

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name BRANINE #1-3 Test No. 1 Date 7/27/92
Company BEREXCO INC Zone LANSING "E"
Address 970 4th FINANCIAL CNTR WICHITA KS 67202 Elevation 3279
Co. Rep./Geo. CHARLIE SPRADLIN Cont. BEREDCO DRLG RIG #4 Est. Ft. of Pay _____
Location: Sec. 3 Twp. 24S Rge. 37W Co. KEARNY State KS

Interval Tested 3977-3992
Anchor Length 15
Top Packer Depth 3972
Bottom Packer Depth 3977
Total Depth 3992

Drill Pipe Size 4.5 XH
Wt. Pipe I.D. - 2.7 Ft. Run _____
Drill Collar - 2.25 Ft. Run 616
Mud Wt. 9 lb/Gal.
Viscosity 54 Filtrate 9.4

Tool Open @ 6:53 AM Initial Blow WEAK SURFACE BLOW SLOWLY BUILT TO 2"

Final Blow SURFACE BLOW AFTER 5 MINUTES BUILT TO 1/2" THROUGHOUT

Recovery - Total Feet 120 Flush Tool? NO

Rec. 120 Feet of MUDDY SULFER WATER
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 109 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW 0.43 @ 78 °F Chlorides 14000 ppm Recovery Chlorides 3500 ppm System

(A) Initial Hydrostatic Mud 1937.8 PSI AK1 Recorder No. 13309 Range 4700

(B) First Initial Flow Pressure 20.8 PSI @ (depth) 3982 w / Clock No. 25814

(C) First Final Flow Pressure 23.9 PSI AK1 Recorder No. 13339 Range 4025

(D) Initial Shut-in Pressure 968.9 PSI @ (depth) 3987 w / Clock No. 27566

(E) Second Initial Flow Pressure 82.1 PSI AK1 Recorder No. _____ Range _____

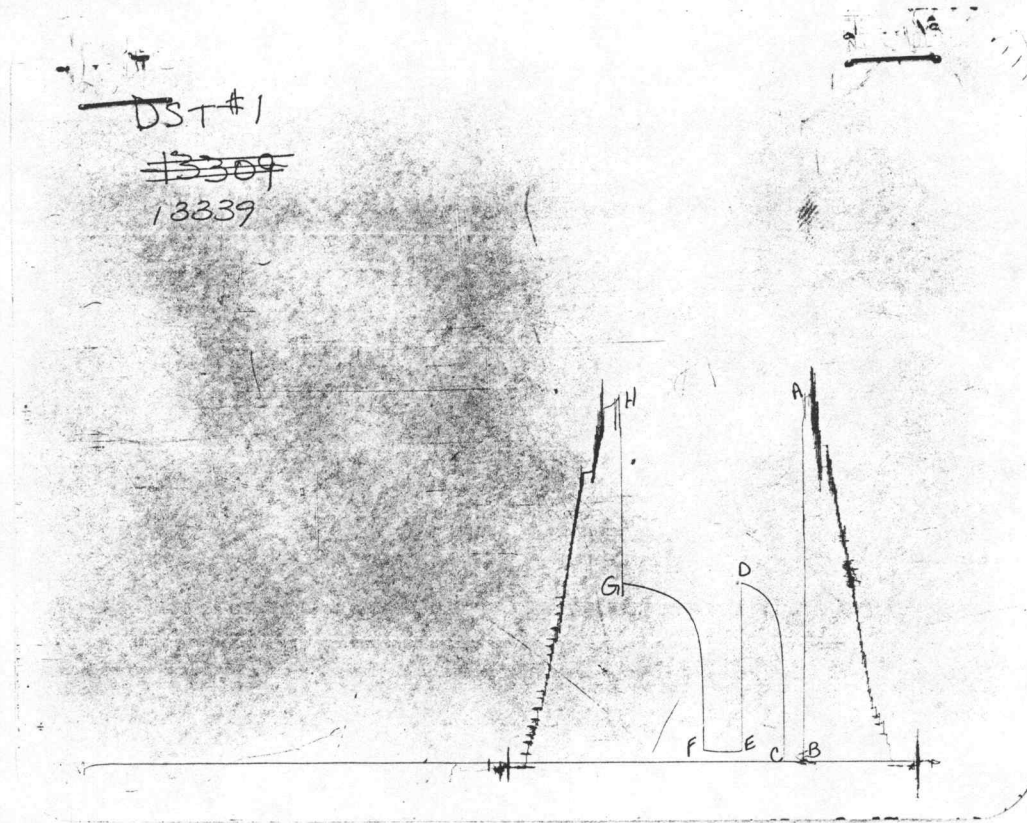
(F) Second Final Flow Pressure 86.3 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 969.9 PSI Initial Opening 15 Final Flow 30

(H) Final Hydrostatic Mud 1930.8 PSI Initial Shut-in 30 Final Shut-in 60

Our Representative ROD STEINBRINK

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1922	1937.8
(B) FIRST INITIAL FLOW PRESSURE	20	20.8
(C) FIRST FINAL FLOW PRESSURE	20	23.9
(D) INITIAL CLOSED-IN PRESSURE	940	968.9
(E) SECOND INITIAL FLOW PRESSURE	80	82.1
(F) SECOND FINAL FLOW PRESSURE	85	86.3
(G) FINAL CLOSED-IN PRESSURE	960	969.9
(H) FINAL HYDROSTATIC MUD	1900	1930.8

Berexco

WELL NAME _____

DST # _____

RECORDER # _____

13339

INIT. HYD. MUD. _____

FINAL HYD. MUD _____

INITIAL FLOW

INITIAL SHUTIN

FINAL FLOW

FINAL SHUTIN

MINUTES _____

MINUTES _____

MINUTES _____

MINUTES _____

INTERVAL _____

INTERVAL _____

INTERVAL _____

INTERVAL _____

DST #1

1.915 - 1937.8

DST #2

1

A

.020 - 20.8

2

1.961 1983.9

B

.023 - 23.9

3

.077 80.0

C

.949 - 968.9

4

.267 277.5

D

.079 - 82.1

5

1.045 1065.2

E

.083 - 86.3

6

.335 348.2

F

.950 - 969.9

7

1.450 467.4

G H

1908 - 1930.8

8

1.045 1065.2

I

9

1.946 1968.9

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TRILOBITE TESTING L.L.C.

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Test Ticket

No 5180

Well Name & No.	Branine #1-3		Test No.	1	Date	7-27-92
Company	Berexco, Inc.		Zone Tested	Lansing 'E'		
Address	970 Fourth Financial Ctr. Wichita, KS. 67202		Elevation	3279 (KB)		
Co. Rep./Geo.	Charlie Spradlin	cont.	Beredco #4	Est. Ft. of Pay		
Location: Sec.	3	Twp.	24 S	Rge.	37 W	co. Kearny State KS
No. of Copies	Distribution Sheet		Yes	No	Turnkey	Yes X No Evaluation

Interval Tested	3977 - 3992	Drill Pipe Size	4 1/2" XH
Anchor Length	15'	Top Choke — 1"	Bottom Choke — 3/4"
Top Packer Depth	3972	Hole Size — 7 7/8"	Rubber Size — 6 3/4"
Bottom Packer Depth	3977	Wt. Pipe I.D. — 2.7 Ft. Run	—
Total Depth	3992	Drill Collar — 2.25 Ft. Run	616'
Mud Wt.	9.0	lb/gal.	Viscosity 54 Filtrate 9.4
Tool Open @	6:53 am Initial Blow Weak surface blow slowly built to 2"		

Final Blow Surface blow after 5 mins. built to 1/2" throughout.

Recovery — Total Feet	120'	Feet of Gas in Pipe		Flush Tool?	No
Rec.		Feet Of	%gas %oil %water %mud		
Rec.	120'	Feet Of	Muddy Sulfur Water %gas %oil 20 %water 80 %mud		
Rec.		Feet Of	%gas %oil %water %mud		
Rec.		Feet Of	%gas %oil %water %mud		
Rec.		Feet Of	%gas %oil %water %mud		

BHT	109	°F Gravity		°API @		°F Corrected Gravity		°API
RW	.43	@	78°	°F Chlorides	14,000	ppm Recovery	Chlorides 3,500	ppm System
(A) Initial Hydrostatic Mud	1622	PSI	AK1 Recorder No.	13309	Range	4700		
(B) First Initial Flow Pressure	20	PSI	@ (depth)	3982	w/Clock No.	25814		
(C) First Final Flow Pressure	20	PSI	AK1 Recorder No.	13339	Range	4025		
(D) Initial Shut-In Pressure	829	PSI	@ (depth)	3987	w/Clock No.	27566		
(E) Second Initial Flow Pressure	41	PSI	AK1 Recorder No.		Range			
(F) Second Final Flow Pressure	62	PSI	@ (depth)		w/Clock No.			
(G) Final Shut-In Pressure	829	PSI	Initial Opening	15	Test			
(H) Final Hydrostatic Mud	1562	PSI	Initial Shut-In	30	Jars	X		

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.

Final Flow	30	Safety Joint	X
Final Shut-In	60	Straddle	
		Circ. Sub	X N/C
		Sampler	
		Extra Packer	
		Other	
		TOTAL PRICE \$	800.00

Approved By Charles B. Spradlin
 Our Representative Rod Steinbrink

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name BRANINE #1-3 Test No. 2 Date 7/28/92
Company BEREXCO INC Zone LANSING "I"
Address 970 4th FINANCIAL CNTR WICHITA KS 67202 Elevation 3279
Co. Rep./Geo. CHARLIE SPRADLIN Cont. BEREDCO DRLG RIG #4 Est. Ft. of Pay 10
Location: Sec. 3 Twp. 24S Rge. 37W Co. KEARNY State KS

Interval Tested 4095-4112
Anchor Length 17
Top Packer Depth 4090
Bottom Packer Depth 4095
Total Depth 4112

Drill Pipe Size 4.5 XH
Wt. Pipe I.D. - 2.7 Ft. Run 616
Drill Collar - 2.25 Ft. Run 9
Mud Wt. 65 lb/Gal.
Viscosity 8.4 Filtrate

Tool Open @ 1:53 AM Initial Blow SURFACE BLOW BUILT OFF BOTTOM IN 6 MINUTES
ISI: BLED OFF BLOW-NO RETURN
Final Blow SURFACE BLOW BUILT OFF BOTTOM IN 8 MINUTES
FSI: BLED OFF BLOW-NO RETURN

Recovery - Total Feet 1100 Flush Tool? NO

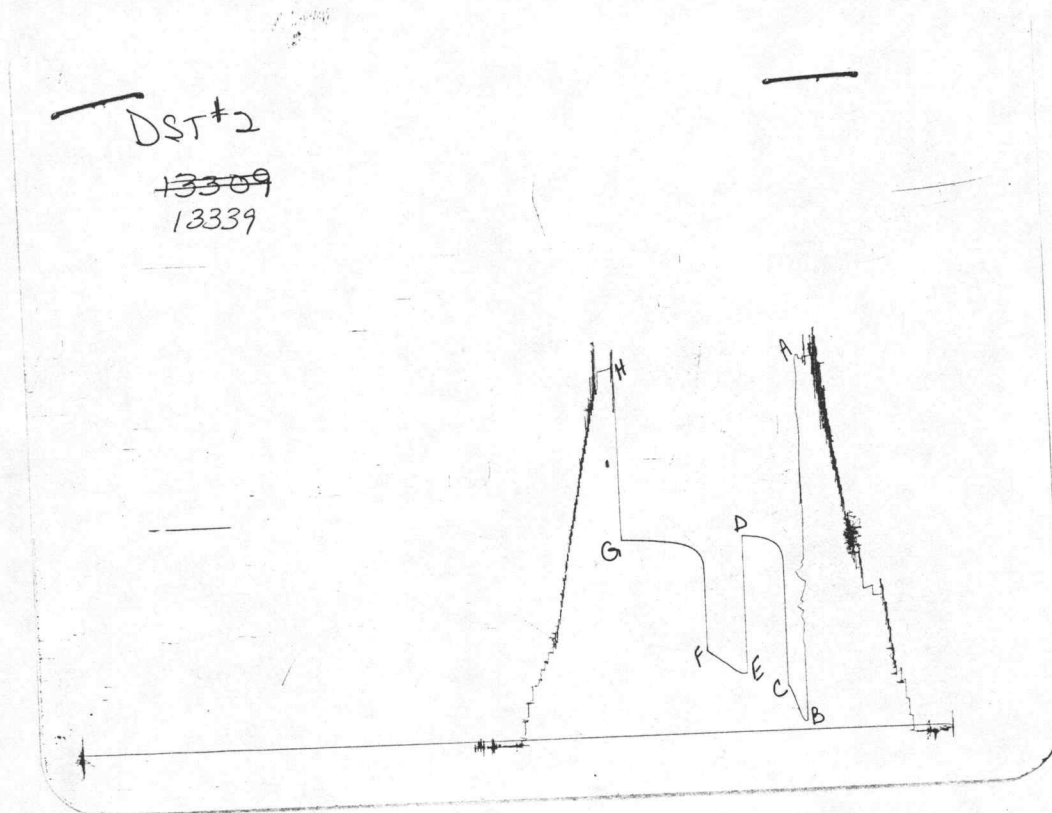
Rec. 1100 Feet of SULFUR WATER
Rec. Feet of
Rec. Feet of
Rec. Feet of
Rec. Feet of

BHT 111 °F Gravity 59 °API 8500 @ °F Corrected Gravity 5500 °API
RW 0.81 @ °F Chlorides ppm Recovery Chlorides ppm System

(A) Initial Hydrostatic Mud 1983.9 PSI AK1 Recorder No. 13309 Range 4700
(B) First Initial Flow Pressure 80.0 PSI @ (depth) 4102 w / Clock No. 25814
(C) First Final Flow Pressure 277.5 PSI AK1 Recorder No. 13339 Range 4025
(D) Initial Shut-in Pressure 1065.2 PSI @ (depth) 4107 w / Clock No. 27566
(E) Second Initial Flow Pressure 348.2 PSI AK1 Recorder No. Range
(F) Second Final Flow Pressure 467.4 PSI @ (depth) w / Clock No.
(G) Final Shut-in Pressure 1065.2 PSI Initial Opening 15 Final Flow 30
(H) Final Hydrostatic Mud 1968.9 PSI Initial Shut-in 30 Final Shut-in 60

Our Representative ROD STEINBRINK

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1977	1983.9
(B) FIRST INITIAL FLOW PRESSURE	85	80
(C) FIRST FINAL FLOW PRESSURE	273	277.5
(D) INITIAL CLOSED-IN PRESSURE	1066	1065.2
(E) SECOND INITIAL FLOW PRESSURE	347	348.2
(F) SECOND FINAL FLOW PRESSURE	466	467.4
(G) FINAL CLOSED-IN PRESSURE	1066	1065.2
(H) FINAL HYDROSTATIC MUD	1960	1968.9

TRILOBITE TESTING L.L.C.

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Test Ticket

No 5181

Well Name & No.	Branine #1.3	Test No.	2	Date	7-28-92
Company	Berexco, Inc.	Zone Tested	Lansing 'I'		
Address	970 Fourth Financial Ctr. Wichita, KS. 67202	Elevation	3279 (KB)		
Co. Rep./Geo.	Charlie Spradlin	Cont.	Beredco #4	Est. Ft. of Pay	10'
Location: Sec.	3	Twp.	24 S	Rge.	37 W
		Co.	Kearny	State	KS.
No. of Copies	6	Distribution Sheet	X	Yes	No
		Turnkey	Yes	EX	No
		Evaluation			

Interval Tested	4095 - 4112	Drill Pipe Size	4 1/2" XH
Anchor Length	17'	Top Choke — 1"	Bottom Choke — 3/4"
Top Packer Depth	4090	Hole Size — 7 7/8"	Rubber Size — 6 3/4"
Bottom Packer Depth	4095	Wt. Pipe I.D. — 2.7 Ft. Run	—
Total Depth	4112	Drill Collar — 2.25 Ft. Run	616'
Mud Wt.	9.0	Viscosity	65
	lb / gal.	Filtrate	8.4

Tool Open @ 1:53 am Initial Blow Surface blow built off bottom in 6 mins.

ISI: Bled off blow - no return.

Final Blow Surface blow built off bottom in 8 mins.

FSI: Bled off blow - no return.

Recovery — Total Feet 1100' Feet of Gas in Pipe — Flush Tool? No

Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	1100'	Sulfur Water	%gas	%oil	%water
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud

BHT 111° °F Gravity — °API @ — °F Corrected Gravity — °API

RW .81 @ 59° °F Chlorides 8,500 ppm Recovery Chlorides 5,500 ppm System

(A) Initial Hydrostatic Mud	1682	PSI	AK1 Recorder No.	13309	Range	4700
(B) First Initial Flow Pressure	41	PSI	@ (depth)	4102	w/Clock No.	25814
(C) First Final Flow Pressure	218	PSI	AK1 Recorder No.	13339	Range	4025
(D) Initial Shut-In Pressure	909	PSI	@ (depth)	4107	w/Clock No.	27566
(E) Second Initial Flow Pressure	259	PSI	AK1 Recorder No.	—	Range	—
(F) Second Final Flow Pressure	395	PSI	@ (depth)	—	w/Clock No.	—
(G) Final Shut-In Pressure	909	PSI	Initial Opening	15	Test	350
(H) Final Hydrostatic Mud	1612	PSI	Initial Shut-In	30	Jars	—

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Approved By Charles B. Spradlin

Our Representative Rod Steinbrink

Final Flow 30 Safety Joint X 50

Final Shut-In 60 Straddle

Circ. Sub X N/C

Sampler

Extra Packer

Other

TOTAL PRICE \$ 600

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name BRANINE #1-3 Test No. 3 Date 7/29/92
Company BEREXCO INC Zone MARMATON
Address 970 4th FINANCIAL CNTR WICHITA KS 67202 Elevation 3279
Co. Rep./Geo. CHARLIE SPRADLIN Cont. BEREDCO DRLG RIG #4 Est. Ft. of Pay 16
Location: Sec. 3 Twp. 24S Rge. 37W Co. KEARNY State KS

Interval Tested <u>4382-4407</u>	Drill Pipe Size <u>4.5 XH</u>
Anchor Length <u>25</u>	Wt. Pipe I.D. - 2.7 Ft. Run <u> </u>
Top Packer Depth <u>4377</u>	Drill Collar - 2.25 Ft. Run <u>616</u>
Bottom Packer Depth <u>4382</u>	Mud Wt. <u>9</u> lb/Gal.
Total Depth <u>4407</u>	Viscosity <u>47</u> Filtrate <u>8.4</u>

Tool Open @ 5:37 AM Initial Blow FAIR BLOW BUILT OFF BOTTOM IN 2.5 MINUTES
ISI:BLED OFF BLOW-WEAK SURFACE BLOW IN 10 MINUTES BUILT TO 1/4"
Final Blow WEAK SURFACE RETURN SLOWLY BUILT TO BOTTOM IN 17 MINUTES
FSI:BLED OFF BLOW-NO RETURN

Recovery - Total Feet 890 Flush Tool? NO

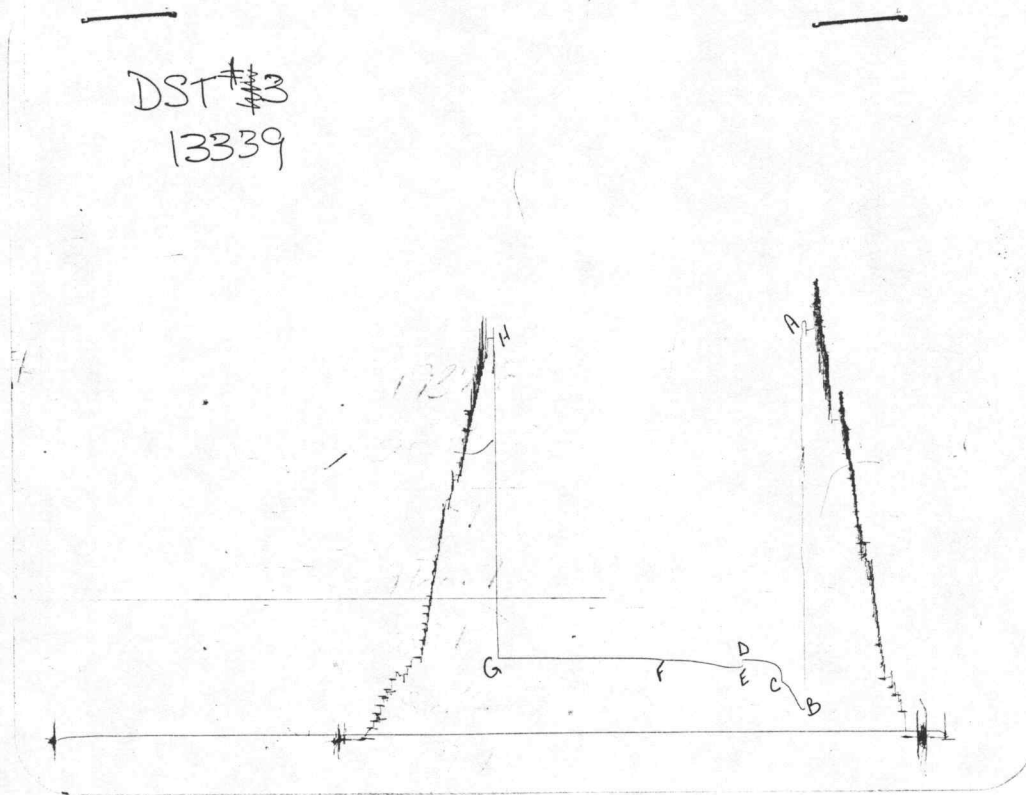
Rec. <u>1</u>	Feet of <u>FREE OIL</u>
Rec. <u>889</u>	Feet of <u>MUDDY WATER</u>
Rec. <u> </u>	Feet of <u> </u>
Rec. <u> </u>	Feet of <u> </u>
Rec. <u> </u>	Feet of <u> </u>

BHT 111 °F Gravity °API @ °F Corrected Gravity °API
RW 0.38 @ 80 °F Chlorides 15000 ppm Recovery Chlorides 4500 ppm System

(A) Initial Hydrostatic Mud <u>2088.9</u> PSI	AK1 Recorder No. <u>13309</u> Range <u>4700</u>
(B) First Initial Flow Pressure <u>125.6</u> PSI	@ (depth) <u>4397</u> w / Clock No. <u>25814</u>
(C) First Final Flow Pressure <u>268.4</u> PSI	AK1 Recorder No. <u>13339</u> Range <u>4025</u>
(D) Initial Shut-in Pressure <u>410.3</u> PSI	@ (depth) <u>4402</u> w / Clock No. <u>27566</u>
(E) Second Initial Flow Pressure <u>366.9</u> PSI	AK1 Recorder No. <u> </u> Range <u> </u>
(F) Second Final Flow Pressure <u>409.2</u> PSI	@ (depth) <u> </u> w / Clock No. <u> </u>
(G) Final Shut-in Pressure <u>409.2</u> PSI	Initial Opening <u>15</u> Final Flow <u>60</u>
(H) Final Hydrostatic Mud <u>2060.7</u> PSI	Initial Shut-in <u>30</u> Final Shut-in <u>120</u>

Our Representative ROD STEINBRINK

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2083	2088.9
(B) FIRST INITIAL FLOW PRESSURE	124	125.6
(C) FIRST FINAL FLOW PRESSURE	270	268.4
(D) INITIAL CLOSED-IN PRESSURE	405	410.3
(E) SECOND INITIAL FLOW PRESSURE	363	366.9
(F) SECOND FINAL FLOW PRESSURE	405	409.2
(G) FINAL CLOSED-IN PRESSURE	405	409.2
(H) FINAL HYDROSTATIC MUD	2063	2060.7

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

N2 5182

Well Name & No.	Branine #1.3		Test No.	3	Date	7.29.92
Company	Berexco, Inc.		Zone Tested	Marmaton		
Address	970 Fourth Financial Ctr. Wichita, KS. 67202		Elevation	3279 (KB)		
Co. Rep./Geo.	Charlie Spradlin	cont.	Beredco #4	Est. Ft. of Pay	16'	
Location: Sec.	3	Twp.	24 S	Rge.	37 W	co. Kearny state KS.
No. of Copies	6	Distribution Sheet	X	Yes	No	Turnkey Yes X No Evaluation

Interval Tested	4382 - 4407	Drill Pipe Size	4 1/2" XH
Anchor Length	25'	Top Choke — 1"	Bottom Choke — 3/4"
Top Packer Depth	4377	Hole Size — 7 7/8"	Rubber Size — 6 3/4"
Bottom Packer Depth	4382	Wt. Pipe I.D. — 2.7 Ft. Run	
Total Depth	4407	Drill Collar — 2.25 Ft. Run	616'

Mud Wt. 9.0 lb/gal. Viscosity 47 Filtrate 8.4

Tool Open @ 5:37 am Initial Blow Fair ~~Weak~~ blow built off bottom in 2 1/2 mins

ISI: Bled off blow. Weak surface blow in 10 mins built to 1/4".

Final Blow Weak surface return slowly built to bottom in 17 mins

FSI: Bled off blow - no return.

Recovery — Total Feet 890' Feet of Gas in Pipe — Flush Tool? No

Rec. 1'	Feet Of	Free Oil	%gas	%oil	%water	%mud
Rec. 890' 889'	Feet Of	Muddy Water	%gas	%oil	%water	%mud
Rec.	Feet Of		%gas	%oil	%water	%mud
Rec.	Feet Of		%gas	%oil	%water	%mud
Rec.	Feet Of		%gas	%oil	%water	%mud

BHT 111° °F Gravity °API @ °F Corrected Gravity °API

RW .38 @ 80° °F Chlorides 15,000 ppm Recovery Chlorides 4,500 ppm System

(A) Initial Hydrostatic Mud 2083 PSI AK1 Recorder No. 13309 Range 4700

(B) First Initial Flow Pressure 124 PSI @ (depth) 4397 w/Clock No. 25814

(C) First Final Flow Pressure 270 PSI AK1 Recorder No. 13339 Range 4025

(D) Initial Shut-In Pressure 405 PSI @ (depth) 4402 w/Clock No. 27566

(E) Second Initial Flow Pressure 363 PSI AK1 Recorder No. Range

(F) Second Final Flow Pressure 405 PSI @ (depth) w/Clock No.

(G) Final Shut-In Pressure 405 PSI Initial Opening 15 Test 550

(H) Final Hydrostatic Mud 2063 PSI Initial Shut-In 30 Jars

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Final Flow 60 Safety Joint X 50

Final Shut-In 120 Straddle

Circ. Sub X N/C

Sampler

Extra Packer

Other

TOTAL PRICE \$ 600

Approved By Charles P. Spradlin

Our Representative Rod Steinbrink

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name BRANINE #1-3 Test No. 4 Date 7/31/92
Company BEREXCO INC Zone MISSISSIPPIA
Address 970 4th FINANCIAL CNTR WICHITA KS 67202 Elevation 3279
Co. Rep./Geo. CHARLIE SPRADLIN Cont. BEREDCO DRLG RIG #4 Est. Ft. of Pay 9
Location: Sec. 3 Twp. 24S Rge. 37W Co. KEARNY State KS

Interval Tested 4935-4956
Anchor Length 21
Top Packer Depth 4930
Bottom Packer Depth 4935
Total Depth 4956

Drill Pipe Size 4.5 XH
Wt. Pipe I.D. - 2.7 Ft. Run 616
Drill Collar - 2.25 Ft. Run 9.1
Mud Wt. 53 lb/Gal.
Viscosity 6.8 Filtrate 6.8

Tool Open @ N/A Initial Blow SURFACE BLOW BUILT TO 1/2"
ISI: NO BLOW
Final Blow WEAK SURFACE RETURN SLOWLY BUILT TO BOTTOM OF BUCKET IN 50 MINS
FSI: bled off BLOW-NO RETURN

Recovery - Total Feet 100 Flush Tool? NO

Rec. 545 Feet of GAS IN PIPE
Rec. 50 Feet of OIL CUT MUD-30%OIL/70%MUD
Rec. 50 Feet of GSY OIL CUT MUD-40%GAS/30%OIL/30%MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____

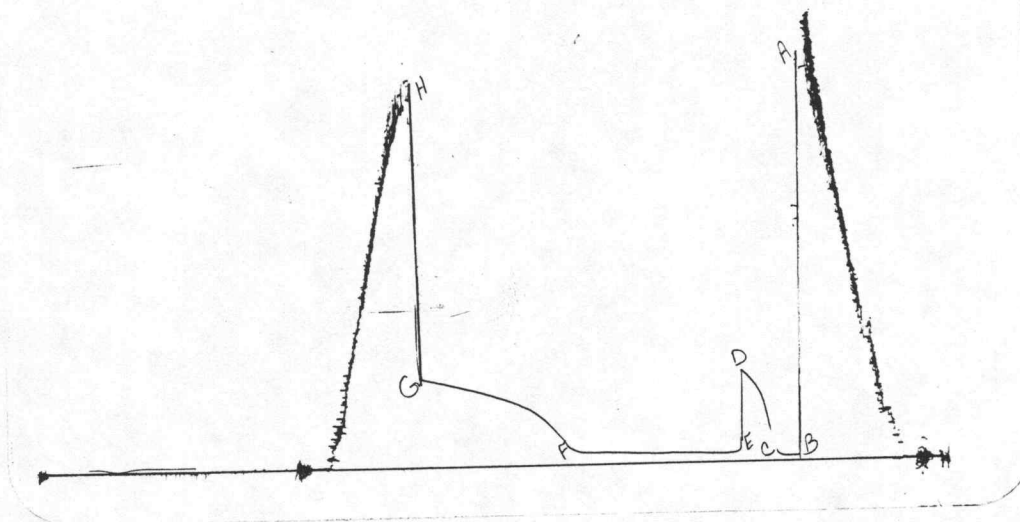
BHT 119 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 3100 ppm System

(A) Initial Hydrostatic Mud 2475.9 PSI AK1 Recorder No. 13309 Range 4700
(B) First Initial Flow Pressure 43.7 PSI @ (depth) 4946 w / Clock No. 25814
(C) First Final Flow Pressure 43.7 PSI AK1 Recorder No. 13339 Range 4025
(D) Initial Shut-in Pressure 559.1 PSI @ (depth) 4951 w / Clock No. 27566
(E) Second Initial Flow Pressure 86.2 PSI AK1 Recorder No. _____ Range _____
(F) Second Final Flow Pressure 82.1 PSI @ (depth) _____ w / Clock No. _____
(G) Final Shut-in Pressure 536.0 PSI Initial Opening 15 Final Flow 120
(H) Final Hydrostatic Mud 2385.7 PSI Initial Shut-in 30 Final Shut-in 120

Our Representative ROD STEINBRINK

CHART PAGE

DST #4
13309



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2423	2475.9
(B) FIRST INITIAL FLOW PRESSURE	31	43.7
(C) FIRST FINAL FLOW PRESSURE	52	43.7
(D) INITIAL CLOSED-IN PRESSURE	549	559.1
(E) SECOND INITIAL FLOW PRESSURE	62	86.2
(F) SECOND FINAL FLOW PRESSURE	83	82.1
(G) FINAL CLOSED-IN PRESSURE	539	536
(H) FINAL HYDROSTATIC MUD	2273	2385.7

DST #

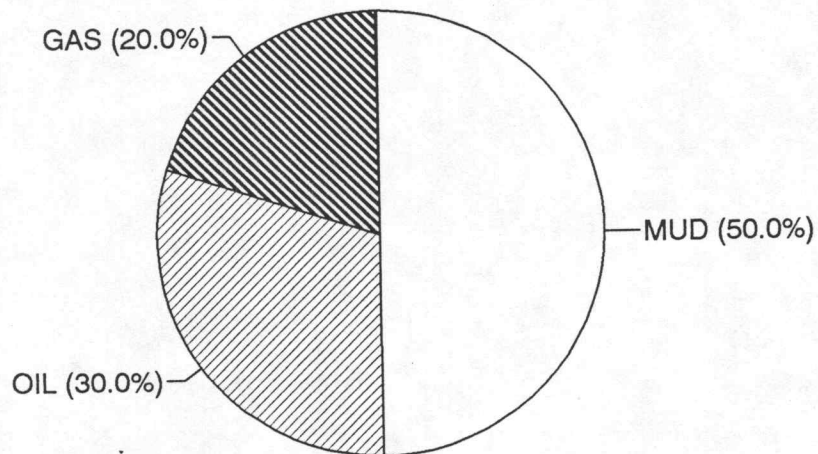
4

TICKET

5183

SAMPLE #	TOTAL FEET	GAS		OIL		WATER		MUD	
		%	FEET	%	FEET	%	FEET	%	FEET
1	50	0	0	30	15	0	0	70	35
2	50	40	20	30	15	0	0	30	15
3			0		0		0		0
4			0		0		0		0
5			0		0		0		0
TOTAL	100	20.00	20	30.00	30	0.00	0	50	50

			HRS OP	BBL/DAY
BBL OIL=	0.1467	*	2.25	1.5648
BBL WATER=	0	*		0
BBL MUD=	0.2445			
BBL GAS=	0.0978			



MUD
OIL
GAS
WTR

WELL NAME Branine #1-3 DST # 4 RECORDER # 13339INIT. HYD. MUD. 2452 2475.9 FINAL HYD. MUD 2362 2385.7INITIAL FLOW
MINUTES 15
INTERVAL 3INITIAL SHUTIN
MINUTES 30
INTERVAL 3FINAL FLOW
MINUTES 120
INTERVAL 6FINAL SHUTIN
MINUTES 120
INTERVAL 6

42	43.7	42	43.7	1	83	86.2	79	82.1
		56	58.2	2	73	75.8	88	91.5
		107	111.2	3			106	110.2
		194	201.7	4	73		155	161.1
		314	326.4	5			205	213.1
42	43.7	387	402.2	6	73		256	266.1
		434	451.1	7			302	313.9
		466	484.4	8			336	349.3
		493	512.0	9			357	371.1
		520	539.0	10			378	392.9
		540	559.1	11			395	410.6
				12			411	427.2
				13			423	439.7
				14			437	454.2
				15			451	468.8
				16			463	481.2
				17	73	75.8	475	493.7
				18	75	77.9	486	505.0
				19	76	79.0	496	515.0
				20	78	81.1	508	527.0
				21	79	82.1	517	536.0
				22				
				23				
				24				
				25				
				26				
				27				

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

N₂ 5183

Well Name & No.	Branine #1-3		Test No.	4	Date	7.31.92
Company	Berexco, Inc.		Zone Tested	Mississippian		
Address	970 Fourth Financial Ctr. Wichita, KS. 67202		Elevation	3279 (KB)		
Co. Rep./Geo.	Charlie Spradlin	cont.	Beredco #4	Est. Ft. of Pay	9'	
Location: Sec.	3	Twp.	24 S	Rge.	37 W	Co. Kearny State KS.
No. of Copies	6	Distribution Sheet	X	Yes	No	Turnkey Yes X No Evaluation

Interval Tested	4935 - 4956	Drill Pipe Size	4 1/2" XH
Anchor Length	21'	Top Choke — 1"	Bottom Choke — 3/4"
Top Packer Depth	4930	Hole Size — 7 7/8"	Rubber Size — 6 3/4"
Bottom Packer Depth	4935	Wt. Pipe I.D. — 2.7 Ft. Run	—
Total Depth	4956	Drill Collar — 2.25 Ft. Run	616'
Mud Wt.	9.1	lb / gal.	Viscosity 53 Filtrate 6.8
Tool Open @	Initial Blow Surface blow built to 1/2"		

ISI: No blow.

Final Blow Weak surface return slowly built to bottom/bucket in 50 mins.
FSI: Bled off blow - no return

Recovery — Total Feet	100'	Feet of Gas in Pipe	545'	Flush Tool?	No
Rec.	50'	Feet Of	OCM	%gas 30 %oil — %water 70 %mud	
Rec.		Feet Of		%gas %oil %water %mud	
Rec.	50'	Feet Of	GOCM	40 %gas 30 %oil — %water 30 %mud	
Rec.		Feet Of		%gas %oil %water %mud	
Rec.		Feet Of		%gas %oil %water %mud	

BHT	119°	°F Gravity		°API @		°F Corrected Gravity		°API
RW		@		°F Chlorides		ppm Recovery	3,100	ppm System

(A) Initial Hydrostatic Mud	2423	PSI AK1 Recorder No.	13309	Range	4700
(B) First Initial Flow Pressure	31	PSI @ (depth)	4946	w/Clock No.	25814
(C) First Final Flow Pressure	52	PSI AK1 Recorder No.	13339	Range	4025
(D) Initial Shut-In Pressure	549	PSI @ (depth)	4951	w/Clock No.	27566
(E) Second Initial Flow Pressure	62	PSI AK1 Recorder No.		Range	
(F) Second Final Flow Pressure	83	PSI @ (depth)		w/Clock No.	
(G) Final Shut-In Pressure	539	PSI Initial Opening	15	Test	
(H) Final Hydrostatic Mud	2273	PSI Initial Shut-In	30	Jars	X

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.

Final Flow	120	Safety Joint	X
Final Shut-In	120	Straddle	

Circ. Sub X N/C

Sampler

Extra Packer

Other

Approved By Charles P. Spradlin

Our Representative Rod Steinbrink

TOTAL PRICE \$ 800.00