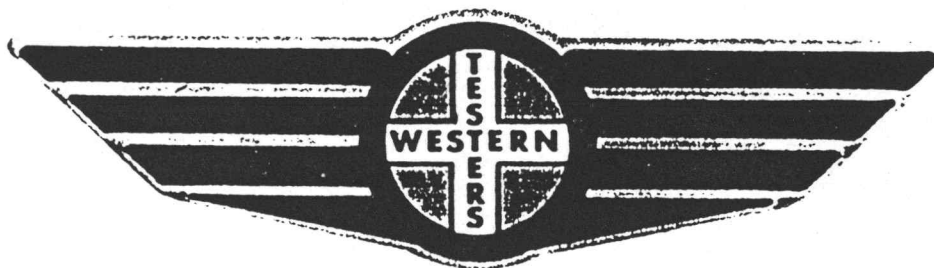


FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY BEREXCO, INC. LEASE & WELL NO. PHYLLIS POTTER #3 SEC. 24 TWP. 17S RGE. 25W TEST NO. 1 DATE 12/12/88

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 12-12-88 TICKET : 14237
CUSTOMER : BEREXCO INC. LEASE : PHYLLIS POTTER
WELL : #3 TEST: 1 GEOLOGIST : MCMAHON
ELEVATION : 2470 KB FORMATION : FT SCOTT
SECTION : 24 TOWNSHIP : 17S
RANGE : 25W COUNTY : NESS STATE : KANSAS
GAUGE SN# : 10270 RANGE : 4150 CLOCK : 12

INTERVAL FROM : 4292 TO : 4332 TOTAL DEPTH : 4332
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 4287 SIZE : 6.63
PACKER DEPTH : 4292 SIZE : 6.63
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : BEREDCO RIG 3
MUD TYPE : CHEMICAL VISCOSITY : 50
WEIGHT : 9.3 WATER LOSS (CC) : 13
CHLORIDES (PPM) : 9000
JARS-MAKE : - SERIAL NUMBER : -
DID WELL FLOW ? : - REVERSED OUT ? : -

DRILL COLLAR LENGTH : 0 FT I.D. inch : 0.00
WEIGHT PIPE LENGTH : 760 FT I.D. inch : 2.70
DRILL PIPE LENGTH : 3510 FT I.D. inch : 3.80
TEST TOOL LENGTH : 22 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 BLOW BUILDING TO STRONG IN 3 MINUTES
BLOW COMMENT #2 : FINAL FLOW-WEAK BLOW BUILDING TO STRONG IN 5 MINUTES
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 120 FT OF: CLEAN OIL GRAVITY 40
RECOVERED : 280 FT OF: MUDDY GASSY OIL
18% MUD-25% GAS-57% OIL

Total Barrels Fluid = 2.83
Total Fluid Prod Rate = 54.38 BFPD
Indicated Oil Rate = 38.07 BOPD
Indicated Wtr Rate = 0.07 BWPD
Corrected Oil Rate = 41.86 BOPD
Corrected Wtr Rate = 0.07 BWPD

REMARK 1 :
REMARK 2 : RECOVERED 2660 FEET OF GAS ABOVE FLUID.
REMARK 3 :
REMARK 4 :

SET PACKER(S) : 7:05 PM TIME STARTED OFF BOTTOM : 10:05 PM
WELL TEMPERATURE : 115
INITIAL HYDROSTATIC PRESSURE (A) 2175
INITIAL FLOW PERIOD MIN: 30 (B) 56 PSI TO (C) : 94
INITIAL CLOSED IN PERIOD MIN: 45 (D) 838
FINAL FLOW PERIOD MIN: 45 (E) 115 PSI TO (F) : 166
FINAL CLOSED IN PERIOD MIN: 60 (G) 826
FINAL HYDROSTATIC PRESSURE (H) 2138

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : BEREXCO INC.
RIG : NESS-KANSAS
FIELD : PHYLLIS POTTER
WELL : #3
DATE : 12-12-88
GAUGE NO : 10270

OPERATIONAL COMMENTS

RECOVERED 2660 FEET OF GAS ABOVE FLUID.

COMPANY : BEREXCO INC.
 WELL : #3
 GAUGE # : 10270
 DATE : 12/12/88

FIELD : PHYLLIS POTTER
 JOB # : 14237
 DEPTH : 4332
 TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
INITIAL FLOW					
2	7: 5: 0	0.000	56.000	115.00	0.000
3	7: 9:59	0.083	56.000	115.00	0.000
4	7:15: 0	0.167	62.000	115.00	6.000
5	7:20: 0	0.250	68.000	115.00	6.000
6	7:24:59	0.333	76.000	115.00	8.000
7	7:30: 0	0.417	84.000	115.00	8.000
8	7:35: 0	0.500	94.000	115.00	10.000
INITIAL SHUT-IN					
9	7:38: 0	0.550	355.000	115.00	261.000
10	7:41: 0	0.600	669.000	115.00	314.000
11	7:44: 0	0.650	754.000	115.00	85.000
12	7:47: 0	0.700	777.000	115.00	23.000
13	7:50: 0	0.750	792.000	115.00	15.000
14	7:53: 0	0.800	801.000	115.00	9.000
15	7:56: 0	0.850	808.000	115.00	7.000
16	7:59: 0	0.900	813.000	115.00	5.000
17	8: 2: 0	0.950	817.000	115.00	4.000
18	8: 5: 0	1.000	823.000	115.00	6.000
19	8: 8: 0	1.050	827.000	115.00	4.000
20	8:11: 0	1.100	829.000	115.00	2.000
21	8:14: 0	1.150	832.000	115.00	3.000
22	8:17: 0	1.200	834.000	115.00	2.000
23	8:20: 0	1.250	838.000	115.00	4.000
FINAL FLOW					
24	8:21: 0	1.267	115.000	115.00	-723.000
25	8:24:59	1.333	115.000	115.00	0.000
26	8:30: 0	1.417	119.000	115.00	4.000
27	8:35: 0	1.500	125.000	115.00	6.000
28	8:39:59	1.583	130.000	115.00	5.000
29	8:45: 0	1.667	138.000	115.00	8.000
30	8:50: 0	1.750	144.000	115.00	6.000
31	8:54:59	1.833	152.000	115.00	8.000
32	9: 0: 0	1.917	159.000	115.00	7.000
33	9: 5: 0	2.000	166.000	115.00	7.000
FINAL SHUT-IN					
34	9: 8: 0	2.050	544.000	115.00	378.000
35	9:11: 0	2.100	720.000	115.00	176.000
36	9:14: 0	2.150	752.000	115.00	32.000
37	9:17: 0	2.200	768.000	115.00	16.000
38	9:20: 0	2.250	777.000	115.00	9.000
39	9:23: 0	2.300	784.000	115.00	7.000
40	9:26: 0	2.350	793.000	115.00	9.000
41	9:29: 0	2.400	796.000	115.00	3.000
42	9:32: 0	2.450	798.000	115.00	2.000
43	9:35: 0	2.500	802.000	115.00	4.000
44	9:38: 0	2.550	804.000	115.00	2.000
45	9:41: 0	2.600	809.000	115.00	5.000
46	9:44: 0	2.650	813.000	115.00	4.000
47	9:47: 0	2.700	815.000	115.00	2.000
48	9:50: 0	2.750	819.000	115.00	4.000

COMPANY : BEREXCO INC.
WELL : #3
GAUGE # : 10270
DATE : 12/12/88

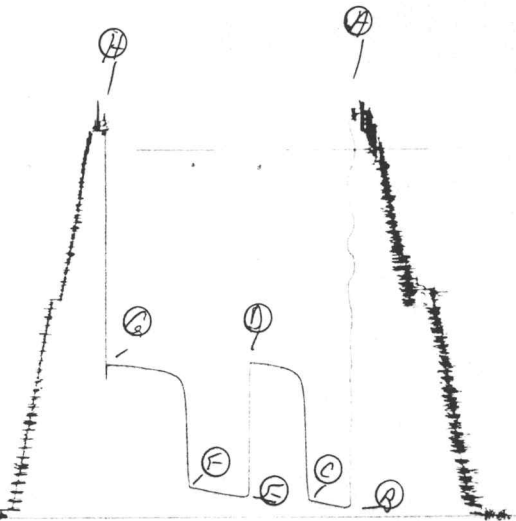
FIELD : PHYLLIS POTTER
JOB # : 14237
DEPTH : 4332
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
49	9:53: 0	2.800	822.000	115.00	3.000
50	9:56: 0	2.850	823.000	115.00	1.000
51	9:59: 0	2.900	824.000	115.00	1.000
52	10: 2: 0	2.950	825.000	115.00	1.000
53	10: 5: 0	3.000	826.000	115.00	1.000

WESTERN TESTING CO. INC.

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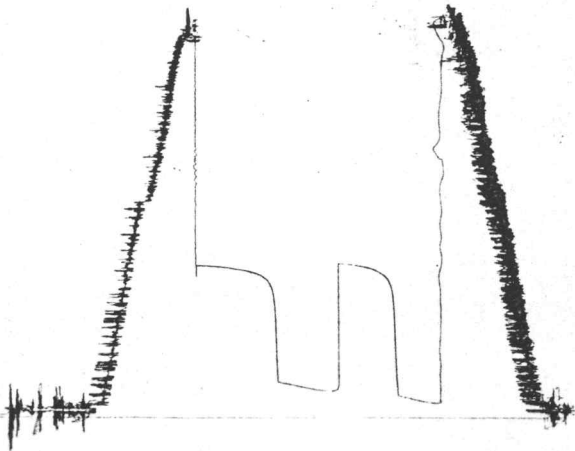


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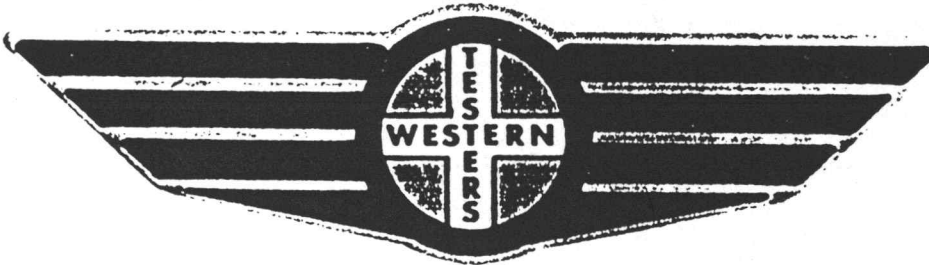
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FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY BEREXCO, INC. LEASE & WELL NO. PHYLLIS POTTER #3 SEC. 24 TWP. 17S RGE. 25 TEST NO. 2 DATE 12/13/88

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 12-13-88 TICKET : 14238
CUSTOMER : BEREXCO INC. LEASE : PHYLLIS POTTER
WELL : #3 TEST: 2 GEOLOGIST : MCMAHON
ELEVATION : 2470 KB FORMATION : MISS CONG & MIS

SECTION : 24 TOWNSHIP : 17S
RANGE : 25W COUNTY : NESS STATE : KANSAS
GAUGE SN# : 10270 RANGE : 4150 CLOCK : 12

INTERVAL FROM : 4366 TO : 4406 TOTAL DEPTH : 4406
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 4361 SIZE : 6.63
PACKER DEPTH : 4366 SIZE : 6.63
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : BEREDCO RIG 3
MUD TYPE : CHEMICAL VISCOSITY : 46
WEIGHT : 9.3 WATER LOSS (CC) : 11
CHLORIDES (PPM) : 9000
JARS-MAKE : - SERIAL NUMBER : -
DID WELL FLOW ? : - REVERSED OUT ? : -

DRILL COLLAR LENGTH : 0 FT I.D. inch : 0.00
WEIGHT PIPE LENGTH : 760 FT I.D. inch : 2.70
DRILL PIPE LENGTH : 3584 FT I.D. inch : 3.80
TEST TOOL LENGTH : 22 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-STRONG BLOW IN 2 MINUTES.
BLOW COMMENT #2 : FINAL FLOW-STRONG BLOW IN 2 MINUTES.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : BEREXCO INC.
RIG : NESS-KANSAS
FIELD : PHYLLIS POTTER
WELL : #3
DATE : 12-13-88
GAUGE NO : 10270

OPERATIONAL COMMENTS

RECOVERED 80 FEET OF GAS ABOVE FLUID.

COMPANY : BEREXCO INC.
 WELL : #3
 GAUGE # : 10270
 DATE : 13/12/88

FIELD : PHYLLIS POTTER
 JOB # : 14238
 DEPTH : 4406
 TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P $P_i - P(i-1)$
INITIAL FLOW					
2	12:10:0	0.000	146.000	123.00	0.000
3	12:14:59	0.083	214.000	123.00	68.000
4	12:20:0	0.157	333.000	123.00	119.000
5	12:25:0	0.250	410.000	123.00	77.000
6	12:29:59	0.333	487.000	123.00	77.000
7	12:35:0	0.417	531.000	123.00	44.000
8	12:40:0	0.500	575.000	123.00	44.000
INITIAL SHUT-IN					
9	12:43:0	0.550	1052.000	123.00	477.000
10	12:46:0	0.600	1179.000	123.00	127.000
11	12:49:0	0.650	1218.000	123.00	39.000
12	12:52:0	0.700	1236.000	123.00	18.000
13	12:55:0	0.750	1248.000	123.00	12.000
14	12:58:0	0.800	1255.000	123.00	7.000
15	13:01:0	0.850	1261.000	123.00	6.000
16	13:04:0	0.900	1267.000	123.00	6.000
17	13:07:0	0.950	1272.000	123.00	5.000
18	13:10:0	1.000	1274.000	123.00	2.000
19	13:13:0	1.050	1277.000	123.00	3.000
20	13:16:0	1.100	1279.000	123.00	2.000
21	13:19:0	1.150	1281.000	123.00	2.000
22	13:22:0	1.200	1283.000	123.00	2.000
23	13:25:0	1.250	1285.000	123.00	2.000
24	13:28:0	1.300	1286.000	123.00	1.000
FINAL FLOW					
25	13:29:0	1.317	624.000	123.00	-662.000
26	13:32:59	1.383	630.000	123.00	6.000
27	13:38:0	1.467	663.000	123.00	33.000
28	13:43:0	1.550	698.000	123.00	35.000
29	13:47:59	1.633	731.000	123.00	33.000
30	13:53:0	1.717	762.000	123.00	31.000
31	13:58:0	1.800	788.000	123.00	26.000
32	14:02:59	1.883	812.000	123.00	24.000
33	14:08:0	1.967	837.000	123.00	25.000
34	14:13:0	2.050	855.000	123.00	18.000
FINAL SHUT-IN					
35	14:16:0	2.100	1130.000	123.00	275.000
36	14:18:59	2.150	1212.000	123.00	82.000
37	14:22:0	2.200	1232.000	123.00	20.000
38	14:25:0	2.250	1242.000	123.00	10.000
39	14:28:0	2.300	1250.000	123.00	8.000
40	14:31:0	2.350	1254.000	123.00	4.000
41	14:33:59	2.400	1257.000	123.00	3.000
42	14:37:0	2.450	1261.000	123.00	4.000
43	14:40:0	2.500	1264.000	123.00	3.000
44	14:43:0	2.550	1268.000	123.00	4.000
45	14:46:0	2.600	1270.000	123.00	2.000
46	14:49:0	2.650	1271.000	123.00	1.000
47	14:51:59	2.700	1272.000	123.00	1.000
48	14:55:0	2.750	1273.000	123.00	1.000

COMPANY : BEREXCO INC.
WELL : #3
GAUGE # : 10270
DATE : 13/12/88

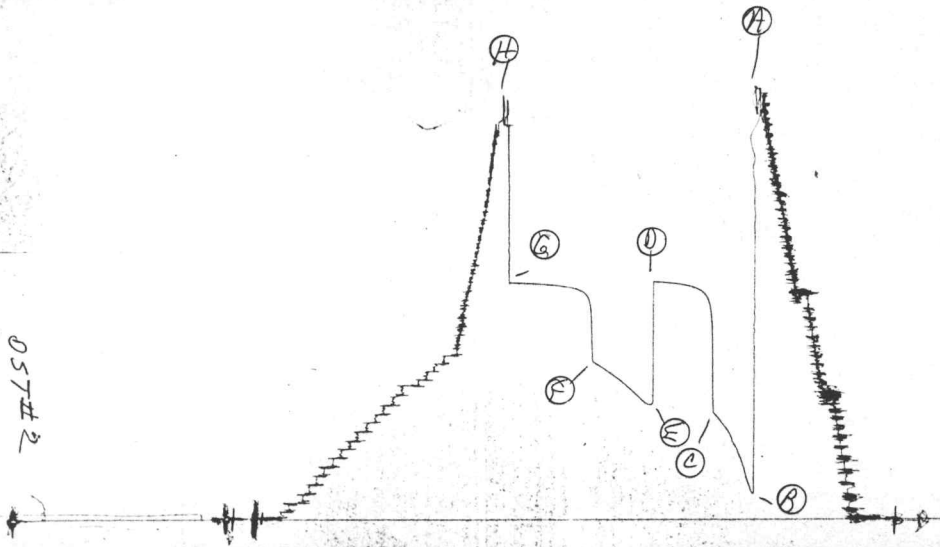
FIELD : PHYLLIS POTTER
JOB # : 14238
DEPTH : 4406
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
49	14:58:0	2.800	1274.000	123.00	1.000
50	15:01:0	2.850	1275.000	123.00	1.000
51	15:04:0	2.900	1276.000	123.00	1.000
52	15:06:59	2.950	1277.000	123.00	1.000
53	15:10:0	3.000	1278.000	123.00	1.000
54	15:13:0	3.050	1279.000	123.00	1.000
55	15:16:0	3.100	1280.000	123.00	1.000

WESTERN TESTING CO. INC.

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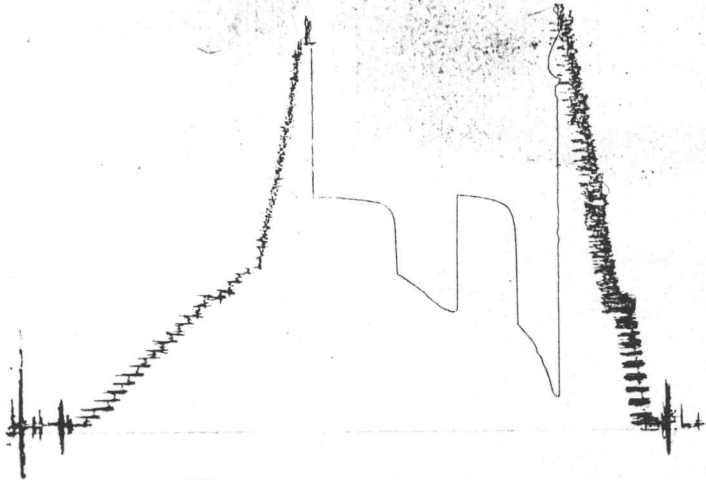


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