

Berkeley

K055/12.720

DST#1

13309



ORANGE 105412 1720

DS-2

3276

Berkeley

DS-13

3276

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name ROSALIE #1-20 Test No. 1 Date 12/7/92
Company BEREXCO INC Zone MORROW
Address 970 FOURTH FINANCIAL CNTR WICHITA KS 67202 Elevation 2911
Co. Rep./Geo. TIM HEDRICK Cont. BEREDCO RIG #2 Est. Ft. of Pay 10
Location: Sec. 20 Twp. 22S Rge. 33W Co. FINNEY State KS

Interval Tested 4652-4713
Anchor Length 61
Top Packer Depth 4647
Bottom Packer Depth 4652
Total Depth 4713

Drill Pipe Size 4.5" XH
Wt. Pipe I.D. - 2.7 Ft. Run 572
Drill Collar - 2.25 Ft. Run 8.9 lb/Gal.
Mud Wt. 48
Viscosity 6 Filtrate

Tool Open @ 5:45 PM Initial Blow SURFACE BLOW SLOWLY BUILT TO 3"
ISI: NO RETURN BLOW

Final Blow SURFACE BLOW BUILT OFF BOTTOM IN 47 MINUTES
FSI: BLED OFF BLOW - SURFACE RETURN

Recovery - Total Feet 270 Flush Tool? NO

Rec. 90 Feet of GSY WTR & MUD CUT OIL-35%GAS/30%OIL/5%WTR/30%MUD
Rec. 90 Feet of GSY OIL CUT MUD-15%GAS/5%OIL/80%MUD
Rec. 90 Feet of GSY OIL CUT MUD-31%GAS/4%OIL/65%MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 114 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 1100 ppm System

(A) Initial Hydrostatic Mud 2230.9 PSI AK1 Recorder No. 13339 Range 4700
(B) First Initial Flow Pressure 65.4 PSI @ (depth) 4657 w / Clock No. 27566
(C) First Final Flow Pressure 65.4 PSI AK1 Recorder No. 13309 Range 4025
(D) Initial Shut-in Pressure 1007.3 PSI @ (depth) 4708 w / Clock No. 25810
(E) Second Initial Flow Pressure 88.7 PSI AK1 Recorder No. _____ Range _____
(F) Second Final Flow Pressure 110.6 PSI @ (depth) _____ w / Clock No. _____
(G) Final Shut-in Pressure 1015.9 PSI Initial Opening 15 Final Flow 60
(H) Final Hydrostatic Mud 2210.9 PSI Initial Shut-in 30 Final Shut-in 120

Our Representative ROD STEINBRINK

DST #	1			TICKET			5643			
SAMPLE	TOTAL	GAS		OIL		WATER		MUD		
#	FEET	%	FEET	%	FEET	%	FEET	%	FEET	
1	90	35	31.5	30	27	5	4.5	30	27	
2	90	15	13.5	5	4.5	0	0	80	72	
3	90	31	27.9	4	3.6	0	0	65	58.5	
4			0		0		0		0	
5			0		0		0		0	
TOTAL	270	27.00	72.9	13.00	35.1	1.67	4.5	58.333333	157.5	

			HRS OP	BBL/DAY
BBL OIL=	0.171639	*	1.25	3.2954688
BBL WATER=	0.022005	*		0.422496
BBL MUD=	0.770175			
BBL GAS=	0.356481			

MUD
OIL
GAS
WTR

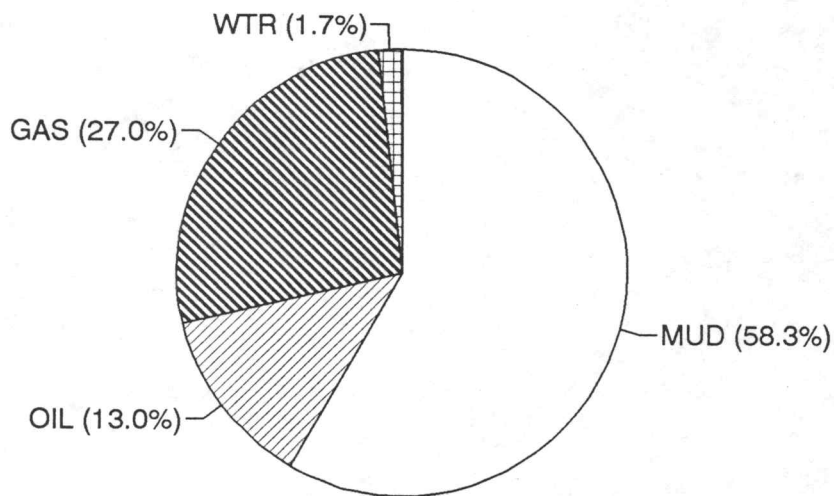
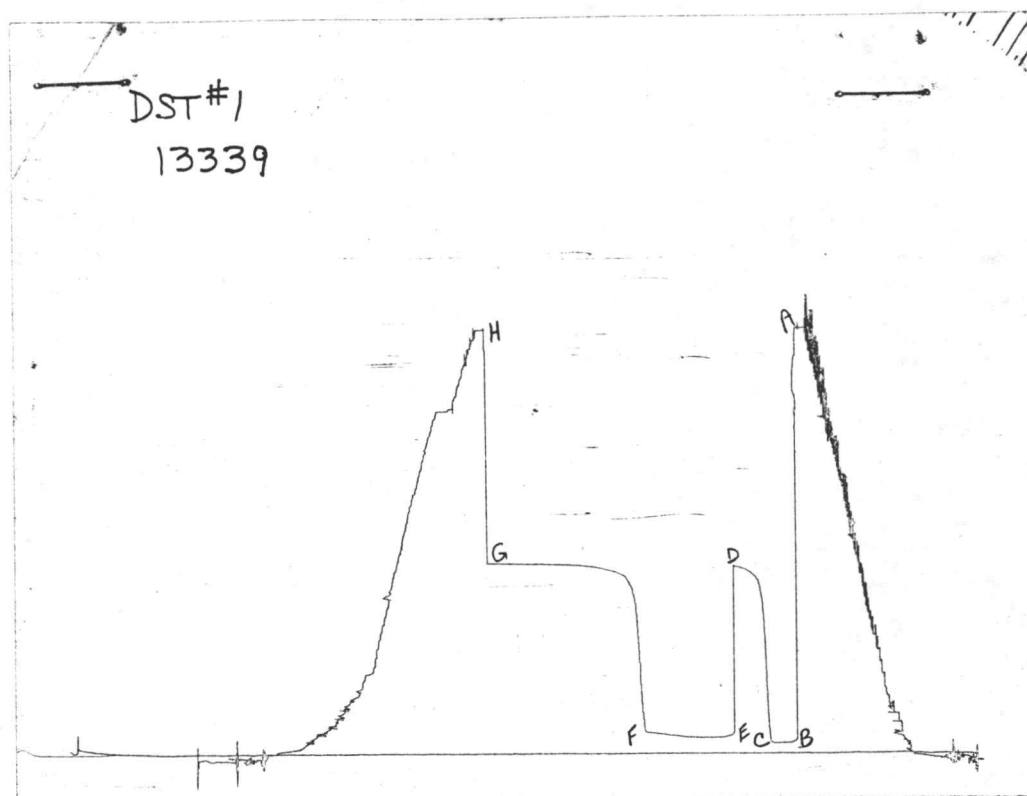


CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2223	2230.9
(B) FIRST INITIAL FLOW PRESSURE	62	65.4
(C) FIRST FINAL FLOW PRESSURE	62	65.4
(D) INITIAL CLOSED-IN PRESSURE	1000	1007.3
(E) SECOND INITIAL FLOW PRESSURE	83	88.7
(F) SECOND FINAL FLOW PRESSURE	104	110.6
(G) FINAL CLOSED-IN PRESSURE	1010	1015.9
(H) FINAL HYDROSTATIC MUD	2203	2210.9

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 5643

Well Name & No.	Beres Rosalie #1-20	Test No.	1	Date	12-7-92
Company	Berexco, Inc.	Zone Tested	Morrow		
Address	970 Fourth Financial Ctr. Wichita, KS. 67202	Elevation	2911 (KB)		
Co. Rep./Geo.	Tim Hedrick	Cont.	Beredco #2	Est. Ft. of Pay	10'
Location: Sec.	20	Twp.	22 S	Rge.	33 W
		Co.	Finney	State	KS.
No. of Copies	9	Distribution Sheet	X	Yes	No
		Turnkey	Yes	X	No
		Evaluation			

Interval Tested	4652 - 4713	Drill Pipe Size	4 1/2" XH
Anchor Length	61'	Top Choke — 1"	Bottom Choke — 3/4"
Top Packer Depth	46487	Hole Size — 77/8"	Rubber Size — 63/4"
Bottom Packer Depth	4652	Wt. Pipe I.D. — 2.7 Ft. Run	
Total Depth	4713	Drill Collar — 2.25 Ft. Run	572'
Mud Wt.	8.9	lb/gal.	Viscosity 48
			Filtrate 6.0

Tool Open @ 5:45 pm. Initial Blow Surface blow slowly built to 3".

ISI: No return blow.

Final Blow Surface blow built off bottom in 47 mins.

FSI: Bled off blow - surface return.

Recovery — Total Feet 270' Feet of Gas in Pipe — Flush Tool? No

Rec. 90'	Feet Of	GWMCO	35	%gas	30	%oil	5	%water	30	%mud
Rec.	Feet Of			%gas		%oil		%water		%mud
Rec. 90'	Feet Of	GOCM	15	%gas	5	%oil	—	%water	80	%mud
Rec.	Feet Of			%gas		%oil		%water		%mud
Rec. 90'	Feet Of	GOCM	31	%gas	4	%oil	—	%water	65	%mud
Rec.	Feet Of			%gas		%oil		%water		%mud

BHT 114° °F Gravity — °API @ — °F Corrected Gravity — °API

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

(A) Initial Hydrostatic Mud 2223 PSI Ak1 Recorder No. 13339 Range 4700

(B) First Initial Flow Pressure 62 PSI @ (depth) 4657 w/Clock No. 27566

(C) First Final Flow Pressure 62 PSI AK1 Recorder No. 13309 Range 4025

(D) Initial Shut-In Pressure 1000 PSI @ (depth) 4708 w/Clock No. ~~4708~~ 25810

(E) Second Initial Flow Pressure 83 PSI AK1 Recorder No. — Range —

(F) Second Final Flow Pressure 104 PSI @ (depth) — w/Clock No. —

(G) Final Shut-In Pressure 1010 PSI Initial Opening 15 Test 600

(H) Final Hydrostatic Mud 2203 PSI Initial Shut-In 30 Jars X 200

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 60 Safety Joint X 50

Final Shut-In 120 Straddle —

Circ. Sub X N/C

Sampler —

Extra Packer —

Other —

Approved By *Tim Hedrick*

Our Representative Rod Steinbrink

TOTAL PRICE 850

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name ROSALIE #1-20 Test No. 2 Date 12/8/92
Company BEREXCO INC Zone MORROW
Address 970 FOURTH FINANCIAL CNTR WICHITA KS 67202 Elevation 2911
Co. Rep./Geo. TIM HEDRICK Cont. BEREDCO RIG #2 Est. Ft. of Pay 13
Location: Sec. 20 Twp. 22S Rge. 33W Co. FINNEY State KS

Interval Tested <u>4715-4741</u>	Drill Pipe Size <u>4.5" XH</u>
Anchor Length <u>26</u>	Wt. Pipe I.D. - 2.7 Ft. Run <u>603</u>
Top Packer Depth <u>4710-4715</u>	Drill Collar - 2.25 Ft. Run <u>603</u>
Bottom Packer Depth <u>4741</u>	Mud Wt. <u>8.9</u> lb/Gal.
Total Depth <u>4754</u>	Viscosity <u>48</u> Filtrate <u>6</u>

Tool Open @ 2:15 PM Initial Blow SURFACE BLOW BUILT TO 4"
ISI: BLED OFF BLOW - NO RETURN
Final Blow SURFACE BLOW BUILT OFF BOTTOM IN 15 MINUTES
FSI: BLED OFF BLOW - SURFACE BLOW DIED IN 20 MINUTES

Recovery - Total Feet 450 Flush Tool? NO

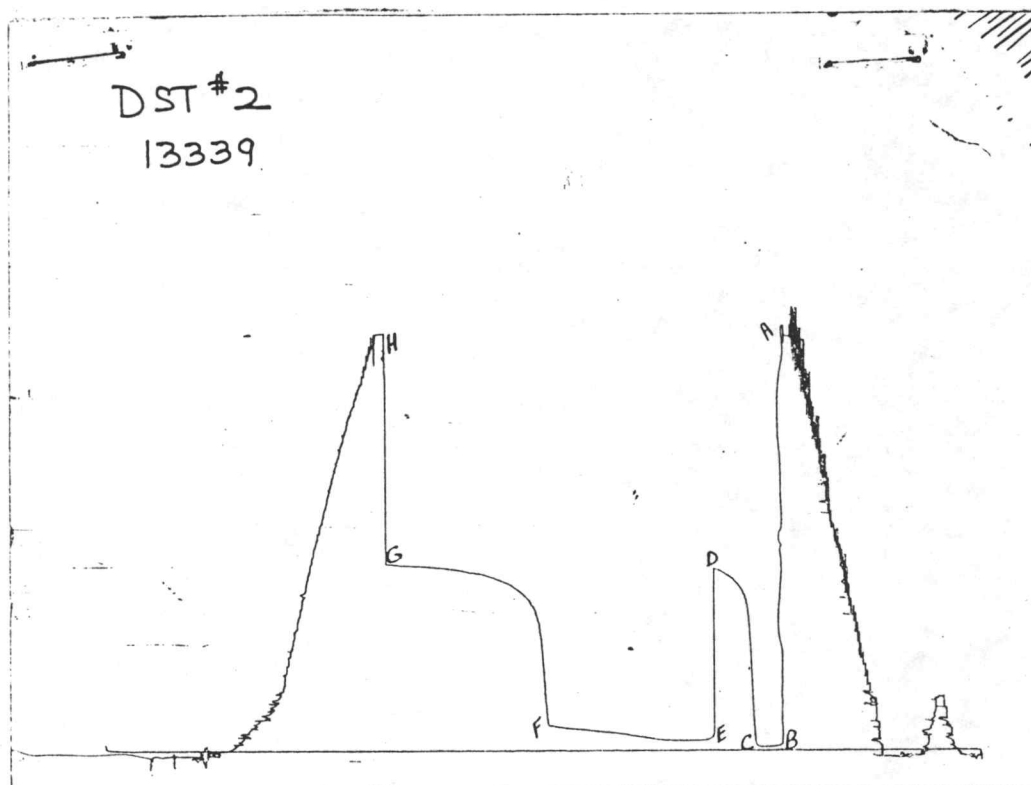
Rec. <u>630</u>	Feet of <u>GAS IN PIPE</u>
Rec. <u>360</u>	Feet of <u>CLEAN GASSY OIL-15%GAS/85%OIL</u>
Rec. <u>90</u>	Feet of <u>HEAVY FROTHY OIL CUT MUD-45%GAS/10%OIL/45%MUD</u>
Rec. _____	Feet of _____
Rec. _____	Feet of _____

BHT 112 °F Gravity 32 °API @ 60 °F Corrected Gravity 32 °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 1150 ppm System

(A) Initial Hydrostatic Mud <u>2220.8</u> PSI	AK1 Recorder No. <u>13339</u> Range <u>4025</u>
(B) First Initial Flow Pressure <u>67.2</u> PSI	@ (depth) <u>4721</u> w / Clock No. <u>27566</u>
(C) First Final Flow Pressure <u>53.0</u> PSI	AK1 Recorder No. <u>13276</u> Range <u>4000</u>
(D) Initial Shut-in Pressure <u>990.3</u> PSI	@ (depth) <u>4733</u> w / Clock No. <u>17640</u>
(E) Second Initial Flow Pressure <u>104.3</u> PSI	AK1 Recorder No. <u>13309</u> Range <u>4700</u>
(F) Second Final Flow Pressure <u>180.1</u> PSI	@ (depth) <u>4749</u> w / Clock No. <u>25810</u>
(G) Final Shut-in Pressure <u>1022.4</u> PSI	Initial Opening <u>15</u> Final Flow <u>120</u>
(H) Final Hydrostatic Mud <u>2210.9</u> PSI	Initial Shut-in <u>30</u> Final Shut-in <u>120</u>

Our Representative ROD STEINBRINK

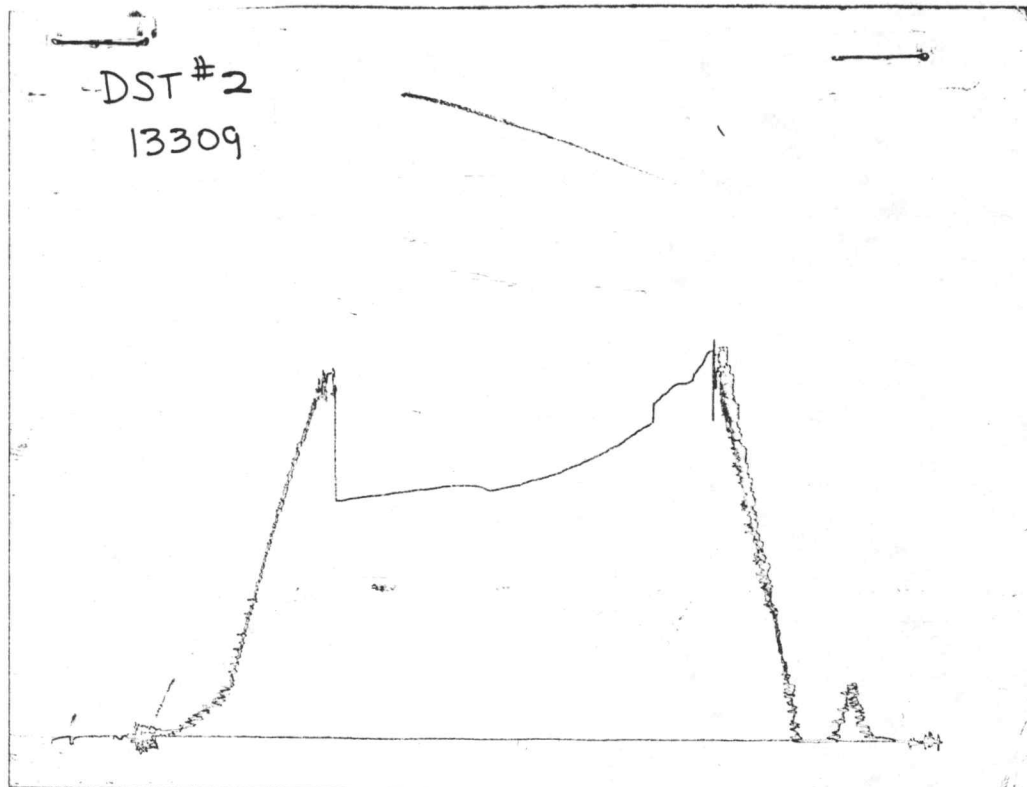
CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2213	2220.8
(B) FIRST INITIAL FLOW PRESSURE	62	67.2
(C) FIRST FINAL FLOW PRESSURE	62	53
(D) INITIAL CLOSED-IN PRESSURE	1000	990.3
(E) SECOND INITIAL FLOW PRESSURE	93	104.3
(F) SECOND FINAL FLOW PRESSURE	166	180.1
(G) FINAL CLOSED-IN PRESSURE	1030	1022.4
(H) FINAL HYDROSTATIC MUD	2203	2210.9

CHART PAGE



This is an actual photograph of recorder chart

FIELD
READING

OFFICE
READING

- (A) INITIAL HYDROSTATIC MUD
- (B) FIRST INITIAL FLOW PRESSURE
- (C) FIRST FINAL FLOW PRESSURE
- (D) INITIAL CLOSED-IN PRESSURE
- (E) SECOND INITIAL FLOW PRESSURE
- (F) SECOND FINAL FLOW PRESSURE
- (G) FINAL CLOSED-IN PRESSURE
- (H) FINAL HYDROSTATIC MUD

COMPUTER EVALUATION BY TRILOBITE TESTING, L.L.C.

BEREXCO INC

ROSALIE #1-20

DST 2

20

22S

33W

FINNEY KS

ELEVATION:	2911	KB	EST. PAY	13	FT
DATUM:	-1823		ZONE TESTED:	MORROW	
TEST INTERVAL:	4715-4741		TIME INTERVALS:	15-30-120-120	
RECORDER DEPTH:	4733		VISCOSITY:	9.112	CP
BOTTOM HOLE TEMP:	112		HOLE SIZE:	7.875	IN

CUBIC FEET OF GAS IN PIPE:	42.29			
TOTAL FEET OF RECOVERY:	450.00	CORRECTED PIPE FILLUP:	480.267	
TOTAL BARRELS OF RECOVERY:	2.20	CORR. BARRELS OF RECOVERY:	2.347	BBL
BARRELS IN DRILL PIPE:	0.00	API GRAVITY:	32	
BARRELS IN WEIGHT PIPE:	0.00	FLUID GRADIENT:	0.375	
BARRELS IN DRILL COLLARS:	2.20			
GAS OIL RATIO:	19.2196	CU.FT/BBL		
BUBBLE POINT PRESSURE:	167.528			
UNCORRECTED INITIAL PRODUCTION:			23.47	BBL
INITIAL PRODUCTION CORRECTED TO FINAL FLOW PRESSURE:			25.04	BBL/DAY
INITIAL PRODUCTION CORRECTED TO PSEUDO STEADY FLOW STATE:			17.178	

INITIAL SLOPE	748.28	PSI/CYCLE	FINAL SLOPE	255.06	PSI/CYCLE
INITIAL P*	1112	PSI	FINAL P*	1098	PSI

TRANSMISSIBILITY	15.96	(MD.-FT./CP.)
PERMEABILITY	11.19	(MD.)
INDICATED FLOW CAPACITY	145.44	(MD.FT)
PRODUCTIVITY INDEX	0.02	(BARRELS/DAY/PSI)
DAMAGE RATIO	0.66	
RADIUS OF INVESTIGATION	38.86	(FT,)
POTENTIOMETRIC SURFACE	724.19	(FT.)
DRAWDOWN FACTOR	1.268	(%)

DST #

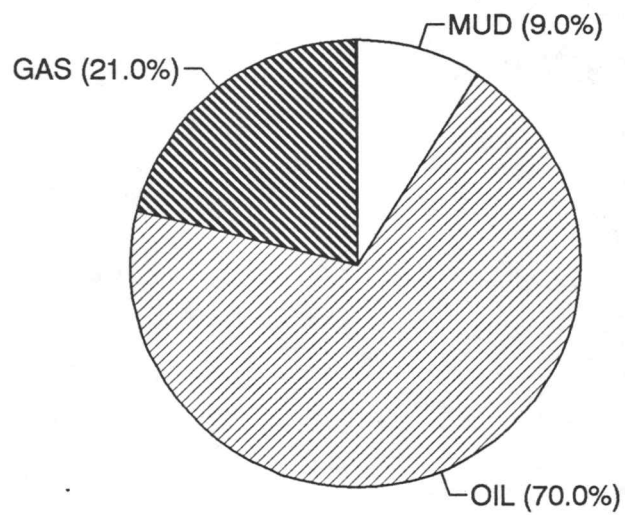
2

TICKET

5644

SAMPLE	TOTAL	GAS		OIL		WATER		MUD	
#	FEET	%	FEET	%	FEET	%	FEET	%	FEET
1	360	15	54	85	306	0	0	0	0
2	90	45	40.5	10	9	0	0	45	40.5
3			0		0		0		0
4			0		0		0		0
5			0		0		0		0
TOTAL	450	21.00	94.5	70.00	315	0.00	0	9	40.5

			HRS OP	BBL/DAY
BBL OIL=	1.54035	*	2.25	16.4304
BBL WATER=	0	*		0
BBL MUD=	0.198045			
BBL GAS=	0.462105			



MUD
OIL
GAS
WTR

FINAL FLOW

RECORDER #

DST #

TIME(MIN)

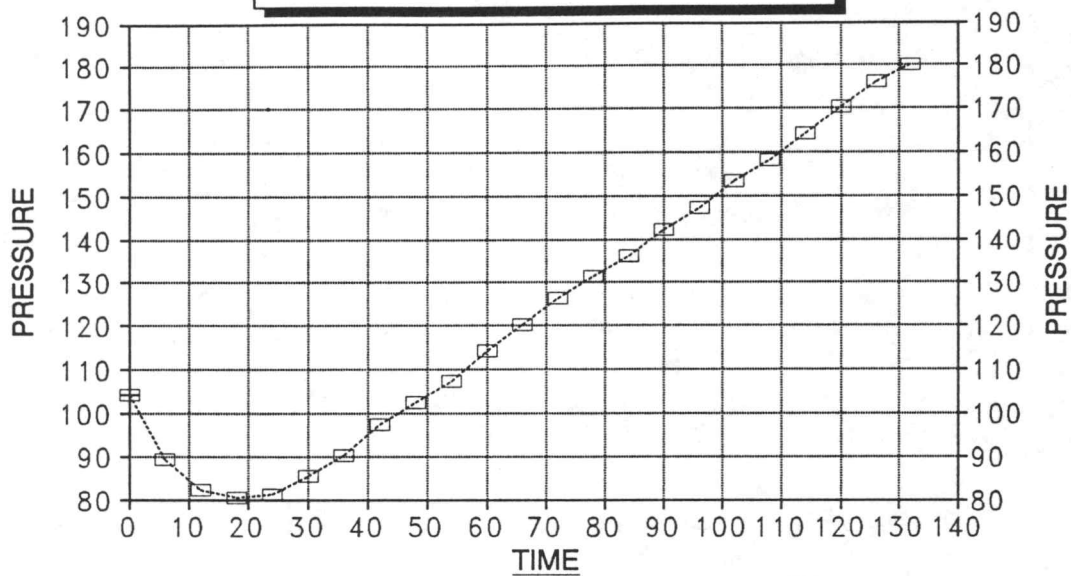
PRESSURE

<> PRESSURE

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0	104.3	104.3
6	89.3	-15
12	82.3	-7
18	80.3	-2
24	81.3	1
30	85.3	4
36	90.3	5
42	97.3	7
48	102.3	5
54	107.3	5
60	114.3	7
66	120.3	6
72	126.3	6
78	131.3	5
84	136.3	5
90	142.3	6
96	147.3	5
102	153.3	6
108	158.2	4.9
114	164.2	6
120	170.2	6
126	176.1	5.9
132	180.1	4

DELTA T DELTA P

FINAL FLOW - DST #2



---□--- ROSALIE #1-20

INITIAL PRODUCTION CORRECTED TO PSEUDO STEADY FLOW STATE:

17.178

ROSALIE #1-20 DST #2
INITIAL SHUTIN

15 TOTAL FLOW TIME

Slope 748.28 psi/cycle
P * 1112 psi

TIME(MIN)	Pws (psi)	Log Horn T	<> PRESSURE	Horn T
3	87.3	0.778	87.3	6
6	183.1	0.544	95.8	4
9	421.3	0.426	238.2	3
12	791.6	0.352	370.3	2
15	885.2	0.301	93.6	2
18	917.2	0.263	32.0	2
21	939.2	0.234	22.0	2
24	957.2	0.211	18.0	2
27	969.2	0.192	12.0	2
X 30	980.3	0.176	11.1	2
X 33	990.3	0.163	10.0	1

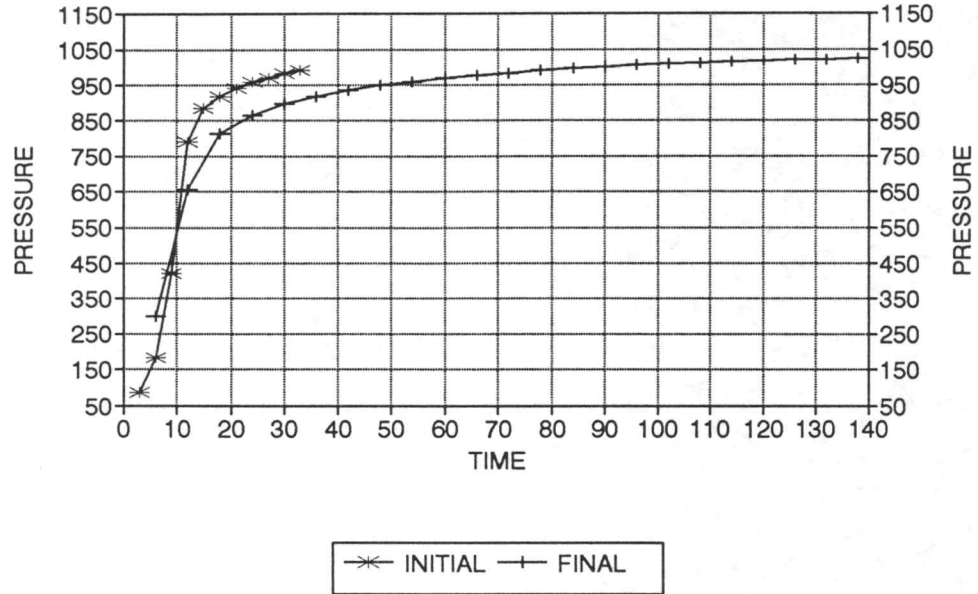
ROSALIE #1-20 DST #2
FINAL SHUTIN

135 TOTAL FLOW TIME

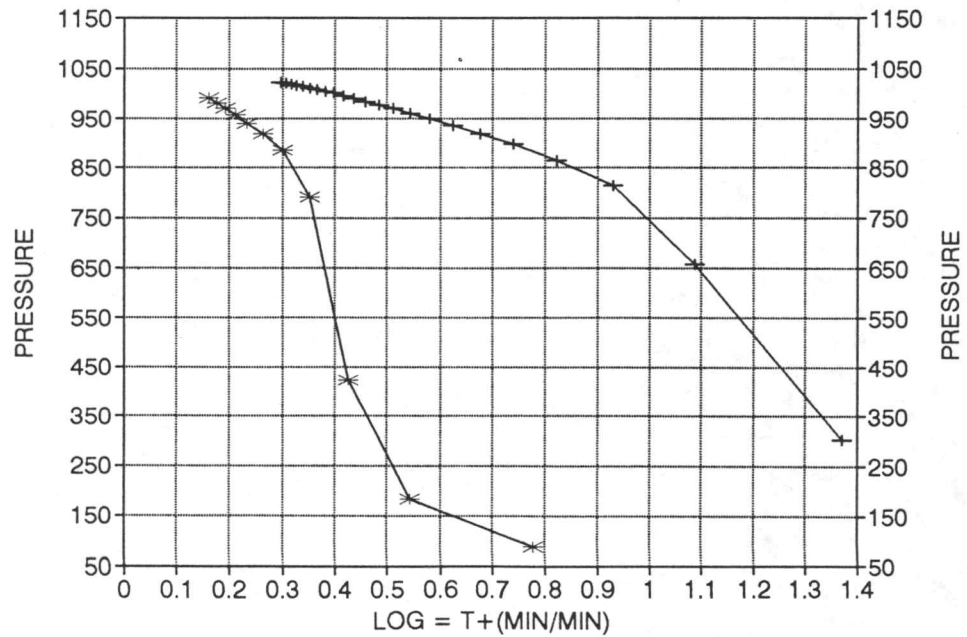
Slope 255.06 psi/cycle
P * 1098 psi

Pws (psi)	Log Horn T	<> PRESSURE	Horn T
6	1.371	300.5	24
12	1.088	356.5	12
18	0.929	157.5	9
24	0.821	49.8	7
30	0.740	32.9	6
36	0.677	21.0	5
42	0.625	16.0	4
48	0.581	14.0	4
X 54	0.544	11.0	4
60	0.512	11.0	3
66	0.484	6.1	3
72	0.459	6.0	3
78	0.436	7.0	3
84	0.416	6.0	3
90	0.398	5.0	3
96	0.381	3.1	2
102	0.366	4.0	2
108	0.352	3.0	2
114	0.339	3.0	2
120	0.327	2.0	2
126	0.316	3.0	2
132	0.306	2.0	2
X 138	0.296	2.0	2

ROSALIE #1-20 / DST #2 DELTA T DELTA P



HORNER PLOT



TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name ROSALIE #1-20 Test No. 3 Date 12/10/92
Company BEREXCO INC Zone ST LOUIS
Address 970 FOURTH FINANCIAL CNTR WICHITA KS 67202 Elevation 2911
Co. Rep./Geo. TIM HEDRICK Cont. BEREDCO RIG #2 Est. Ft. of Pay 7
Location: Sec. 20 Twp. 22S Rge. 33W Co. FINNEY State KS

Interval Tested 4744-4780 Drill Pipe Size 4.5" XH
Anchor Length 36 Wt. Pipe I.D. - 2.7 Ft. Run 404
Top Packer Depth 4739-4744 Drill Collar - 2.25 Ft. Run 8.9
Bottom Packer Depth 4780 Mud Wt. 64 lb/Gal.
Total Depth LTD-4999/RTD-5000 Viscosity 64 Filtrate 6.4

Tool Open @ 8:35 PM Initial Blow SURFACE BLOW BUILT TO 1"

Final Blow 1/2" RETURN DECREASED AND DIED IN 35 MINUTES

Recovery - Total Feet 30 Flush Tool? NO

Rec. 30 Feet of SLTLY OIL SPOTTED MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 110 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 1150 ppm System

(A) Initial Hydrostatic Mud 2280.9 PSI AK1 Recorder No. 13339 Range 4025

(B) First Initial Flow Pressure 40.5 PSI @ (depth) 4747 w / Clock No. 27566

(C) First Final Flow Pressure 40.5 PSI AK1 Recorder No. 13276 Range 4000

(D) Initial Shut-in Pressure 731.4 PSI @ (depth) 4771 w / Clock No. 17640

(E) Second Initial Flow Pressure 55.4 PSI AK1 Recorder No. 13309 Range 4700

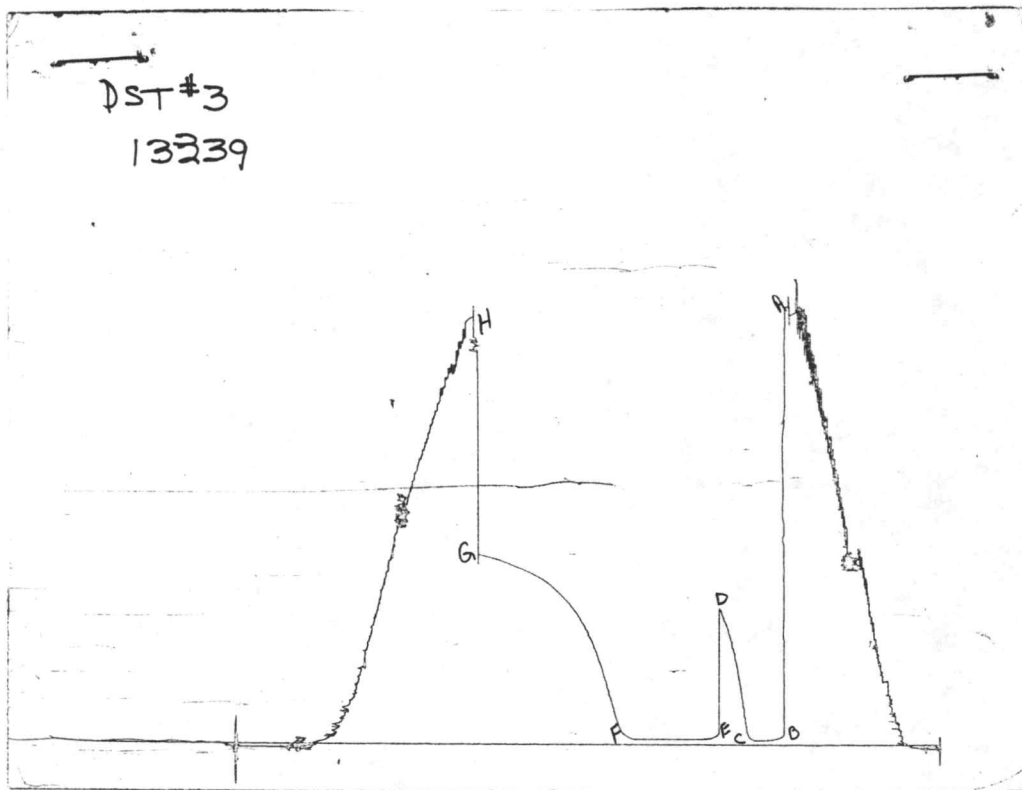
(F) Second Final Flow Pressure 55.4 PSI @ (depth) 4994 w / Clock No. 25810

(G) Final Shut-in Pressure 1014.7 PSI Initial Opening 15 Final Flow 60

(H) Final Hydrostatic Mud 2250.9 PSI Initial Shut-in 30 Final Shut-in 120

Our Representative ROD STEINBRINK

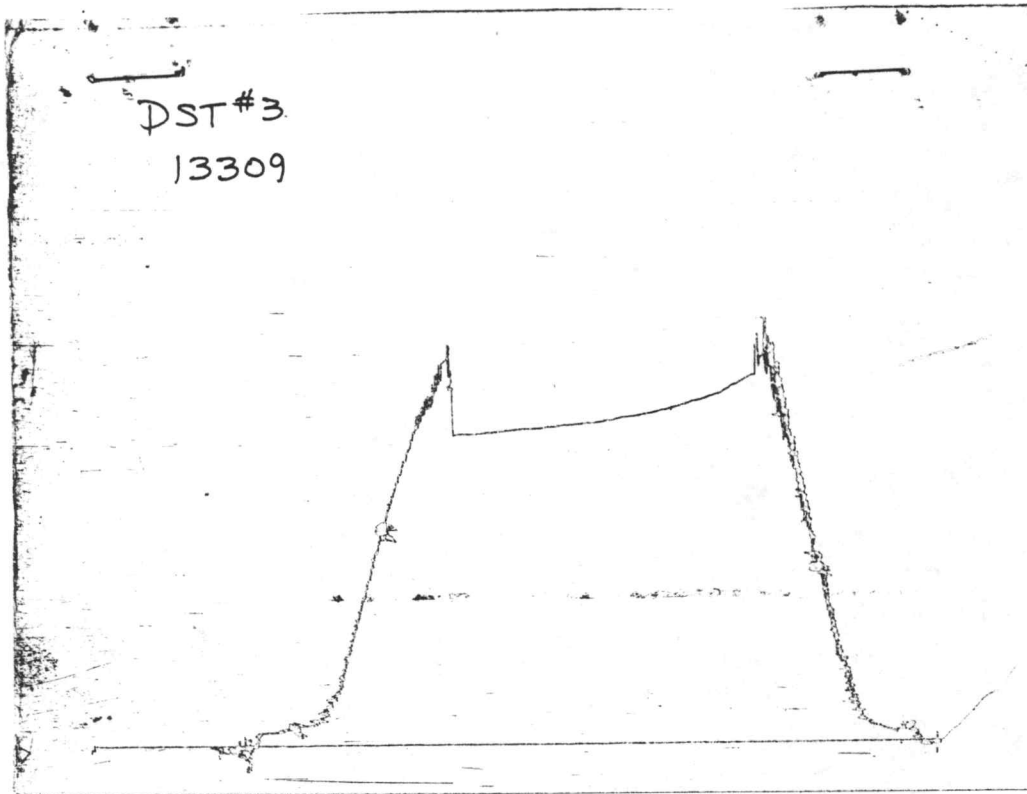
CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2263	2280.9
(B) FIRST INITIAL FLOW PRESSURE	31	40.5
(C) FIRST FINAL FLOW PRESSURE	31	40.5
(D) INITIAL CLOSED-IN PRESSURE	729	731.4
(E) SECOND INITIAL FLOW PRESSURE	52	55.4
(F) SECOND FINAL FLOW PRESSURE	52	55.4
(G) FINAL CLOSED-IN PRESSURE	1010	1014.7
(H) FINAL HYDROSTATIC MUD	2243	2250.9

CHART PAGE



This is an actual photograph of recorder chart

FIELD
READING

OFFICE
READING

- (A) INITIAL HYDROSTATIC MUD
- (B) FIRST INITIAL FLOW PRESSURE
- (C) FIRST FINAL FLOW PRESSURE
- (D) INITIAL CLOSED-IN PRESSURE
- (E) SECOND INITIAL FLOW PRESSURE
- (F) SECOND FINAL FLOW PRESSURE
- (G) FINAL CLOSED-IN PRESSURE
- (H) FINAL HYDROSTATIC MUD

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 5645

Well Name & No.	Rosalie #1-20	Test No.	3	Date	12-10-92
Company	Berexco, Inc.	Zone Tested	St. Louis		
Address	970 Fourth Financial Ctr. Wichita, KS 67202	Elevation	2911 (KB)		
Co. Rep./Geo.	Tim Hedrick	Cont.	Beredco #2	Est. Ft. of Pay	7'
Location: Sec.	20	Twp.	22 S	Rge.	33 W
				Co.	Finney
				State	KS.
No. of Copies	9	Distribution Sheet	X	Yes	No
		Turnkey	Yes	X	No
		Evaluation			

Interval Tested 4744 - 4780 Drill Pipe Size 4 1/2" XH
 Anchor Length 36' Top Choke — 1" Bottom Choke — 3/4"
 Top Packer Depth 4739 - 4744 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Bottom Packer Depth 4780 Wt. Pipe I.D. — 2.7 Ft. Run
 Total Depth (LTD) 4999 (RTD) 5000 Drill Collar — 2.25 Ft. Run 404'
 Mud Wt. 8.9 lb/gal. Viscosity 64 Filtrate 6.4
 Tool Open @ 8:35 pm Initial Blow Surface blow built to 1".

Final Blow 1/2" return decreased and died in 35 mins.

Recovery — Total Feet	Feet of Gas In Pipe	Flush Tool?
<u>30'</u>	<u>—</u>	<u>No</u>
Rec. <u>30'</u> Feet Of	<u>Slightly Oil</u>	%gas %oil %water %mud
Rec. <u>30'</u> Feet Of	<u>Spotted Mud</u>	%gas %oil %water %mud
Rec. <u>30'</u> Feet Of		%gas %oil %water %mud
Rec. <u>30'</u> Feet Of		%gas %oil %water %mud

BHT 110° °F Gravity — °API @ — °F Corrected Gravity — °API

RW — @ — °F Chlorides — ppm Recovery Chlorides 1,150 ppm System

(A) Initial Hydrostatic Mud	<u>2263</u>	PSI	AK1 Recorder No.	<u>13339</u>	Range	<u>4025</u>
(B) First Initial Flow Pressure	<u>31</u>	PSI	@ (depth)	<u>4747</u>	w/Clock No.	<u>27566</u>
(C) First Final Flow Pressure	<u>31</u>	PSI	AK1 Recorder No.	<u>13276</u>	Range	<u>4000</u>
(D) Initial Shut-In Pressure	<u>729</u>	PSI	@ (depth)	<u>4771</u>	w/Clock No.	<u>17640</u>
(E) Second Initial Flow Pressure	<u>52</u>	PSI	AK1 Recorder No.	<u>13309</u>	Range	<u>4700</u>
(F) Second Final Flow Pressure	<u>52</u>	PSI	@ (depth)	<u>4994</u>	w/Clock No.	<u>25810</u>
(G) Final Shut-In Pressure	<u>1010</u>	PSI	Initial Opening	<u>15</u>	Test	<u>600</u>
(H) Final Hydrostatic Mud	<u>2243</u>	PSI	Initial Shut-In	<u>30</u>	Jars	<u>X 200</u>

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Final Flow 60 Safety Joint X 50
 Final Shut-In 120 Straddle X 250
 Circ. Sub X N/C
 Sampler —
 Extra Packer X 150
 Other —

Approved By Tim Hedrick

Our Representative Rod Steinbrink