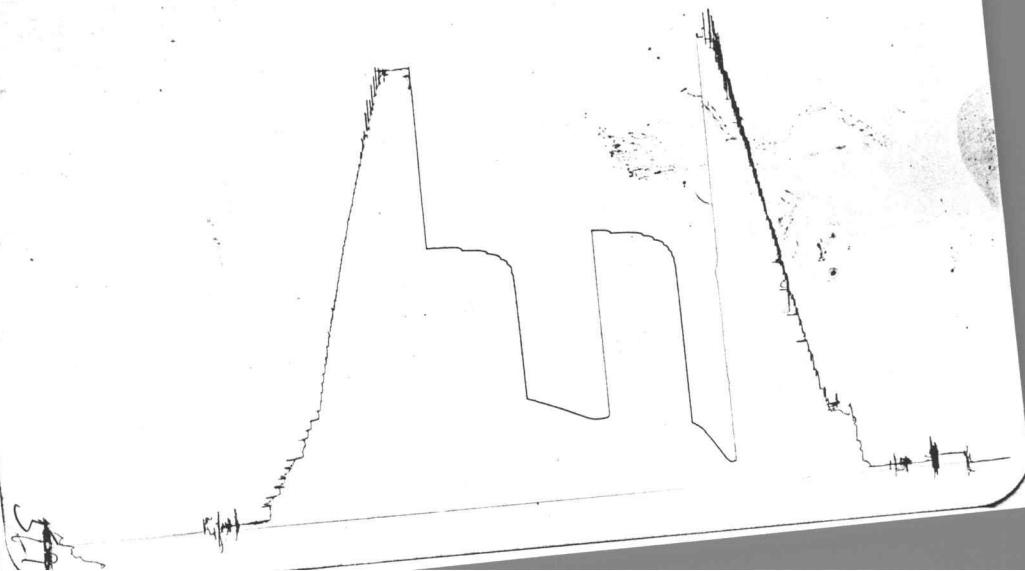
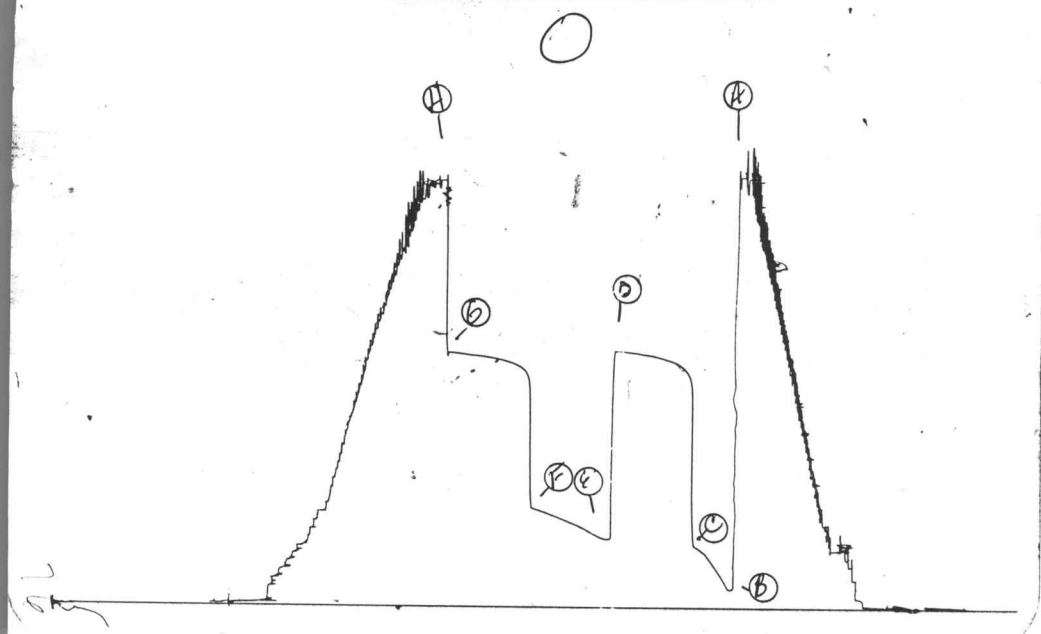


Sk # 12988

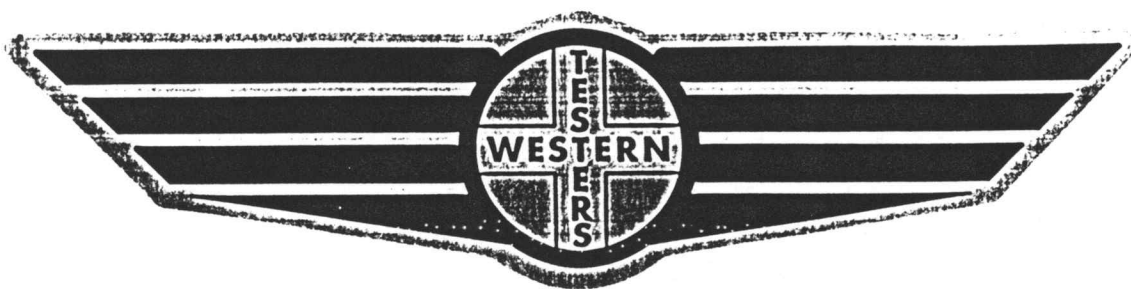
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St # 12988



FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY

BEREXCO, INC.

LEASE & WELL NO.

STOPPEL #3

SEC. 12 TWP. 29S RGE. 33W

TEST NO.

1

DATE 7/27/87

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	7-27-87	TICKET	:	12988
CUSTOMER	:	BEREXCO INC.	LEASE	:	STOPPEL
WELL	:	#3	GEOLOGIST	:	E. GRIEVES
ELEVATION	:	2943 KB	FORMATION	:	KANSAS CITY A
SECTION	:	12	TOWNSHIP	:	29S
RANGE	:	33W	STATE	:	KANSAS
GAUGE SN#	:	4376	CLOCK	:	12
		COUNTY :	HASKELL		
		RANGE :	4000		

INTERVAL FROM	:	4634	TO	:	4653	TOTAL DEPTH	:	4653
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	4629	SIZE	:	6.63			
PACKER DEPTH	:	4634	SIZE	:	6.63			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	BEREDCO	RIG #2		
MUD TYPE	:	CHEMICAL	VISCOSITY	:	38
WEIGHT	:	9.3	WATER LOSS (CC)	:	9.8
CHLORIDES (PPM)	:	2000			
JARS-MAKE	:	WTC	SERIAL NUMBER	:	421
DID WELL FLOW ?	:	NO	REVERSED OUT ?	:	NO

DRILL COLLAR LENGTH	:	570	FT	I.D. inch	:	2.25
WEIGHT PIPE LENGTH	:	0	FT	I.D. inch	:	0.00
DRILL PIPE LENGTH	:	4035	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	29	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	19	FT	ANCHOR SIZE	:	5.50
SURFACE CHOKE SIZE	:	.75	IN	BOTTOM CHOKE SIZE	:	.75
MAIN HOLE SIZE	:	7.875	IN	TOOL JOINT SIZE	:	4.5 FH

BLOW COMMENT #1 : STRONG BLOW THROUGHOUT BOTH FLOW PERIODS.
BLOW COMMENT #2 :
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 90 FT OF: MUDDY WATER (FEW SPECKS OF OIL)
RECOVERED : 930 FT OF: GASSY SALT WATER

CHLORIDES: 106000 PPM
RESISTIVITY .06 @ 85 DEG.F.

Total Barrels Fluid = 9.11
Total Fluid Prod Rate = 145.84 BFPD
Indicated Wtr Rate = 142.98 BWPD

REMARK 1 :
REMARK 2 :
REMARK 3 :
REMARK 4 :

SET PACKER(S) : 12:40 AM
WELL TEMPERATURE : 127
INITIAL HYDROSTATIC PRESSURE
INITIAL FLOW PERIOD MIN: 30
INITIAL CLOSED IN PERIOD MIN: 60
FINAL FLOW PERIOD MIN: 60
FINAL CLOSED IN PERIOD MIN: 66
FINAL HYDROSTATIC PRESSURE

TIME STARTED OFF BOTTOM : 4:10 AM

(A) 2268
(B) 95 PSI TO (C) : 322
(D) 1354
(E) 360 PSI TO (F) : 514
(G) 1342
(H) 2243

COMPANY : BEREXCO INC.
WELL : #3
GAUGE # : 4376
DATE : 27/ 7/87

FIELD : STOPPEL
JOB # : 12988
DEPTH : 4653
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P P1-P(i-1)
1	12:40: 0	0.000	95.000	127.00	0.000
2	12:44:59	0.083	99.000	127.00	4.000
3	12:50: 0	0.167	160.000	127.00	61.000
4	12:55: 0	0.250	218.000	127.00	58.000
5	12:59:59	0.333	270.000	127.00	52.000
6	13: 5: 0	0.417	300.000	127.00	30.000
7	13:10: 0	0.500	322.000	127.00	22.000
8	13:13: 0	0.550	1056.000	127.00	734.000
9	13:16: 0	0.600	1218.000	127.00	162.000
10	13:19: 0	0.650	1246.000	127.00	28.000
11	13:22: 0	0.700	1269.000	127.00	23.000
12	13:25: 0	0.750	1285.000	127.00	16.000
13	13:28: 0	0.800	1295.000	127.00	10.000
14	13:31: 0	0.850	1302.000	127.00	7.000
15	13:34: 0	0.900	1310.000	127.00	8.000
16	13:37: 0	0.950	1316.000	127.00	6.000
17	13:40: 0	1.000	1321.000	127.00	5.000
18	13:43: 0	1.050	1326.000	127.00	5.000
19	13:46: 0	1.100	1331.000	127.00	5.000
20	13:49: 0	1.150	1335.000	127.00	4.000
21	13:52: 0	1.200	1340.000	127.00	5.000
22	13:55: 0	1.250	1344.000	127.00	4.000
23	13:58: 0	1.300	1346.000	127.00	2.000
24	14: 1: 0	1.350	1348.000	127.00	2.000
25	14: 4: 0	1.400	1350.000	127.00	2.000
26	14: 7: 0	1.450	1352.000	127.00	2.000
27	14:10: 0	1.500	1354.000	127.00	2.000
28	14:11: 0	1.517	360.000	127.00	-994.000
29	14:14:59	1.583	360.000	127.00	0.000
30	14:20: 0	1.667	374.000	127.00	14.000
31	14:25: 0	1.750	392.000	127.00	18.000
32	14:29:59	1.833	411.000	127.00	19.000
33	14:35: 0	1.917	427.000	127.00	16.000
34	14:40: 0	2.000	441.000	127.00	14.000
35	14:44:59	2.083	454.000	127.00	13.000
36	14:50: 0	2.167	470.000	127.00	16.000
37	14:55: 0	2.250	484.000	127.00	14.000
38	14:59:59	2.333	498.000	127.00	14.000
39	15: 5: 0	2.417	506.000	127.00	8.000
40	15:10: 0	2.500	514.000	127.00	8.000
41	15:13: 0	2.550	877.000	127.00	363.000
42	15:16: 0	2.600	1209.000	127.00	332.000
43	15:19: 0	2.650	1245.000	127.00	36.000
44	15:22: 0	2.700	1265.000	127.00	20.000
45	15:25: 0	2.750	1278.000	127.00	13.000
46	15:28: 0	2.800	1289.000	127.00	11.000
47	15:31: 0	2.850	1296.000	127.00	7.000
48	15:34: 0	2.900	1300.000	127.00	4.000
49	15:37: 0	2.950	1306.000	127.00	6.000
50	15:40: 0	3.000	1312.000	127.00	6.000
51	15:43: 0	3.050	1316.000	127.00	4.000
52	15:46: 0	3.100	1321.000	127.00	5.000

COMPANY : BEREXCO INC.
WELL : #3
GAUGE # : 4376
DATE : 27/ 7/87

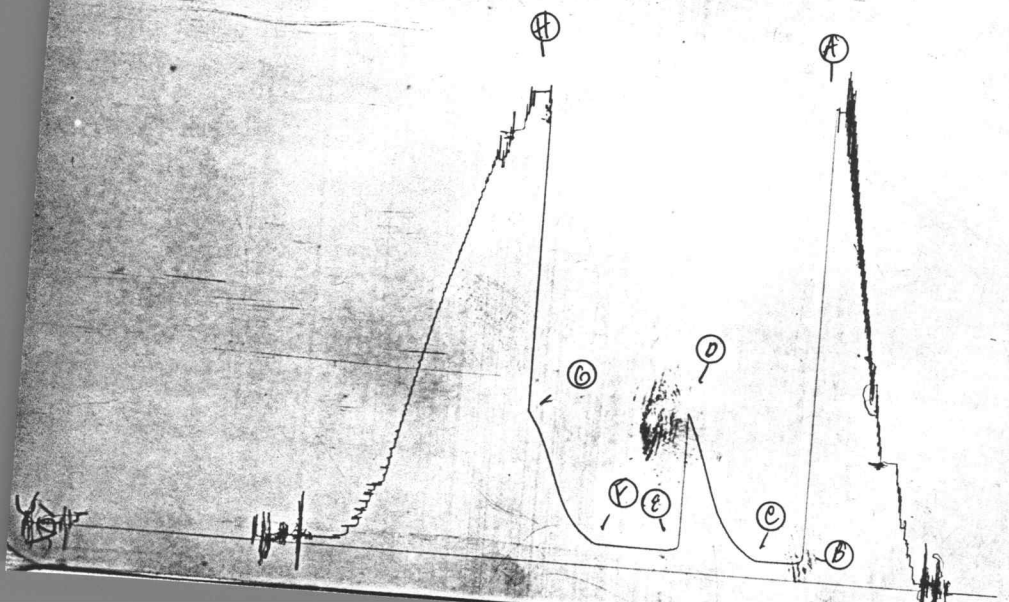
FIELD : STOPPEL
JOB # : 12988
DEPTH : 4653
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(1-1)
53	15:49: 0	3.150	1324.000	127.00	3.000
54	15:52: 0	3.200	1326.000	127.00	2.000
55	15:55: 0	3.250	1328.000	127.00	2.000
56	15:58: 0	3.300	1330.000	127.00	2.000
57	16: 1: 0	3.350	1332.000	127.00	2.000
58	16: 4: 0	3.400	1334.000	127.00	2.000
59	16: 7: 0	3.450	1336.000	127.00	2.000
60	16:10: 0	3.500	1338.000	127.00	2.000
61	16:13: 0	3.550	1340.000	127.00	2.000
62	16:16: 0	3.600	1342.000	127.00	2.000

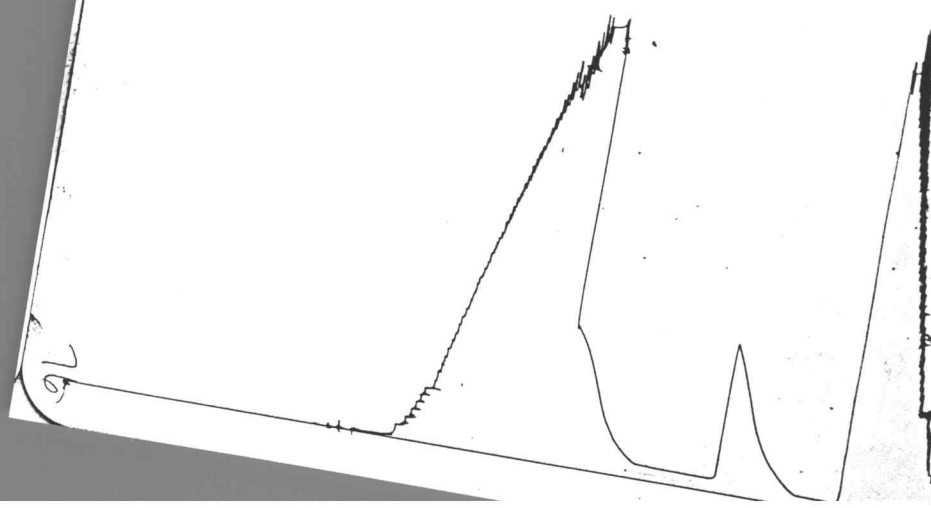
WESTERN TESTING CO. INC.

Sk # 12989

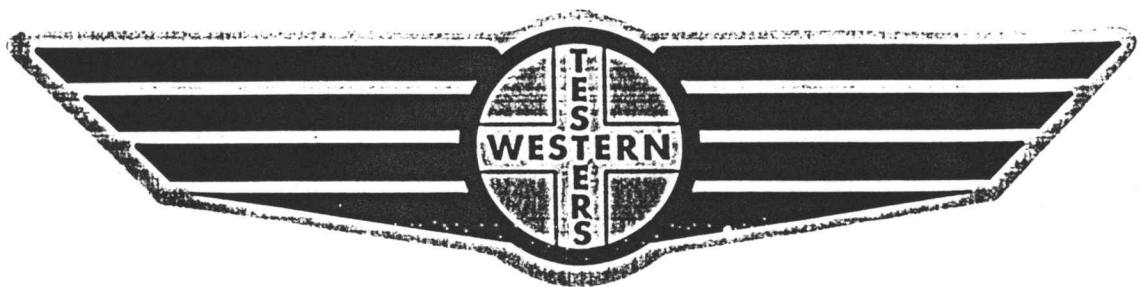
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JK # 12989
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FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY

BEREXCO, INC.

LEASE & WELL NO.

STOPPEL #3

SEC. 12 TWP. 29S RGE. 33W

TEST NO. 2

DATE 7/28/87

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	7-28-87	TICKET	:	12989
CUSTOMER	:	BEREXCO INC.	LEASE	:	STOPPEL
WELL	:	#3	TEST:	:	2
ELEVATION	:	2943 KB	GEOLOGIST	:	E. GRIEVES
SECTION	:	12	FORMATION	:	PAWNEE
RANGE	:	33W	TOWNSHIP	:	29S
	:	COUNTY :	STATE	:	KANSAS
GAUGE SN#	:	13759	RANGE :	:	3900
	:		CLOCK	:	12

INTERVAL FROM	:	4890	TO	:	4910	TOTAL DEPTH	:	4910
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	4885	SIZE	:	6.63			
PACKER DEPTH	:	4890	SIZE	:	6.63			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	BEREDCO	RIG #2		
MUD TYPE	:	CHEMICAL	VISCOSITY	:	40
WEIGHT	:	9.5	WATER LOSS (CC)	:	8.4
CHLORIDES (PPM)	:	1600			
JARS-MAKE	:	WTC	SERIAL NUMBER	:	421
DID WELL FLOW ?	:	NO	REVERSED OUT ?	:	NO

DRILL COLLAR LENGTH	:	570	FT	I.D. inch	:	2.25
WEIGHT PIPE LENGTH	:	0	FT	I.D. inch	:	0.00
DRILL PIPE LENGTH	:	4291	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	29	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	20	FT	ANCHOR SIZE	:	5.50
SURFACE CHOKE SIZE	:	.75	IN	BOTTOM CHOKE SIZE	:	.75
MAIN HOLE SIZE	:	7.875	IN	TOOL JOINT SIZE	:	4.5 FH

BLOW COMMENT #1 : INITIAL FLOW-WEAK BLOW INCREASED TO STRONG.
BLOW COMMENT #2 : FINAL FLOW-STRONG BLOW THROUGHOUT.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 10 FT OF: GAS CUT MUD (SCUM OF OIL)
RECOVERED : 90 FT OF: OIL & GAS CUT MUD
10% OIL-60% GAS-30% MUD

Total Barrels Fluid = 0.49
Total Fluid Prod Rate = 7.87 BFPD
Indicated Oil Rate = 0.71 BOPD
Indicated Wtr Rate = 0.21 BWPD

REMARK 1 :
REMARK 2 : RECOVERED 540 FEET OF GAS ABOVE FLUID.
REMARK 3 :
REMARK 4 :

SET PACKER(S) : 11:00 AM
WELL TEMPERATURE : 130
INITIAL HYDROSTATIC PRESSURE (A) 2339
INITIAL FLOW PERIOD MIN: 30 (B) 52 PSI TO (C) : 52
INITIAL CLOSED IN PERIOD MIN: 63 (D) 758
FINAL FLOW PERIOD MIN: 60 (E) 73 PSI TO (F) : 73
FINAL CLOSED IN PERIOD MIN: 60 (G) 711
FINAL HYDROSTATIC PRESSURE (H) 2339

TIME STARTED OFF BOTTOM : 2:30 PM

WESTERN TESTING CO. INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY : BEREXCO INC.
RIG : HASKELL-KANSAS
FIELD : STOPPEL
WELL : #3
DATE : 7-28-87
GAUGE NO : 13759

OPERATIONAL COMMENTS

RECOVERED 540 FEET OF GAS ABOVE FLUID.

COMPANY : BEREXCO INC.
WELL : #3*
GAUGE # : 13759
DATE : 28/ 7/87

FIELD : STOPPEL
JOB # : 12989
DEPTH : 4910
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	11: 0: 0	0.000	52.000	130.00	0.000
2	11: 4: 59	0.083	52.000	130.00	0.000
3	11:10: 0	0.167	52.000	130.00	0.000
4	11:15: 0	0.250	52.000	130.00	0.000
5	11:19:59	0.333	52.000	130.00	0.000
6	11:25: 0	0.417	52.000	130.00	0.000
7	11:30: 0	0.500	52.000	130.00	0.000
8	11:33: 0	0.550	52.000	130.00	0.000
9	11:36: 0	0.600	54.000	130.00	2.000
10	11:39: 0	0.650	64.000	130.00	10.000
11	11:42: 0	0.700	77.000	130.00	13.000
12	11:45: 0	0.750	93.000	130.00	16.000
13	11:48: 0	0.800	110.000	130.00	17.000
14	11:51: 0	0.850	128.000	130.00	18.000
15	11:54: 0	0.900	152.000	130.00	24.000
16	11:57: 0	0.950	179.000	130.00	27.000
17	12: 0: 0	1.000	210.000	130.00	31.000
18	12: 2: 59	1.050	244.000	130.00	34.000
19	12: 6: 0	1.100	284.000	130.00	40.000
20	12: 9: 0	1.150	334.000	130.00	50.000
21	12:12: 0	1.200	386.000	130.00	52.000
22	12:15: 0	1.250	449.000	130.00	63.000
23	12:18: 0	1.300	504.000	130.00	55.000
24	12:21: 0	1.350	567.000	130.00	63.000
25	12:24: 0	1.400	618.000	130.00	51.000
26	12:27: 0	1.450	669.000	130.00	51.000
27	12:30: 0	1.500	720.000	130.00	51.000
28	12:33: 0	1.550	758.000	130.00	38.000
29	12:34: 0	1.567	73.000	130.00	-685.000
30	12:37:59	1.633	73.000	130.00	0.000
31	12:43: 0	1.717	73.000	130.00	0.000
32	12:48: 0	1.800	73.000	130.00	0.000
33	12:52:59	1.883	73.000	130.00	0.000
34	12:58: 0	1.967	73.000	130.00	0.000
35	13: 3: 0	2.050	73.000	130.00	0.000
36	13: 7: 59	2.133	73.000	130.00	0.000
37	13:13: 0	2.217	73.000	130.00	0.000
38	13:18: 0	2.300	73.000	130.00	0.000
39	13:22:59	2.383	73.000	130.00	0.000
40	13:28: 0	2.467	73.000	130.00	0.000
41	13:33: 0	2.550	73.000	130.00	0.000
42	13:36: 0	2.600	80.000	130.00	7.000
43	13:38:59	2.650	91.000	130.00	11.000
44	13:42: 0	2.700	106.000	130.00	15.000
45	13:45: 0	2.750	121.000	130.00	15.000
46	13:48: 0	2.800	141.000	130.00	20.000
47	13:51: 0	2.850	160.000	130.00	19.000
48	13:53:59	2.900	190.000	130.00	30.000
49	13:57: 0	2.950	220.000	130.00	30.000
50	14: 0: 0	3.000	256.000	130.00	36.000
51	14: 3: 0	3.050	299.000	130.00	43.000
52	14: 6: 0	3.100	344.000	130.00	45.000

COMPANY : BEREXCO INC.

WELL : #3

GAUGE # : 13759

DATE : 28/ 7/87

FIELD : STOPPEL

JOB # : 12989

DEPTH : 4910

TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	14: 9: 0	3.150	400.000	130.00	56.000
54	14:11:59	3.200	456.000	130.00	56.000
55	14:15: 0	3.250	509.000	130.00	53.000
56	14:18: 0	3.300	548.000	130.00	39.000
57	14:21: 0	3.350	592.000	130.00	44.000
58	14:24: 0	3.400	636.000	130.00	44.000
59	14:26:59	3.450	664.000	130.00	28.000
60	14:30: 0	3.500	693.000	130.00	29.000
61	14:33: 0	3.550	711.000	130.00	18.000

WESTERN TESTING CO. INC.

3/4 #12990

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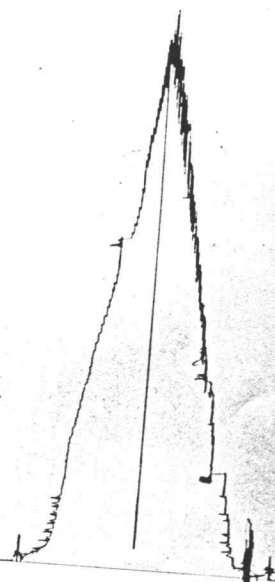
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St #12990

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FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY BEREXCO, INC. LEASE & WELL NO. STOPPEL #3 SEC. 12 TWP. 29S RGE. 33W TEST NO. 3 DATE 7/30/87

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	7-30-87	TICKET	:	12990
CUSTOMER	:	BEREXCO INC.	LEASE	:	STOPPEL
WELL	:	#3	TEST:	:	3
ELEVATION	:	2943 KB	GEOLOGIST	:	E. GRIEVES
SECTION	:	12	FORMATION	:	MORROW
RANGE	:	33W	COUNTY	:	HASKELL
GAUGE SN#	:	4376	STATE	:	KANSAS
			RANGE	:	4000
			CLOCK	:	12

INTERVAL FROM	:	5387	TO	:	5400	TOTAL DEPTH	:	5400
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	5383	SIZE	:	6.63			
PACKER DEPTH	:	5357	SIZE	:	6.63			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	BEREDCO	RIG #2		
MUD TYPE	:	CHEMICAL	VISCOSITY	:	50
WEIGHT	:	9.0	WATER LOSS (CC)	:	8.0
CHLORIDES (PPM)	:	1100			
JARS-MAKE	:	WTC	SERIAL NUMBER	:	421
DID WELL FLOW ?	:	NO	REVERSED OUT ?	:	NO

DRILL COLLAR LENGTH	:	570	FT	I.D. inch	:	2.25
WEIGHT PIPE LENGTH	:	0	FT	I.D. inch	:	0.00
DRILL PIPE LENGTH	:	4788	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	29	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	13	FT	ANCHOR SIZE	:	5.50
SURFACE CHOKE SIZE	:	.75	IN	BOTTOM CHOKE SIZE	:	.75
MAIN HOLE SIZE	:	7.875	IN	TOOL JOINT SIZE	:	4.5 FH

BLOW COMMENT #1	:	WEAK BLOW THROUGHOUT THE INITIAL FLOW.
BLOW COMMENT #2	:	NO BLOW ON THE FINAL FLOW.
BLOW COMMENT #3	:	
BLOW COMMENT #4	:	

RECOVERED : 5 FT OF: DRILLING MUD

Total Barrels Fluid = 0.02
Total Fluid Prod Rate = 0.59 BFPD
Indicated Wtr Rate = 0.01 BWPD

REMARK 1 :
REMARK 2 :
REMARK 3 :
REMARK 4 :

SET PACKER(S) : 6:35 PM

TIME STARTED OFF BOTTOM : 10:35 PM

WELL TEMPERATURE : 136

INITIAL HYDROSTATIC PRESSURE

(A) 2564

INITIAL FLOW PERIOD MIN: 30

(B) 27 PSI TO (C) : 27

INITIAL CLOSED IN PERIOD MIN: 63

(D) 93

FINAL FLOW PERIOD MIN: 30

(E) 28 PSI TO (F) : 28

FINAL CLOSED IN PERIOD MIN: 117

(G) 228

FINAL HYDROSTATIC PRESSURE

(H) 2546

WESTERN TESTING CO. INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY : BEREXCO INC.
RIG : HASKELL-KANSAS
FIELD : STOPPEL
WELL : #3
DATE : 7-30-87
GAUGE NO : 4376

OPERATIONAL COMMENTS

COMPANY : BEREXCO INC.
WELL : #3
GAUGE # : 4376
DATE : 30/ 7/87

FIELD : STOPPEL
JOB # : 12990
DEPTH : 5400
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	6:35: 0	0.000	27.000	136.00	0.000
2	6:39:59	0.083	27.000	136.00	0.000
3	6:45: 0	0.167	27.000	136.00	0.000
4	6:50: 0	0.250	27.000	136.00	0.000
5	6:54:59	0.333	27.000	136.00	0.000
6	7: 0: 0	0.417	27.000	136.00	0.000
7	7: 5: 0	0.500	27.000	136.00	0.000
8	7: 8: 0	0.550	27.000	136.00	0.000
9	7:11: 0	0.600	30.000	136.00	3.000
10	7:14: 0	0.650	36.000	136.00	6.000
11	7:17: 0	0.700	40.000	136.00	4.000
12	7:20: 0	0.750	47.000	136.00	7.000
13	7:23: 0	0.800	53.000	136.00	6.000
14	7:26: 0	0.850	60.000	136.00	7.000
15	7:29: 0	0.900	67.000	136.00	7.000
16	7:32: 0	0.950	75.000	136.00	8.000
17	7:35: 0	1.000	81.000	136.00	6.000
18	7:38: 0	1.050	89.000	136.00	8.000
19	7:41: 0	1.100	96.000	136.00	7.000
20	7:44: 0	1.150	102.000	136.00	6.000
21	7:47: 0	1.200	108.000	136.00	6.000
22	7:50: 0	1.250	108.000	136.00	0.000
23	7:53: 0	1.300	107.000	136.00	-1.000
24	7:56: 0	1.350	104.000	136.00	-3.000
25	7:59: 0	1.400	101.000	136.00	-3.000
26	8: 2: 0	1.450	98.000	136.00	-3.000
27	8: 5: 0	1.500	95.000	136.00	-3.000
28	8: 8: 0	1.550	93.000	136.00	-2.000
29	8: 9: 0	1.567	28.000	136.00	-65.000
30	8:12:59	1.633	28.000	136.00	0.000
31	8:18: 0	1.717	28.000	136.00	0.000
32	8:23: 0	1.800	28.000	136.00	0.000
33	8:27:59	1.883	28.000	136.00	0.000
34	8:33: 0	1.967	28.000	136.00	0.000
35	8:38: 0	2.050	28.000	136.00	0.000
36	8:41: 0	2.100	28.000	136.00	0.000
37	8:43:59	2.150	31.000	136.00	3.000
38	8:47: 0	2.200	34.000	136.00	3.000
39	8:50: 0	2.250	37.000	136.00	3.000
40	8:53: 0	2.300	40.000	136.00	3.000
41	8:56: 0	2.350	45.000	136.00	5.000
42	8:58:59	2.400	50.000	136.00	5.000
43	9: 2: 0	2.450	55.000	136.00	5.000
44	9: 5: 0	2.500	61.000	136.00	6.000
45	9: 8: 0	2.550	70.000	136.00	9.000
46	9:11: 0	2.600	74.000	136.00	4.000
47	9:14: 0	2.650	81.000	136.00	7.000
48	9:16:59	2.700	85.000	136.00	4.000
49	9:20: 0	2.750	89.000	136.00	4.000
50	9:23: 0	2.800	94.000	136.00	5.000
51	9:26: 0	2.850	101.000	136.00	7.000
52	9:29: 0	2.900	108.000	136.00	7.000

COMPANY : BEREXCO INC.
WELL : #3
GAUGE # : 4376
DATE : 30/ 7/87

FIELD : STOPPEL
JOB # : 12990
DEPTH : 5400
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	9:31:59	2.950	115.000	136.00	7.000
54	9:35: 0	3.000	122.000	136.00	7.000
55	9:38: 0	3.050	129.000	136.00	7.000
56	9:41: 0	3.100	134.000	136.00	5.000
57	9:44: 0	3.150	140.000	136.00	6.000
58	9:46:59	3.200	145.000	136.00	5.000
59	9:50: 0	3.250	152.000	136.00	7.000
60	9:53: 0	3.300	157.000	136.00	5.000
61	9:56: 0	3.350	162.000	136.00	5.000
62	9:59: 0	3.400	167.000	136.00	5.000
63	10: 1:59	3.450	172.000	136.00	5.000
64	10: 5: 0	3.500	178.000	136.00	6.000
65	10: 8: 0	3.550	180.000	136.00	2.000
66	10:11: 0	3.600	184.000	136.00	4.000
67	10:14: 0	3.650	191.000	136.00	7.000
68	10:17: 0	3.700	199.000	136.00	8.000
69	10:20: 0	3.750	205.000	136.00	6.000
70	10:23: 0	3.800	209.000	136.00	4.000
71	10:26: 0	3.850	215.000	136.00	6.000
72	10:29: 0	3.900	220.000	136.00	5.000
73	10:32: 0	3.950	225.000	136.00	5.000
74	10:35: 0	4.000	228.000	136.00	3.000

WESTERN TESTING CO. INC.

TKT 8522

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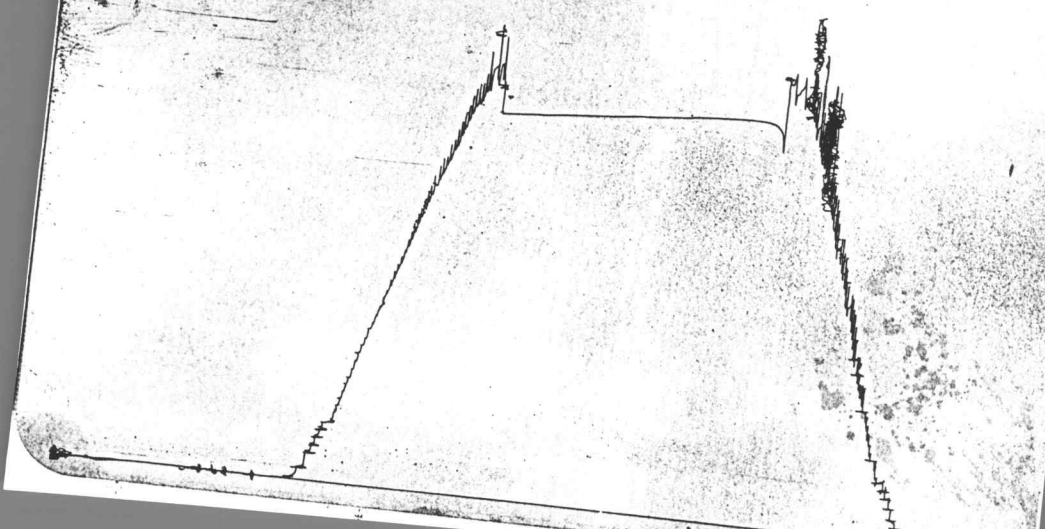
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H-852

Below Straddle 16

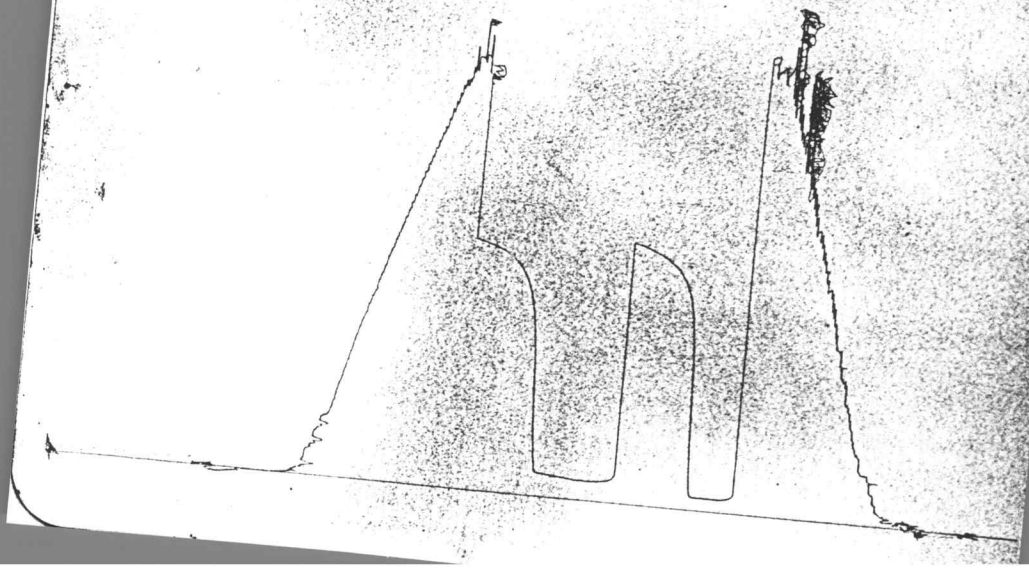


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TR-8522

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FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY

BEREXCO, INC.

LEASE & WELL NO.

STOPPEL #3

SEC. 12

TWP. 29S

RGE. 33W

TEST NO. 4

DATE

8/2/87

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	8-2-87	TICKET	:	8522
CUSTOMER	:	BEREXCO INC.	LEASE	:	STOPPEL
WELL	:	#3	TEST:	:	4
ELEVATION	:	EST 2930 GS	GEOLOGIST	:	E. GRIEVES
SECTION	:	12	FORMATION	:	FORT SCOTT
RANGE	:	33W	COUNTY	:	HASKELL
GAUGE SN#	:	13550	STATE	:	KANSAS
			RANGE	:	4175
			CLOCK	:	12

INTERVAL FROM	:	4905	TO	:	4945	TOTAL DEPTH	:	5800
DEPTH OF SELECTIVE ZONE	:	4950						
PACKER DEPTH	:	4900	SIZE	:	6.75			
PACKER DEPTH	:	4905	SIZE	:	6.75			
PACKER DEPTH	:	4945	SIZE	:	6.75			
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	BEREDCO	RIG #2		
MUD TYPE	:	CHEMICAL	VISCOSITY	:	50
WEIGHT	:	9.2	WATER LOSS (CC)	:	8.0
CHLORIDES (PPM)	:	1200			
JARS-MAKE	:	WTC	SERIAL NUMBER	:	410
DID WELL FLOW ?	:	NO	REVERSED OUT ?	:	NO

DRILL COLLAR LENGTH	:	573	FT	I.D. inch	:	2.20
WEIGHT PIPE LENGTH	:	0	FT	I.D. inch	:	0.00
DRILL PIPE LENGTH	:	4303	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	29	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	40	FT	ANCHOR SIZE	:	5.50
SURFACE CHOKE SIZE	:	.75	IN	BOTTOM CHOKE SIZE	:	.75
MAIN HOLE SIZE	:	7.875	IN	TOOL JOINT SIZE	:	4.5 XH

BLOW COMMENT #1 : INITIAL FLOW-WEAK STEADY BLOW-3" IN WATER.
BLOW COMMENT #2 : FINAL FLOW-WEAK STEADY BLOW-2" IN WATER.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 30 FT OF: MUD-FEW OIL SPOTS
OIL LESS THAN 1%
RECOVERED : 180 FT OF: MUDDY WATER
70% WATER-30% MUD
CHLORIDES: 14000 PPM
RW ON WATER 2.2 @ 77 DEG.F

Total Barrels Fluid = 0.99
Total Fluid Prod Rate = 16.73 BFPD
Indicated Wtr Rate = 9.56 BWPD

REMARK 1 :
REMARK 2 :
REMARK 3 :
REMARK 4 :

SET PACKER(S) : 11:15 AM
WELL TEMPERATURE : 128

TIME STARTED OFF BOTTOM : 2:45 PM

INITIAL HYDROSTATIC PRESSURE		(A)	2380	
INITIAL FLOW PERIOD	MIN: 30	(B)	66	PSI TO (C) : 72
INITIAL CLOSED IN PERIOD	MIN: 60	(D)	1426	
FINAL FLOW PERIOD	MIN: 55	(E)	111	PSI TO (F) : 136
FINAL CLOSED IN PERIOD	MIN: 60	(G)	1381	
FINAL HYDROSTATIC PRESSURE		(H)	2346	

WESTERN TESTING CO. INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY : BEREXCO INC.
RIG : HASKELL-KANSAS
FIELD : STOPPEL
WELL : #3
DATE : 8-2-87
GAUGE NO : 13550

OPERATIONAL COMMENTS

COMPANY : BEREXCO INC.

WELL : #3

*GAUGE # : 13550

DATE : 2/ 8/87

FIELD : STOPPEL

JOB # : 8522

DEPTH : 5800

TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	11:15: 0	0.000	66.000	128.00	0.000
2	11:19:59	0.083	66.000	128.00	0.000
3	11:25: 0	0.167	66.000	128.00	0.000
4	11:30: 0	0.250	66.000	128.00	0.000
5	11:34:59	0.333	67.000	128.00	1.000
6	11:40: 0	0.417	69.000	128.00	2.000
7	11:45: 0	0.500	72.000	128.00	3.000
8	11:48: 0	0.550	119.000	128.00	47.000
9	11:51: 0	0.600	310.000	128.00	191.000
10	11:54: 0	0.650	599.000	128.00	289.000
11	11:57: 0	0.700	857.000	128.00	258.000
12	12: 0: 0	0.750	1056.000	128.00	199.000
13	12: 3: 0	0.800	1169.000	128.00	113.000
14	12: 6: 0	0.850	1232.000	128.00	63.000
15	12: 9: 0	0.900	1282.000	128.00	50.000
16	12:12: 0	0.950	1316.000	128.00	34.000
17	12:15: 0	1.000	1336.000	128.00	20.000
18	12:18: 0	1.050	1351.000	128.00	15.000
19	12:21: 0	1.100	1367.000	128.00	16.000
20	12:24: 0	1.150	1379.000	128.00	12.000
21	12:27: 0	1.200	1386.000	128.00	7.000
22	12:30: 0	1.250	1395.000	128.00	9.000
23	12:33: 0	1.300	1404.000	128.00	9.000
24	12:36: 0	1.350	1412.000	128.00	8.000
25	12:39: 0	1.400	1416.000	128.00	4.000
26	12:42: 0	1.450	1424.000	128.00	8.000
27	12:45: 0	1.500	1426.000	128.00	2.000
28	12:46: 0	1.517	111.000	128.00	-1315.000
29	12:49:59	1.583	111.000	128.00	0.000
30	12:55: 0	1.667	111.000	128.00	0.000
31	13: 0: 0	1.750	111.000	128.00	0.000
32	13: 4:59	1.833	111.000	128.00	0.000
33	13:10: 0	1.917	113.000	128.00	2.000
34	13:15: 0	2.000	119.000	128.00	6.000
35	13:19:59	2.083	122.000	128.00	3.000
36	13:25: 0	2.167	126.000	128.00	4.000
37	13:30: 0	2.250	131.000	128.00	5.000
38	13:34:59	2.333	136.000	128.00	5.000
39	13:40: 0	2.417	136.000	128.00	0.000
40	13:43: 0	2.467	175.000	128.00	39.000
41	13:46: 0	2.517	292.000	128.00	117.000
42	13:49: 0	2.567	599.000	128.00	307.000
43	13:52: 0	2.617	916.000	128.00	317.000
44	13:55: 0	2.667	1061.000	128.00	145.000
45	13:58: 0	2.717	1161.000	128.00	100.000
46	14: 1: 0	2.767	1213.000	128.00	52.000
47	14: 4: 0	2.817	1245.000	128.00	32.000
48	14: 7: 0	2.867	1270.000	128.00	25.000
49	14:10: 0	2.917	1291.000	128.00	21.000
50	14:13: 0	2.967	1309.000	128.00	18.000
51	14:16: 0	3.017	1320.000	128.00	11.000
52	14:19: 0	3.067	1333.000	128.00	13.000

COMPANY : BEREXCO INC.
WELL : #3
GAUGE # : 13550
DATE : 2/ 8/87

FIELD : STOPPEL
JOB # : 8522
DEPTH : 5800
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P P1-P(i-1)
53	14:22: 0	3.117	1342.000	128.00	9.000
54	14:25: 0	3.167	1348.000	128.00	6.000
55	14:28: 0	3.217	1356.000	128.00	8.000
56	14:31: 0	3.267	1366.000	128.00	10.000
57	14:34: 0	3.317	1373.000	128.00	7.000
58	14:37: 0	3.367	1380.000	128.00	7.000
59	14:40: 0	3.417	1381.000	128.00	1.000

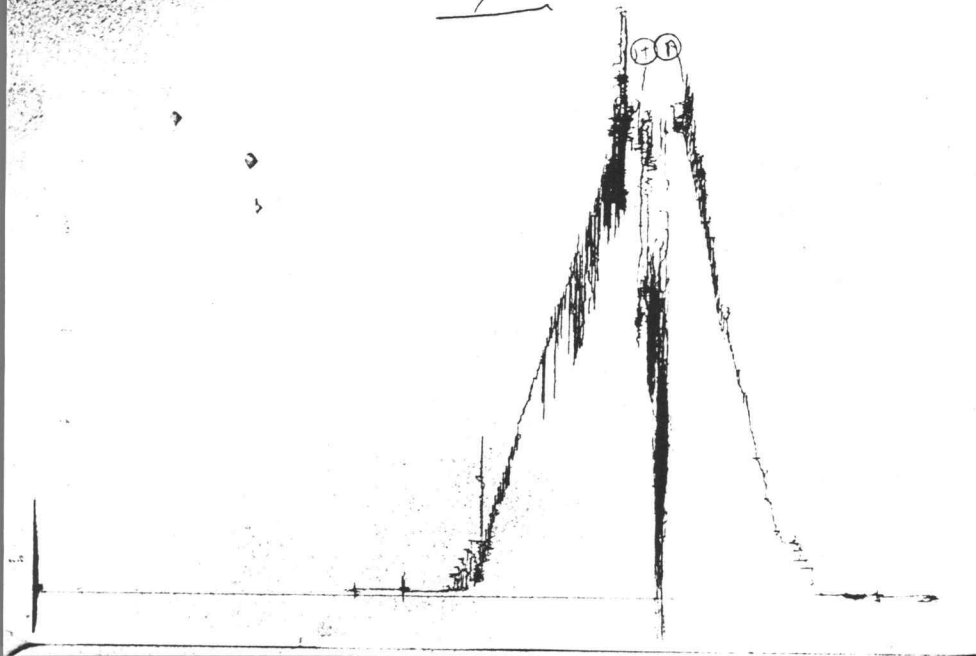
WESTERN TESTING CO. INC.

13530

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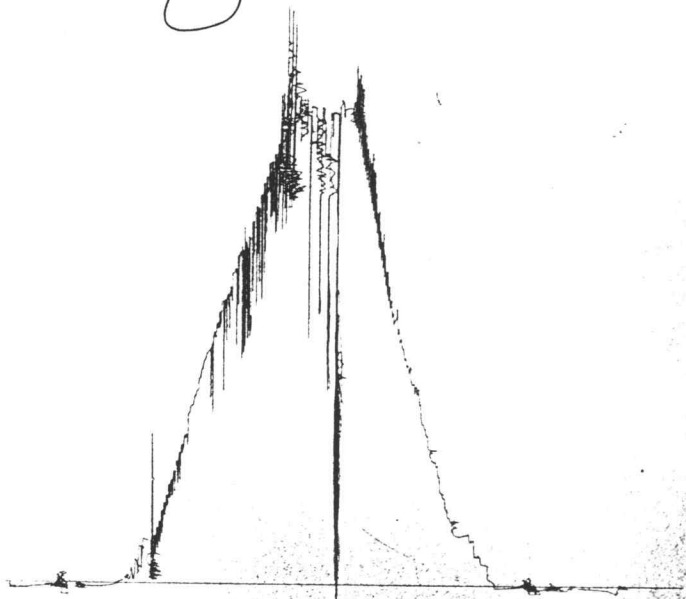
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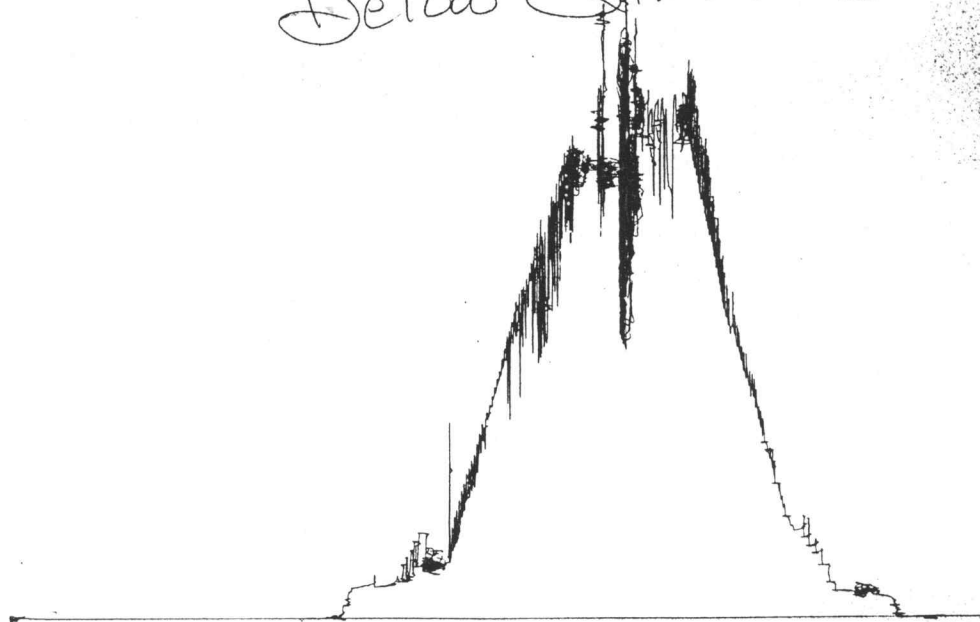


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FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY

BEREXCO, INC.

LEASE & WELL NO.

STOPPEL #3

SEC. 12 TWP. 29S RGE. 33W

TEST NO. 5

DATE 8/3/87

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	8-3-87	TICKET	:	8523
CUSTOMER	:	BEREXCO INC.	LEASE	:	STOPPEL
WELL	:	#3	TEST:	:	5
ELEVATION	:	2930 GS	GEOLOGIST	:	E. GRIEVES
SECTION	:	12	FORMATION	:	MORROW
RANGE	:	33W	TOWNSHIP	:	29S
Gauge SN#	:	13550	STATE	:	KANSAS
		COUNTY :	RANGE :		CLOCK :
			4175		12

INTERVAL FROM	:	5378	TO	:	5389	TOTAL DEPTH	:	5799
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	5373	SIZE	:	6.75			
PACKER DEPTH	:	5378	SIZE	:	6.75			
PACKER DEPTH	:	5389	SIZE	:	6.75			
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	BEREDCO	RIG #2		
MUD TYPE	:	CHEMICAL	VISCOSITY	:	53
WEIGHT	:	9.1	WATER LOSS (CC)	:	7.6
CHLORIDES (PPM)	:	1900			
JARS-MAKE	:	WTC	SERIAL NUMBER	:	-
DID WELL FLOW ?	:	NO	REVERSED OUT ?	:	NO

DRILL COLLAR LENGTH	:	542	FT	I.D. inch	:	2.20
WEIGHT PIPE LENGTH	:	0	FT	I.D. inch	:	0.00
DRILL PIPE LENGTH	:	4807	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	29	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	11	FT	ANCHOR SIZE	:	5.50
SURFACE CHOKE SIZE	:	.75	IN	BOTTOM CHOKE SIZE	:	.75
MAIN HOLE SIZE	:	7.875	IN	TOOL JOINT SIZE	:	4.5 XH

BLOW COMMENT #1 :
BLOW COMMENT #2 :
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 572 FT OF: MUD

CHLORIDES: 2000 PPM

Total Barrels Fluid = 2.97

Total Fluid Prod Rate = 0.00 BFPD

REMARK 1 : MISRUN: PACKER DIDN'T HOLD.

REMARK 2 :

REMARK 3 :

REMARK 4 :

SET PACKER(S) : 7:30 AM

TIME STARTED OFF BOTTOM : 8:00 AM

WELL TEMPERATURE : 0

INITIAL HYDROSTATIC PRESSURE

(A) 2683

INITIAL FLOW PERIOD MIN: 0

(B) 0

PSI TO (C) : 0

INITIAL CLOSED IN PERIOD MIN: 0

(D) 0

FINAL FLOW PERIOD MIN: 0

(E) 0

PSI TO (F) : 0

FINAL CLOSED IN PERIOD MIN: 0

(G) 0

FINAL HYDROSTATIC PRESSURE

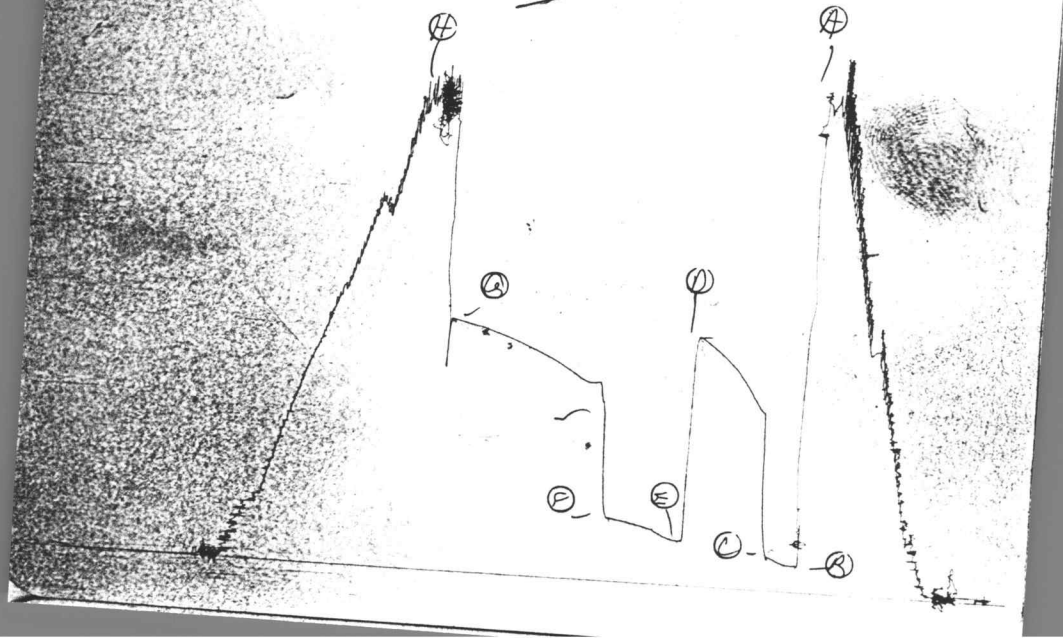
(H) 2660

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TKT 8524

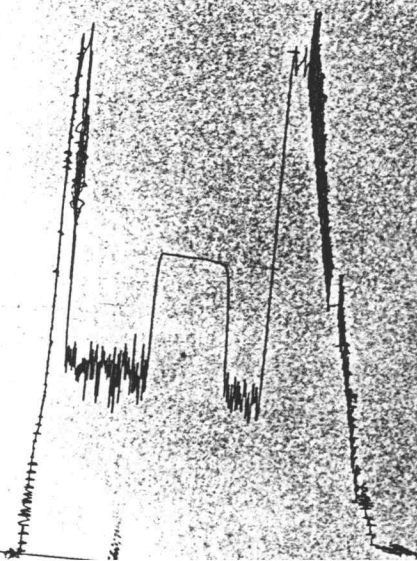
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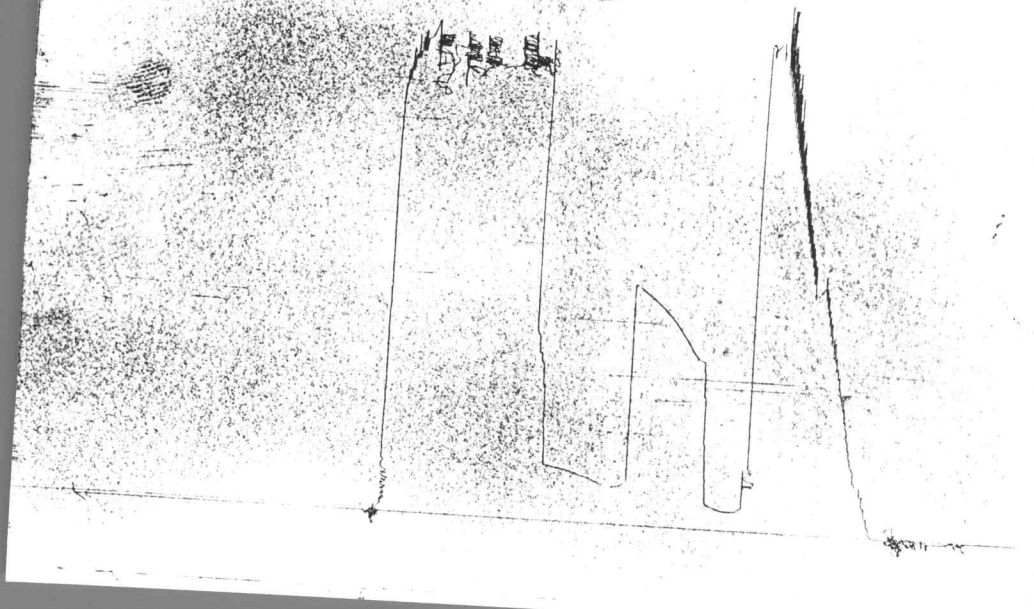
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TKT 8524
Below Straddle



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AST#6

STY 8524 6
0



FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY

BEREXCO, INC.

LEASE & WELL NO.

STOPPEL #3

SEC. 12 TWP. 29S RGE. 33W

TEST NO. 6

DATE 8/3/87

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	8-3-87	TICKET	:	8524
CUSTOMER	:	BEREXCO INC.	LEASE	:	STOPPEL
WELL	:	#3	TEST:	:	6
ELEVATION	:	EST. 2930 GS	GEOLOGIST	:	E. GRIEVES
SECTION	:	12	FORMATION	:	MORROW
RANGE	:	33W	COUNTY	:	HASKELL
GAUGE SN#	:	13550	STATE	:	KANSAS
			RANGE	:	4175
			CLOCK	:	12

INTERVAL FROM	:	5381	TO	:	5392	TOTAL DEPTH	:	5799
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	5376	SIZE	:	6.75			
PACKER DEPTH	:	5381	SIZE	:	6.75			
PACKER DEPTH	:	5392	SIZE	:	6.75			
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	BEREDCO	RIG #2		
MUD TYPE	:	CHEMCIAL	VISCOSITY	:	53
WEIGHT	:	9.1	WATER LOSS (CC)	:	7.6
CHLORIDES (PPM)	:	1900			
JARS-MAKE	:	WTC	SERIAL NUMBER	:	420
DID WELL FLOW ?	:	NO	REVERSED OUT ?	:	NO

DRILL COLLAR LENGTH	:	573	FT	I.D. inch	:	2.20
WEIGHT PIPE LENGTH	:	0	FT	I.D. inch	:	0.00
DRILL PIPE LENGTH	:	4779	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	29	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	11	FT	ANCHOR SIZE	:	5.50
SURFACE CHOKE SIZE	:	.75	IN	BOTTOM CHOKE SIZE	:	.75
MAIN HOLE SIZE	:	7.875	IN	TOOL JOINT SIZE	:	4.5 XH

BLOW COMMENT #1	:	INITIAL FLOW-FAIR BLOW-4" IN WATER.
BLOW COMMENT #2	:	FINAL FLOW-FAIR BLOW-5" IN WATER.
BLOW COMMENT #3	:	
BLOW COMMENT #4	:	

RECOVERED * : 663 FT OF: MUD

CHLORIDES: 4000 PPM

Total Barrels Fluid = 3.96
Total Fluid Prod Rate = 67.02 BFPD
Indicated Wtr Rate = 6.37 BWPD

REMARK 1 : MISRUN: STRADDLE PACKER
DIDN'T HOLD.

REMARK 2 :

REMARK 3 :

REMARK 4 :

SET PACKER(S) : 1:00 PM

TIME STARTED OFF BOTTOM : 5:30 PM

WELL TEMPERATURE : 136

INITIAL HYDROSTATIC PRESSURE

(A) 2703

INITIAL FLOW PERIOD MIN: 25

(B) 143 PSI TO (C) : 182

INITIAL CLOSED IN PERIOD MIN: 60

(D) 1371

FINAL FLOW PERIOD MIN: 60

(E) 244 PSI TO (F) : 347

FINAL CLOSED IN PERIOD MIN: 120

(G) 1392

FINAL HYDROSTATIC PRESSURE

(H) 2673

WESTERN TESTING CO. INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY : BEREXCO INC.
RIG : HASKELL-KANSAS
FIELD : STOPPEL
WELL : #3
DATE : 8-3-87
GAUGE NO : 13550

OPERATIONAL COMMENTS

MISRUN: STRADDLE PACKER
DIDN'T HOLD.

COMPANY : BEREXCO INC.
WELL : #3
GAUGE # : 13550
DATE : 3/ 8/87

FIELD : STOPPEL
JOB # : 8524
DEPTH : 5799
TEST : MISRUN: STRADDLE PACKER
DIDN'T HOLD.

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	1: 0: 0	0.000	143.000	136.00	0.000
2	1: 4: 59	0.083	143.000	136.00	0.000
3	1:10: 0	0.167	143.000	136.00	0.000
4	1:15: 0	0.250	152.000	136.00	9.000
5	1:19:59	0.333	168.000	136.00	16.000
6	1:25: 0	0.417	182.000	136.00	14.000
7	1:28: 0	0.467	343.000	136.00	161.000
8	1:31: 0	0.517	775.000	136.00	432.000
9	1:34: 0	0.567	976.000	136.00	201.000
10	1:37: 0	0.617	1000.000	136.00	24.000
11	1:40: 0	0.667	1032.000	136.00	32.000
12	1:43: 0	0.717	1068.000	136.00	36.000
13	1:46: 0	0.767	1107.000	136.00	39.000
14	1:49: 0	0.817	1136.000	136.00	29.000
15	1:52: 0	0.867	1167.000	136.00	31.000
16	1:55: 0	0.917	1198.000	136.00	31.000
17	1:58: 0	0.967	1222.000	136.00	24.000
18	2: 1: 0	1.017	1241.000	136.00	19.000
19	2: 4: 0	1.067	1264.000	136.00	23.000
20	2: 7: 0	1.117	1281.000	136.00	17.000
21	2:10: 0	1.167	1301.000	136.00	20.000
22	2:13: 0	1.217	1320.000	136.00	19.000
23	2:16: 0	1.267	1333.000	136.00	13.000
24	2:19: 0	1.317	1348.000	136.00	15.000
25	2:22: 0	1.367	1360.000	136.00	12.000
26	2:25: 0	1.417	1371.000	136.00	11.000
27	2:26: 0	1.433	244.000	136.00	-1127.000
28	2:30: 0	1.500	244.000	136.00	0.000
29	2:35: 0	1.583	251.000	136.00	7.000
30	2:40: 0	1.667	265.000	136.00	14.000
31	2:45: 0	1.750	282.000	136.00	17.000
32	2:50: 0	1.833	298.000	136.00	16.000
33	2:55: 0	1.917	308.000	136.00	10.000
34	3: 0: 0	2.000	315.000	136.00	7.000
35	3: 5: 0	2.083	323.000	136.00	8.000
36	3:10: 0	2.167	332.000	136.00	9.000
37	3:15: 0	2.250	337.000	136.00	5.000
38	3:20: 0	2.333	343.000	136.00	6.000
39	3:25: 0	2.417	347.000	136.00	4.000
40	3:28: 0	2.467	550.000	136.00	203.000
41	3:31: 0	2.517	927.000	136.00	377.000
42	3:34: 0	2.567	1046.000	136.00	119.000
43	3:37: 0	2.617	1087.000	136.00	41.000
44	3:40: 0	2.667	1087.000	136.00	0.000
45	3:43: 0	2.717	1089.000	136.00	2.000
46	3:46: 0	2.767	1092.000	136.00	3.000
47	3:49: 0	2.817	1102.000	136.00	10.000
48	3:52: 0	2.867	1117.000	136.00	15.000
49	3:55: 0	2.917	1134.000	136.00	17.000
50	3:58: 0	2.967	1148.000	136.00	14.000
51	4: 1: 0	3.017	1161.000	136.00	13.000
52	4: 4: 0	3.067	1172.000	136.00	11.000

COMPANY : BEREXCO INC.
WELL : #3
GAUGE # : 13550
DATE : 3/ 8/87

FIELD : STOPPEL
JOB # : 8524
DEPTH : 5799
TEST : MISRUN: STRADDLE PACKER
DIDN'T HOLD.

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	4: 7: 0	3.117	1187.000	136.00	15.000
54	4:10: 0	3.167	1200.000	136.00	13.000
55	4:13: 0	3.217	1209.000	136.00	9.000
56	4:16: 0	3.267	1221.000	136.00	12.000
57	4:19: 0	3.317	1232.000	136.00	11.000
58	4:22: 0	3.367	1241.000	136.00	9.000
59	4:25: 0	3.417	1249.000	136.00	8.000
60	4:28: 0	3.467	1258.000	136.00	9.000
61	4:31: 0	3.517	1269.000	136.00	11.000
62	4:34: 0	3.567	1279.000	136.00	10.000
63	4:37: 0	3.617	1290.000	136.00	11.000
64	4:40: 0	3.667	1296.000	136.00	6.000
65	4:43: 0	3.717	1304.000	136.00	8.000
66	4:46: 0	3.767	1315.000	136.00	11.000
67	4:49: 0	3.817	1321.000	136.00	6.000
68	4:52: 0	3.867	1327.000	136.00	6.000
69	4:55: 0	3.917	1335.000	136.00	8.000
70	4:58: 0	3.967	1341.000	136.00	6.000
71	5: 1: 0	4.017	1348.000	136.00	7.000
72	5: 4: 0	4.067	1355.000	136.00	7.000
73	5: 7: 0	4.117	1359.000	136.00	4.000
74	5:10: 0	4.167	1364.000	136.00	5.000
75	5:13: 0	4.217	1370.000	136.00	6.000
76	5:16: 0	4.267	1377.000	136.00	7.000
77	5:19: 0	4.317	1381.000	136.00	4.000
78	5:22: 0	4.367	1385.000	136.00	4.000
79	5:25: 0	4.417	1392.000	136.00	7.000

WESTERN TESTING CO. INC.