47	2.2200	0.004	
51.00	59.6	19.6	127.51	2.1961	0.004	
52.00	60.0	20.0	127.54	2.1731	0.004	
53.00	60.3	20.4	127.56	2.1509	0.004	
54.00	60.6	20.6	127.60	2.1296	0.004	
55.00	60.9	21.0	127.63	2.1091	0.004	
56.00	61.2	21.3	127.67	2.0893	0.004	
57.00	61.5	21.6	127.68	2.0702	0.004	
58.00	62.0	22.0	127.69	2.0517	0.004	
***** End Shut-in 2	59.00	62.2	22.3	127.70	2.0339	0.004
***** Final Hydro.	343.00	2408.4	0.0	127.81		

TEST HISTORY

9913 DST #2 Krey #2-36 Berexco Inc.

Flag Points

	t (Min.)	P (PSig)
R:	0.00	2455.01
B:	0.00	30.12
C:	31.00	39.37
D:	60.00	93.13
E:	0.00	36.47
F:	30.00	39.95
G:	59.00	62.23
Q:	0.00	2408.42

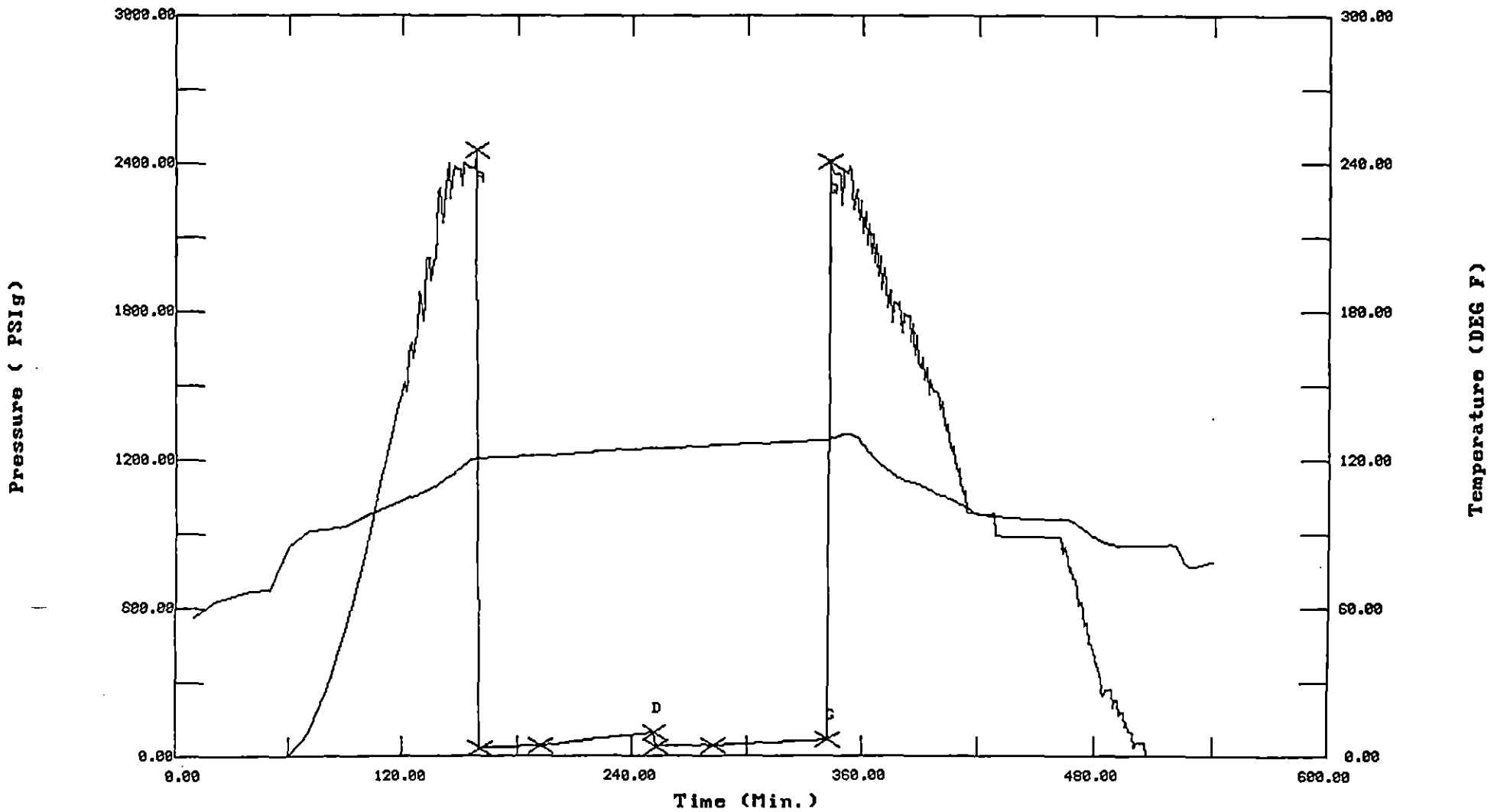
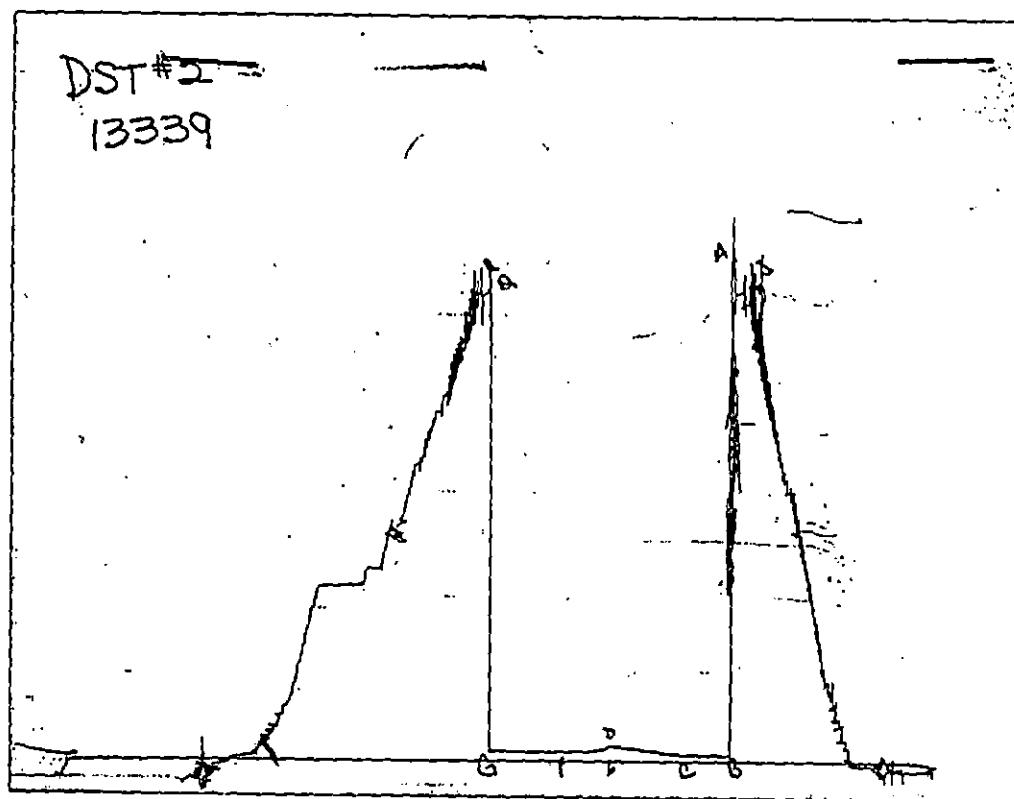


CHART PAGE



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. 9913

Well Name & No. Krey #2-36 Test No. 2 Date 3-16-97
Company Bereyco, Inc. Zone Tested Morrow
Address 970 Fourth Financial Ctr. Wichita, KS. 67202 Elevation 3421 KB 3409 GL
Co. Rep / Geo. Dave Lowe Cont. Bereyco #1 Est. Ft. of Pay Por. %
Location: Sec. 36 Twp. 32^S Rge. 41^W Co. Morton State KS
No. of Copies Distribution Sheet (Y, N) N Turnkey (Y, N) N Evaluation (Y, N)

Interval Tested 4992 - 5058 Initial Str Wt./Lbs. 100,000 Unseated Str Wt./Lbs. 100,000
Anchor Length 66' Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 130,000
Top Packer Depth 4987 Tool Weight 2,500
Bottom Packer Depth 4992 Hole Size — 7 7/8" Rubber Size — 6 3/4"
Total Depth 5058 Wt. Pipe Run Drill Collar Run 4 1/2" H-90 60
Mud Wt. 8.9 LCM 4#/bb1 Vis. 6.3 WL B.B Drill Pipe Size 4 1/2" x H Ft. Run 4391'
Blow Description IF: Weak 1/2" blow decreased to surface blow
IST: No blow
FF: No return blow
FSI: No blow

Recovery — Total Feet	GIP	Ft. in DC	Ft. in DP	%gas	%oil	%water	%mud
<u>10'</u>	<u> </u>	<u>10'</u>	<u> </u>				
Rec. <u> </u> Feet Of							
Rec. <u> </u> Feet Of							
Rec. <u>10'</u> Feet Of <u>Drig. Mud</u>							
Rec. <u> </u> Feet Of							
Rec. <u> </u> Feet Of							

BHT 127° °F Gravity °API D@ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides 1,100 ppm System

(A) Initial Hydrostatic Mud	<u>2443</u>	<u>2455</u>	PSI	Recorder No. <u>2341</u>	T-Started <u>0815</u>
(B) First Initial Flow Pressure	<u>31</u>	<u>30</u>	PSI	(depth) <u>4995</u>	T-Open <u>1055</u>
(C) First Final Flow Pressure	<u>31</u>	<u>39</u>	PSI	Recorder No. <u>13339</u>	T-Pulled <u>1355</u>
(D) Initial Shut-in Pressure	<u>83</u>	<u>93</u>	PSI	(depth) <u>5053</u>	T-Out <u>1700</u>
(E) Second Initial Flow Pressure	<u>31</u>	<u>36</u>	PSI	Recorder No. <u> </u>	
(F) Second Final Flow Pressure	<u>31</u>	<u>39</u>	PSI	(depth) <u> </u>	
(G) Final Shut-in Pressure	<u>52</u>	<u>62</u>	PSI	Initial Opening <u>30</u>	Test <u> </u>
(H) Final Hydrostatic Mud	<u>2423</u>	<u>2408</u>	PSI	Initial Shut-in <u>60</u>	Jars <u>X</u>
				Final Flow <u>30</u>	Safety Joint <u>X</u>
				Final Shut-in <u>60</u>	Straddle <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 Dave Lowe
Our Representative Rod Steinbrink

Circ. Sub X N/C
Sampler
Extra Packer
Elect. Rec. X
Other
TOTAL PRICE \$

TRILOBITE TESTING L.L.C.

OPERATOR : Berexco Inc. DATE 3-18-97
 WELL NAME: Krey #2-36 KB 3421.00 ft TICKET NO: 9914 DST #3
 LOCATION : 36-32S-41W Morton KS. GR 3409.00 ft FORMATION: St. Louis
 INTERVAL : 5199.00 To 5245.00 ft TD 5245.00 ft TEST TYPE: CONV

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	13339	13339	2341			PF Fr. 0215 to 0245 hr
SI 60	Range(Psi)	4025.0	4025.0	4995.0	0.0	0.0	IS Fr. 0245 to 0345 hr
SF 30	Clock(hrs)	12 HR	12 hr	Elec			SF Fr. 0345 to 0414 hr
FS 60	Depth(ft)	5240.0	5240.0	5206.0	0.0	0.0	FS Fr. 0415 to 0515 hr

	Field	1	2	3	4	
A. Init Hydro	2563.0	2803.0	2507.0	0.0	0.0	T STARTED 2350 hr
B. First Flow	114.0	205.0	82.0	0.0	0.0	T ON BOTM 0210 hr
B1. Final Flow	114.0	169.0	93.0	0.0	0.0	T OPEN 0215 hr
C. In Shut-in	1220.0	1255.0	1219.0	0.0	0.0	T PULLED 0515 hr
D. Init Flow	114.0	170.0	58.0	0.0	0.0	T OUT 0830 hr
E. Final Flow	207.0	159.0	88.0	0.0	0.0	
F. Fl Shut-in	1170.0	1213.0	1182.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2503.0	2545.0	2488.0	0.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 30000.00 lbs

RECOVERY

Tot Fluid 200.00 ft of 200.00 ft in DC and 0.00 ft in DP
 200.00 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

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

BLOW DESCRIPTION

Initial Flow:
 Strong blow off bottom in 1 min
 Gas to Surface in 13 mins.

Initial Shut In:
 Bled off blow, no return

Final Flow:
 Strong return gauged 11" water on
 3/4" orifice = 47.2 mcf/day

Final Shut In:
 Bled off blow, no return

SAMPLES:
 SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	8.90 lb/
Vis.	58.00 S/L
W.L.	0.00 in3
F.C.	0.00 in
Mud Drop N	
Amt. of fill	10.00 ft
Btm. H. Temp.	140.00 F
Hole Condition	Fair
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out N	
Tool Chased Y	10.00 ft
Tester	Rod Steinbrink
Co. Rep.	David Lowe
Contr.	Beredco
Rig #	1
Unit #	
Pump T.	

Test Successful: Y

*** TOOL DIAGRAM *** CONV

WELL NAME: Krey #2-36

LOCATION : 36-32S-41W Morton KS.

TICKET No. 9914 D.S.T. No. 3 DATE 3-18-97

TOTAL TOOL TO BOTTOM OF TOP PACKERS 27

INTERVAL TOOL 15

BOTTOM PACKERS AND ANCHOR

TOTAL TOOL 42

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

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

TOTAL ASSEMBLY 73

D.C. ABOVE TOOLS.Stands7 Single Total 636

D.P. ABOVE TOOLS.Stands46 Single 2 Total 4548

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5257

TOTAL DEPTH 5245

TOTAL DRILL PIPE ABOVE K.B. 12

REMARKS:

P.O. SUB 1' Above 90' DC	5089
C.O. SUB 1'	5169
S.I. TOOL 5'	5175
HMV 5'	5180
JARS 5'	5185
SAFETY JOINT 2'	5190
PACKER Top 4'	5194
PACKER Bottom 5'	5199
DEPTH	
STUBB 1'	5200
ANCHOR	
Alp. Rec. @ 5206	
5'	5205
1' CO sub	5206
31' DP	5237
1' CO Sub	5238
2' Perf	5240
T.C.	
DEPTH	
AK-1 Rec. @ 5240	
BULLNOSE 5'	
T.D.	5245

GAS RECOVERY

COMPANY: Berexco Inc.

DATE: 3-18-97

WELL NAME: Krey #2-36

KB Elev: 3421.00 ft TICKET #9914 DST #3

WELL LOCATION: 36-32S-41W Morton KS.

GR Elev: 3409.00 ft FORMATION: St. Louis

INTERVAL Fr.: 5199.00 To 5245.00 T.D.: 5245.00 ft TEST TYPE: CONV

GAS RECOVERY MEASURED WITH 2"Merla Gauge

***** GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
15	0.75	0	10	81600.0
20	1.00	0	3	44700.0
30	1.00	0	2	36500.0

***** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
10	1.00	0	2	36500.0
20	0.75	0	12	49300.0
30	0.75	0	11	47200.0

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9914 DST #3 Krey #2-36 Berexco Inc.
 DATE: 03/17/97

TIME: 23:51:16

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
***** Initial Hydro.	144.00	2507.5	0.0	126.56		
***** Start Flow 1	0.00	82.3	0.0	128.01		
	1.00	83.2	0.9	128.55		
	2.00	81.5	-0.9	128.99		
	3.00	84.1	1.8	129.37		
	4.00	85.5	3.1	129.69		
	5.00	87.7	5.4	129.98		
	6.00	87.1	4.8	130.22		
	7.00	87.1	4.8	130.45		
	8.00	89.5	7.2	130.64		
	9.00	85.9	3.6	130.82		
	10.00	90.2	7.9	130.98		
	11.00	91.8	9.5	131.13		
	12.00	88.5	6.2	131.30		
	13.00	90.2	7.8	131.41		
	14.00	91.5	9.2	131.56		
	15.00	91.0	8.7	131.73		
	16.00	90.5	8.1	131.91		
	17.00	92.6	10.3	132.14		
	18.00	94.4	12.1	132.38		
	19.00	94.4	12.1	132.65		
	20.00	92.5	10.2	132.92		
	21.00	91.9	9.6	133.12		
	22.00	91.2	8.9	133.30		
	23.00	93.4	11.1	133.46		
	24.00	94.1	11.8	133.61		
	25.00	92.1	9.8	133.72		
	26.00	92.1	9.8	133.84		
	27.00	93.4	11.1	133.93		
***** End Flow 1	28.00	93.4	11.1	134.03		
***** Start Shutin 1	0.00	93.4	0.0	134.03	0.0000	0.009
	1.00	238.0	144.6	134.14	29.0000	0.057
	2.00	362.3	268.9	134.23	15.0000	0.131
	3.00	465.1	371.7	134.32	10.3333	0.216
	4.00	550.9	457.5	134.38	8.0000	0.303
	5.00	624.2	530.7	134.42	6.6000	0.390
	6.00	686.5	593.1	134.47	5.6667	0.471
	7.00	740.0	646.6	134.49	5.0000	0.548
	8.00	786.3	692.8	134.50	4.5000	0.618
	9.00	826.5	733.1	134.53	4.1111	0.683
	10.00	861.4	768.0	134.55	3.8000	0.742
	11.00	892.2	798.7	134.59	3.5455	0.796
	12.00	919.3	825.9	134.60	3.3333	0.845
	13.00	943.3	849.9	134.67	3.1538	0.890
	14.00	964.7	871.3	134.67	3.0000	0.931
	15.00	983.8	890.4	134.75	2.8667	0.968
	16.00	1001.0	907.5	134.76	2.7500	1.002
	17.00	1016.5	923.1	134.81	2.6471	1.033
	18.00	1030.5	937.1	134.82	2.5556	1.062
	19.00	1043.3	949.8	134.88	2.4737	1.088
	20.00	1054.9	961.4	134.92	2.4000	1.113

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9914 DST #3 Krey #2-36 Berexco Inc.

DATE: 03/17/97

TIME: 23:51:16

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶	
21.00	1065.5	972.1	134.95	2.3333	1.135	
22.00	1075.2	981.8	134.98	2.2727	1.156	
23.00	1084.2	990.8	134.98	2.2174	1.176	
24.00	1092.4	999.0	135.00	2.1667	1.193	
25.00	1100.1	1006.6	135.02	2.1200	1.210	
26.00	1107.2	1013.8	135.06	2.0769	1.226	
27.00	1113.8	1020.4	135.09	2.0370	1.241	
28.00	1119.9	1026.5	135.13	2.0000	1.254	
29.00	1125.7	1032.3	135.14	1.9655	1.267	
30.00	1131.1	1037.7	135.20	1.9333	1.279	
31.00	1136.0	1042.6	135.22	1.9032	1.291	
32.00	1140.7	1047.3	135.25	1.8750	1.301	
33.00	1145.3	1051.8	135.28	1.8485	1.312	
34.00	1149.5	1056.0	135.30	1.8235	1.321	
35.00	1153.5	1060.1	135.32	1.8000	1.331	
36.00	1157.3	1063.9	135.35	1.7778	1.339	
37.00	1160.8	1067.4	135.37	1.7568	1.347	
38.00	1164.2	1070.8	135.40	1.7368	1.355	
39.00	1167.4	1073.9	135.43	1.7179	1.363	
40.00	1170.5	1077.1	135.44	1.7000	1.370	
41.00	1173.3	1079.9	135.48	1.6829	1.377	
42.00	1176.2	1082.7	135.51	1.6667	1.383	
43.00	1178.8	1085.4	135.53	1.6512	1.390	
44.00	1181.3	1087.8	135.55	1.6364	1.395	
45.00	1183.7	1090.3	135.57	1.6222	1.401	
46.00	1186.0	1092.6	135.60	1.6087	1.407	
47.00	1188.2	1094.8	135.64	1.5957	1.412	
48.00	1190.3	1096.8	135.64	1.5833	1.417	
49.00	1192.2	1098.8	135.65	1.5714	1.421	
50.00	1194.1	1100.7	135.69	1.5600	1.426	
51.00	1196.0	1102.6	135.72	1.5490	1.430	
52.00	1197.8	1104.4	135.73	1.5385	1.435	
53.00	1199.5	1106.1	135.74	1.5283	1.439	
54.00	1201.2	1107.8	135.77	1.5185	1.443	
55.00	1202.8	1109.3	135.79	1.5091	1.447	
56.00	1204.3	1110.9	135.82	1.5000	1.450	
57.00	1205.9	1112.4	135.83	1.4912	1.454	
58.00	1207.3	1113.8	135.85	1.4828	1.457	
59.00	1208.6	1115.2	135.87	1.4746	1.461	
60.00	1209.9	1116.5	135.90	1.4667	1.464	
61.00	1211.3	1117.8	135.91	1.4590	1.467	
62.00	1212.4	1119.0	135.94	1.4516	1.470	
63.00	1213.7	1120.3	135.96	1.4444	1.473	
64.00	1214.7	1121.3	135.96	1.4375	1.476	
65.00	1215.9	1122.5	135.96	1.4308	1.479	
66.00	1216.9	1123.5	136.00	1.4242	1.481	
67.00	1218.0	1124.6	136.01	1.4179	1.484	
***** End Shut-in 1	68.00	1219.1	1125.6	136.03	1.4118	1.486
***** Start Flow 2	0.00	58.4	0.0	135.94		
	1.00	62.0	3.5	135.93		
	2.00	63.1	4.7	135.96		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9914 DST #3 Krey #2-36 Berexco Inc.

DATE: 03/17/97

TIME: 23:51:16

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
3.00	65.2	6.8	135.99		
4.00	68.2	9.8	136.03		
5.00	72.2	13.8	136.06		
6.00	76.6	18.1	136.12		
7.00	80.8	22.3	136.17		
8.00	84.8	26.3	136.21		
9.00	86.1	27.6	136.27		
10.00	86.2	27.8	136.33		
11.00	86.0	27.6	136.38		
12.00	86.1	27.7	136.44		
13.00	86.9	28.5	136.49		
14.00	87.2	28.8	136.54		
15.00	87.4	29.0	136.59		
16.00	87.5	29.1	136.62		
17.00	87.5	29.1	136.67		
18.00	88.0	29.5	136.69		
19.00	87.9	29.5	136.74		
20.00	88.0	29.5	136.78		
21.00	88.2	29.7	136.82		
22.00	88.0	29.5	136.86		
23.00	88.3	29.9	136.89		
24.00	88.3	29.8	136.93		
25.00	88.4	30.0	136.97		
26.00	88.2	29.7	137.00		
27.00	88.2	29.8	137.04		
28.00	88.2	29.7	137.08		
29.00	88.5	30.0	137.10		
30.00	88.2	29.8	137.13		
31.00	88.1	29.6	137.16		
32.00	88.3	29.9	137.20		
***** End Flow 2					
***** Start Shutin 2	0.00	88.3	0.0	137.20	0.0000 0.008
	1.00	98.8	10.4	137.22	61.0000 0.01
	2.00	225.6	137.3	137.26	31.0000 0.051
	3.00	330.5	242.2	137.32	21.0000 0.109
	4.00	420.4	332.0	137.37	16.0000 0.177
	5.00	497.6	409.3	137.42	13.0000 0.248
	6.00	564.7	476.3	137.46	11.0000 0.319
	7.00	622.7	534.4	137.51	9.5714 0.388
	8.00	673.5	585.1	137.55	8.5000 0.454
	9.00	718.1	629.7	137.58	7.6667 0.516
	10.00	757.2	668.8	137.60	7.0000 0.573
	11.00	791.8	703.4	137.67	6.4545 0.627
	12.00	822.6	734.2	137.71	6.0000 0.677
	13.00	850.0	761.7	137.76	5.6154 0.723
	14.00	874.6	786.2	137.82	5.2857 0.765
	15.00	896.8	808.4	137.88	5.0000 0.804
	16.00	916.7	828.4	137.95	4.7500 0.840
	17.00	934.8	846.4	138.02	4.5294 0.874
	18.00	951.2	862.8	138.12	4.3333 0.905
	19.00	966.3	877.9	138.18	4.1579 0.934
	20.00	980.0	891.6	138.27	4.0000 0.960

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9914 DST #3 Krey #2-36 Berexco Inc.

DATE: 03/17/97

TIME: 23:51:16

TE
DA

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
21.00	992.6	904.2	138.37	3.8571	0.985
22.00	1004.3	915.9	138.45	3.7273	1.009
23.00	1015.0	926.6	138.54	3.6087	1.030
24.00	1024.9	936.5	138.60	3.5000	1.050
25.00	1034.1	945.7	138.72	3.4000	1.069
26.00	1042.7	954.4	138.80	3.3077	1.087
27.00	1050.7	962.3	138.90	3.2222	1.104
28.00	1058.2	969.9	138.99	3.1429	1.120
29.00	1065.2	976.8	139.05	3.0690	1.135
30.00	1071.8	983.5	139.14	3.0000	1.149
31.00	1078.0	989.7	139.22	2.9355	1.162
32.00	1083.9	995.6	139.28	2.8750	1.175
33.00	1089.4	1001.0	139.34	2.8182	1.187
34.00	1094.5	1006.2	139.41	2.7647	1.198
35.00	1099.5	1011.2	139.46	2.7143	1.209
36.00	1104.1	1015.8	139.52	2.6667	1.219
37.00	1108.5	1020.1	139.55	2.6216	1.229
38.00	1112.8	1024.4	139.59	2.5789	1.238
39.00	1116.8	1028.4	139.64	2.5385	1.247
40.00	1120.5	1032.2	139.68	2.5000	1.256
41.00	1124.1	1035.7	139.72	2.4634	1.264
42.00	1127.5	1039.2	139.77	2.4286	1.271
43.00	1130.9	1042.5	139.80	2.3953	1.279
44.00	1134.0	1045.7	139.83	2.3636	1.286
45.00	1137.1	1048.8	139.87	2.3333	1.293
46.00	1140.1	1051.8	139.89	2.3043	1.300
47.00	1142.9	1054.5	139.92	2.2766	1.306
48.00	1145.5	1057.2	139.96	2.2500	1.312
49.00	1148.2	1059.9	139.98	2.2245	1.318
50.00	1150.6	1062.2	139.99	2.2000	1.324
51.00	1153.0	1064.7	140.02	2.1765	1.329
52.00	1155.3	1066.9	140.04	2.1538	1.335
53.00	1157.5	1069.2	140.05	2.1321	1.340
54.00	1159.6	1071.2	140.08	2.1111	1.345
55.00	1161.7	1073.4	140.09	2.0909	1.350
56.00	1163.7	1075.3	140.10	2.0714	1.354
57.00	1165.6	1077.2	140.13	2.0526	1.359
58.00	1167.4	1079.0	140.13	2.0345	1.363
59.00	1169.2	1080.9	140.16	2.0169	1.367
60.00	1170.9	1082.6	140.19	2.0000	1.371
61.00	1172.6	1084.3	140.22	1.9836	1.375
62.00	1174.3	1086.0	140.00	1.9677	1.379
63.00	1175.9	1087.6	140.18	1.9524	1.383
64.00	1177.4	1089.0	140.21	1.9375	1.386
65.00	1178.9	1090.5	140.23	1.9231	1.390
66.00	1180.4	1092.1	140.23	1.9091	1.393
67.00	1181.8	1093.5	140.24	1.8955	1.397

***** End Shut-in 2

* ***** Final Hydro. 348.00 2488.1 0.0 140.81

*

TEST HISTORY

9914 DST #3 Krey #2-36 Berexco Inc.

Flag Points

	t (Min.)	P (PSig)
A:	0.00	2507.52
B:	0.00	82.32
C:	28.00	93.43
D:	68.00	1219.85
E:	0.00	58.45
F:	32.00	88.35
G:	67.00	1181.84
Q:	0.00	2488.14

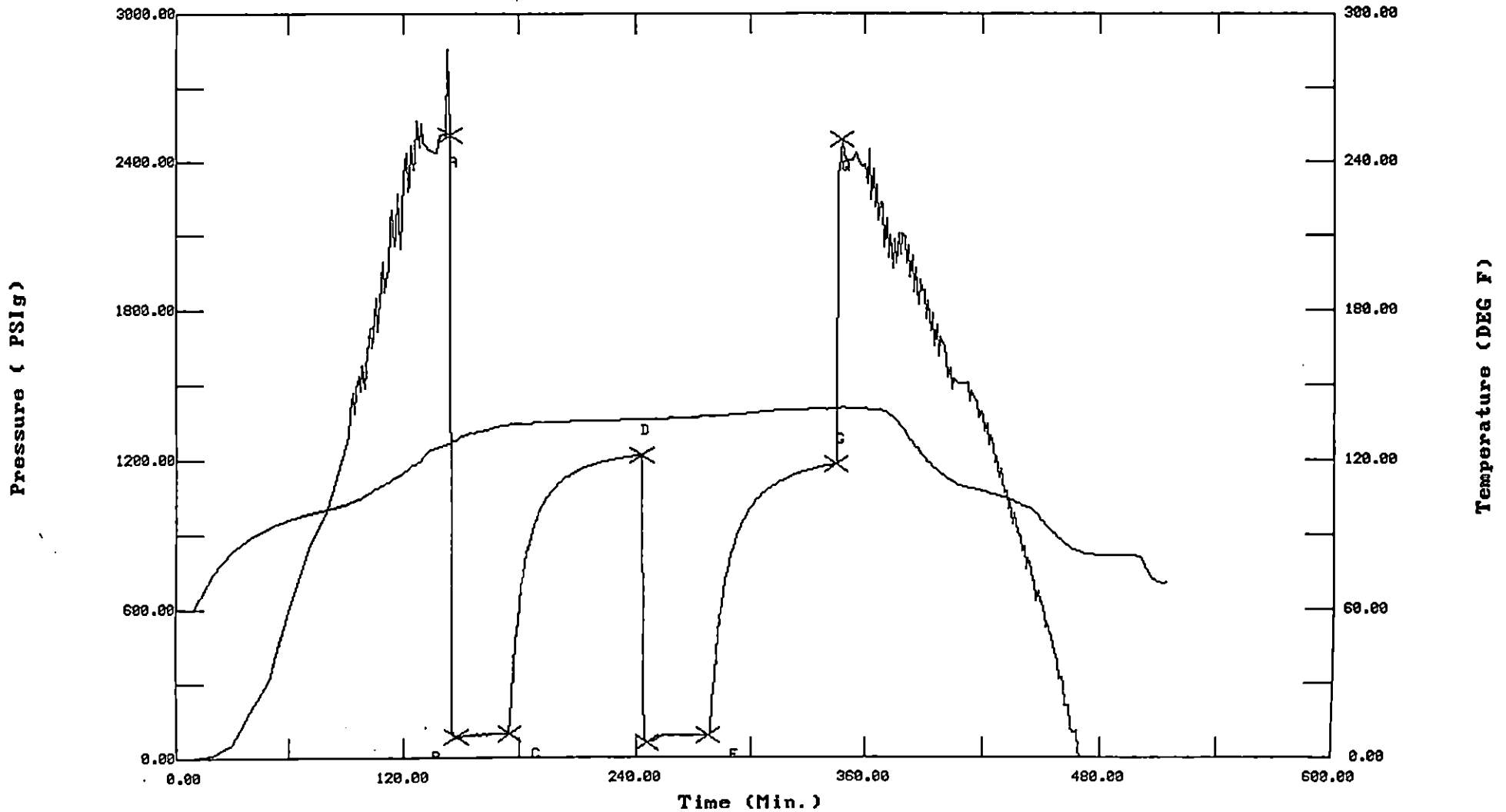
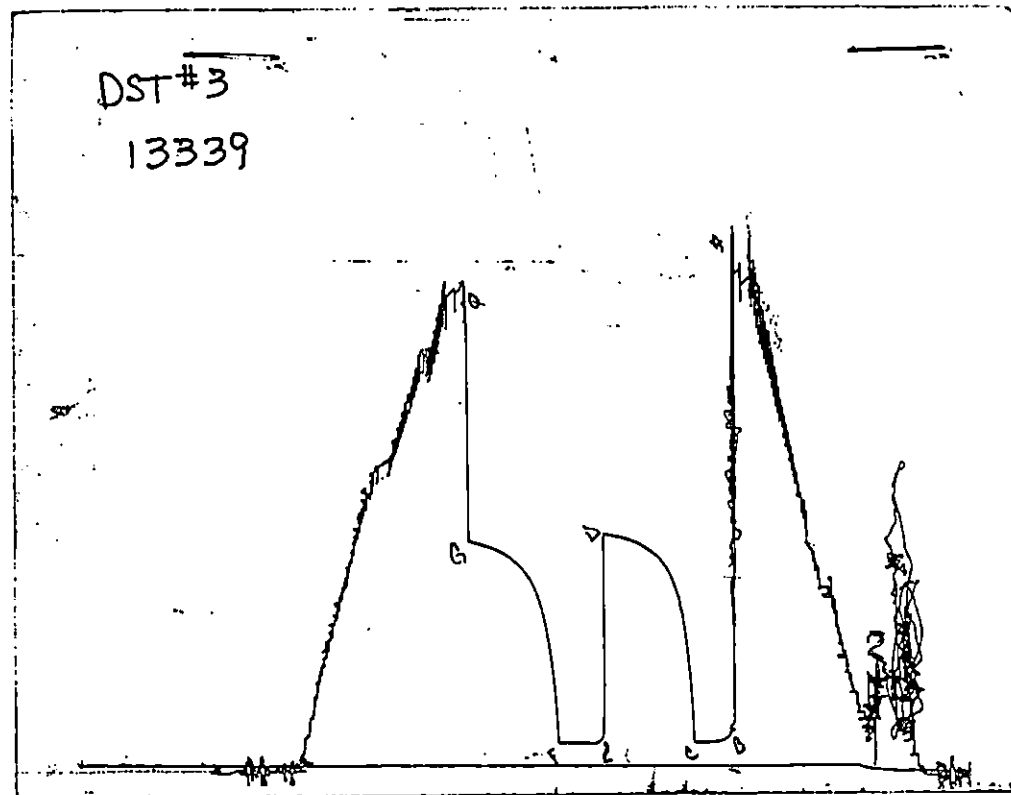


CHART PAGE



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 9914

Well Name & No. Krey #2-36 Test No. 3 Date 3-18-97
 Company Berexco, Inc. Zone Tested St. Louis
 Address 910 Fourth Financial Ctr. Wichita, KS. 67202 Elevation 3421 KB 3409 GL
 Co. Rep / Geo. Dave Lowe Cont. Berexco #1 Est. Ft. of Pay Por. %
 Location: Sec. 36 Twp. 32^S Rge. 41^W Co. Morton State KS
 No. of Copies Distribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 5199 - 5245 Initial Str Wt./Lbs. 110,000 Unseated Str Wt./Lbs. 115,000
 Anchor Length 46' Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 150,000
 Top Packer Depth 5194 Tool Weight 1,800
 Bottom Packer Depth 5199 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Total Depth 5245 Wt. Pipe Run Drill Collar Run 4 1/2" H 90 636'
 Mud Wt. 8.9 LCM Vis. 5B WL n/a Drill Pipe Size 4 1/2" XH Ft. Run 4548'
 Blow Description IF: Strong blow off btm in 1 min GTS @ 13 min
ISI: Bled off blow - no return
FF: Strong return gauged 11" / wtr on 3/4" = 47.2 mcf/day
FSI: Bled off blow - no return

Recovery — Total Feet 200' GIP GTS - 13 mins. Ft. in DC 200' Ft. in DP

Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec. <u>200'</u>	Feet Of <u>Drlg. Mud</u>	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud

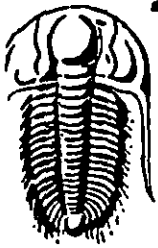
BHT 140° °F Gravity °API D@ °F Corrected Gravity °API
 RW @ °F Chlorides ppm Recovery Chlorides 1250 ppm System

(A) Initial Hydrostatic Mud	<u>2563</u>	<u>2507</u>	PSI	Recorder No. <u>2341</u>	T-Started <u>2350</u>	H-17
(B) First Initial Flow Pressure	<u>114</u>	<u>82</u>	PSI	(depth) <u>5206</u>	T-Open <u>0215</u>	
(C) First Final Flow Pressure	<u>114</u>	<u>93</u>	PSI	Recorder No. <u>13339</u>	T-Pulled <u>0530</u>	
(D) Initial Shut-in Pressure	<u>1220</u>	<u>1219</u>	PSI	(depth) <u>5240</u>	T-Out <u>0830</u>	
(E) Second Initial Flow Pressure	<u>114</u>	<u>58</u>	PSI	Recorder No. <u> </u>		
(F) Second Final Flow Pressure	<u>207</u>	<u>88</u>	PSI	(depth) <u> </u>		
(G) Final Shut-in Pressure	<u>1170</u>	<u>1181</u>	PSI	Initial Opening <u>30</u>	Test <u> </u>	
(H) Final Hydrostatic Mud	<u>2503</u>	<u>2488</u>	PSI	Initial Shut-in <u>60</u>	Jars <u>X</u>	
				Final Flow <u>30</u>	Safety Joint <u>X</u>	
				Final Shut-in <u>60</u>	Straddle <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 [Signature]
 Our Representative Rod Steinbrink

Circ. Sub X N/C
 Sampler
 Extra Packer
 Elect. Rec. X
 Other
 TOTAL PRICE \$



TRILOBITE TESTING

P.O. Box 362 • Hays, Kansas 67801 • (913) 625-4778

GAS VOLUME REPORT

Berexco, Inc.
OPERATOR

Keen #236
WELL NAME AND NO.

3
DST NO.

Initial Flow

Min.	Ins. of Water 2216	Orifice Size	MCF/D	Min.	Ins. of Water 2216	Orifice Size	MCF/D
13		3/4"		10	2	1"	36.5
15	10	1"	81.6	20	12	3/4"	49.3
20	23		44.7	30	11	3/4"	47.2
30	2	1"	36.5				

Remarks:
Gas does burn