

15-109-20487

17-12s-33w

COMPANY BEREN CORPORATION

LEASE & WELL NO.

JANICE #3

SEC. 17 TWP. 12S RGE. 33W TEST NO. 1 DATE 4/20/90

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	4-20-90	TICKET	:	15950
CUSTOMER	:	BEREN CORPORATION	LEASE	:	JANICE
WELL	:	#3	TEST:	:	1
ELEVATION	:	3126 GL (EST)	GEOLOGIST	:	RAYMOND HALL
SECTION	:	17	FORMATION	:	OREAD
RANGE	:	33W	COUNTY	:	LOGAN
GAUGE SN#	:	4376	RANGE	:	4000
			STATE	:	KANSAS
			CLOCK	:	12

INTERVAL FROM : 3960 TO : 3986 TOTAL DEPTH : 4008
DEPTH OF SELECTIVE ZONE :

PACKER DEPTH	:	3955	SIZE	:	6.75
PACKER DEPTH	:	3960	SIZE	:	6.75
PACKER DEPTH	:	3986	SIZE	:	6.75
PACKER DEPTH	:		SIZE	:	

DRILLING CON.	:	WHITE & ELLIS #9			
MUD TYPE	:	CHEMICAL	VISCOSITY	:	37
WEIGHT	:	8.8	WATER LOSS (CC)	:	12.4
CHLORIDES (PPM)	:	3000			
JARS-MAKE	:	WTC	SERIAL NUMBER	:	406
DID WELL FLOW ?	:	NO	REVERSED OUT ?	:	NO

DRILL COLLAR LENGTH	:	0	FT	I.D. inch	:	0.00
WEIGHT PIPE LENGTH	:	0	FT	I.D. inch	:	0.00
DRILL PIPE LENGTH	:	3938	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	22	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	26	FT	ANCHOR SIZE	:	5.50
SURFACE CHOKE SIZE	:	.75	IN	BOTTOM CHOKE SIZE	:	.75
MAIN HOLE SIZE	:	7.875	IN	TOOL JOINT SIZE	:	4.5XH

BLOW COMMENT #1 : INITIAL FLOW PERIOD NO BLOW
BLOW COMMENT #2 : FLUSHED TOOL-NO BLOW
BLOW COMMENT #3 : FINAL FLOW PERIOD NO BLOW
BLOW COMMENT #4 :

RECOVERED : 5 FT OF: MUD
RECOVERED : 0 FT OF: CHLORIDES 3000 P.P.M.

Total Barrels Fluid = 0.07
Total Fluid Prod Rate = 1.68 BFPD
Indicated Wtr Rate = 0.17 BWPD

REMARK 1 :
REMARK 2 : FLUSHED TOOL ON I.F.P.
REMARK 3 :
REMARK 4 :

SET PACKER(S) :	7:30 P.M.	TIME STARTED OFF BOTTOM :	9:30 P.M.
WELL TEMPERATURE :	128		
INITIAL HYDROSTATIC PRESSURE		(A)	1919
INITIAL FLOW PERIOD MIN:	30	(B)	48 PSI TO (C) : 50
INITIAL CLOSED IN PERIOD MIN:	30	(D)	770
FINAL FLOW PERIOD MIN:	30	(E)	49 PSI TO (F) : 49
FINAL CLOSED IN PERIOD MIN:	30	(G)	617
FINAL HYDROSTATIC PRESSURE		(H)	1919

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : BEREN CORPORATION
RIG : LOGAN-KANSAS
FIELD : JANICE
WELL : #3
DATE : 4-20-90
GAUGE NO : 4376

OPERATIONAL COMMENTS

FLUSHED TOOL ON I.F.P.

COMPANY : BEREN CORPORATION
WELL : #3
GAUGE # : 4376
DATE : 20/ 4/90

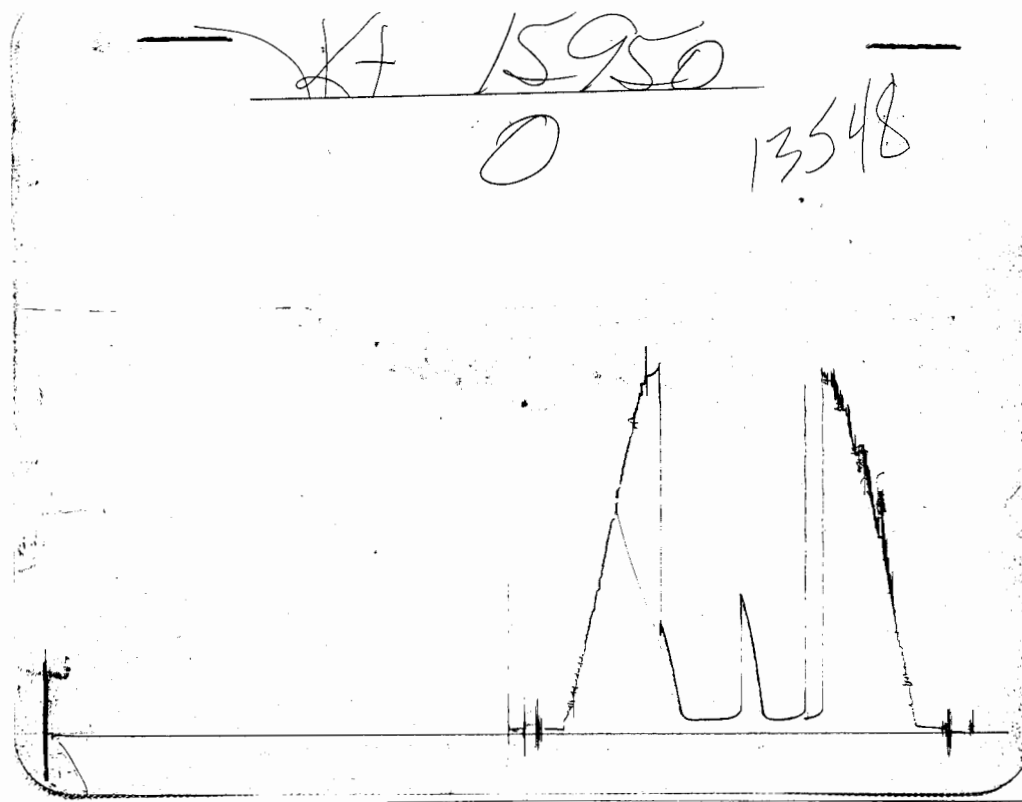
FIELD : JANICE
JOB # : 15950
DEPTH : 4008
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
INITIAL FLOW PERIOD					
2	7:30: 0	0.000	48.000	128.00	0.000
3	7:34:59	0.083	48.000	128.00	0.000
4	7:40: 0	0.167	48.000	128.00	0.000
5	7:45: 0	0.250	55.000	128.00	7.000
6	7:49:59	0.333	50.000	128.00	-5.000
7	7:55: 0	0.417	50.000	128.00	0.000
8	8: 0: 0	0.500	50.000	128.00	0.000
INITIAL SHUT-IN PERIOD					
9	8: 3: 0	0.550	50.000	128.00	0.000
10	8: 6: 0	0.600	54.000	128.00	4.000
11	8: 9: 0	0.650	80.000	128.00	26.000
12	8:12: 0	0.700	152.000	128.00	72.000
13	8:15: 0	0.750	277.000	128.00	125.000
14	8:18: 0	0.800	412.000	128.00	135.000
15	8:21: 0	0.850	527.000	128.00	115.000
16	8:24: 0	0.900	630.000	128.00	103.000
17	8:27: 0	0.950	720.000	128.00	80.000
18	8:30: 0	1.000	770.000	128.00	50.000
FINAL FLOW PERIOD					
19	8:31: 0	1.017	49.000	128.00	-721.000
20	8:34:59	1.083	49.000	128.00	0.000
21	8:40: 0	1.167	49.000	128.00	0.000
22	8:45: 0	1.250	49.000	128.00	0.000
23	8:49:59	1.333	49.000	128.00	0.000
24	8:55: 0	1.417	49.000	128.00	0.000
25	9: 0: 0	1.500	49.000	128.00	0.000
FINAL SHUT-IN PERIOD					
26	9: 3: 0	1.550	50.000	128.00	1.000
27	9: 6: 0	1.600	53.000	128.00	3.000
28	9: 9: 0	1.650	65.000	128.00	12.000
29	9:12: 0	1.700	121.000	128.00	56.000
30	9:15: 0	1.750	199.000	128.00	78.000
31	9:18: 0	1.800	309.000	128.00	110.000
32	9:21: 0	1.850	406.000	128.00	97.000
33	9:24: 0	1.900	494.000	128.00	88.000
34	9:27: 0	1.950	568.000	128.00	74.000
35	9:30: 0	2.000	617.000	128.00	49.000

WESTERN TESTING CO. INC.

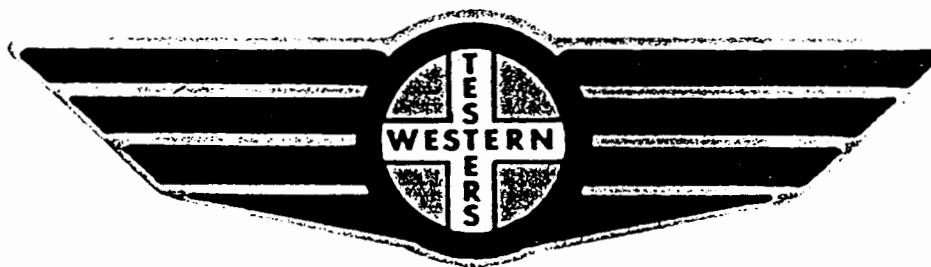


Inside Recorder



Outside Recorder

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY BEREN CORPORATION

LEASE & WELL NO. JANICE #3

SEC. 17 TWP. 12S RGE. 33W TEST NO. 2 DATE 4/21/90

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 4-21-90 TICKET : 16176
CUSTOMER : BEREN CORPORATION LEASE : JANICE
WELL : #3 TEST: 2 GEOLOGIST : RAYMOND HALL
ELEVATION : 3126 GL (EST) FORMATION : TORONTO LIMESTONE

SECTION : 17 TOWNSHIP : 12S
RANGE : 33W COUNTY : LOGAN STATE : KANSAS
GAUGE SN# : 4376 RANGE : 4000 CLOCK : 12

INTERVAL FROM : 4018 TO : 4050 TOTAL DEPTH : 4050
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 4012 SIZE : 6.75
PACKER DEPTH : 4018 SIZE : 6.75
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : WHITE & ELLIS #9
MUD TYPE : CHEMICAL VISCOSITY : 43
WEIGHT : 9.0 WATER LOSS (CC) : 10.4
CHLORIDES (PPM) : 4000
JARS-MAKE : WTC SERIAL NUMBER : 406
DID WELL FLOW ? : NO REVERSED OUT ? : YES

DRILL COLLAR LENGTH : 0 FT I.D. inch : 0.00
WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00
DRILL PIPE LENGTH : 3990 FT I.D. inch : 3.80
TEST TOOL LENGTH : 28 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 32 FT ANCHOR SIZE : 5.50
SURFACE CHOKE SIZE : .75 IN BOTTOM CHOKE SIZE : .75
MAIN HOLE SIZE : 7.875 IN TOOL JOINT SIZE : 4.5XH

BLOW COMMENT #1 : BOTTOM OF BUCKET IN 1 MINUTE WITH
BLOW COMMENT #2 : STRONG BLOWS DURING BOTH FLOW PERIODS.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 138 FT OF: MUD
RECOVERED : 2150 FT OF: WATER
RECOVERED : 0 FT OF: CHLORIDES 42000 P.P.M.

Total Barrels Fluid = 32.09
Total Fluid Prod Rate = 770.21 BFPD
Indicated Wtr Rate = 728.40 BWPD

REMARK 1 :
REMARK 2 : SLID 10' TO BOTTOM WHEN TOOL OPENED
REMARK 3 :
REMARK 4 :

SET PACKER(S) :	10:00 A.M.	TIME STARTED OFF BOTTOM :	12:30 P.M.
WELL TEMPERATURE :	128		
INITIAL HYDROSTATIC PRESSURE		(A)	1957
INITIAL FLOW PERIOD MIN:	15	(B)	350 PSI TO (C) : 557
INITIAL CLOSED IN PERIOD MIN:	30	(D)	1239
FINAL FLOW PERIOD MIN:	45	(E)	670 PSI TO (F) : 1086
FINAL CLOSED IN PERIOD MIN:	60	(G)	1237
FINAL HYDROSTATIC PRESSURE		(H)	1954

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : BEREN CORPORATION
RIG : LOGAN-KANSAS
FIELD : JANICE
WELL : #3
DATE : 4-21-90
GAUGE NO : 4376

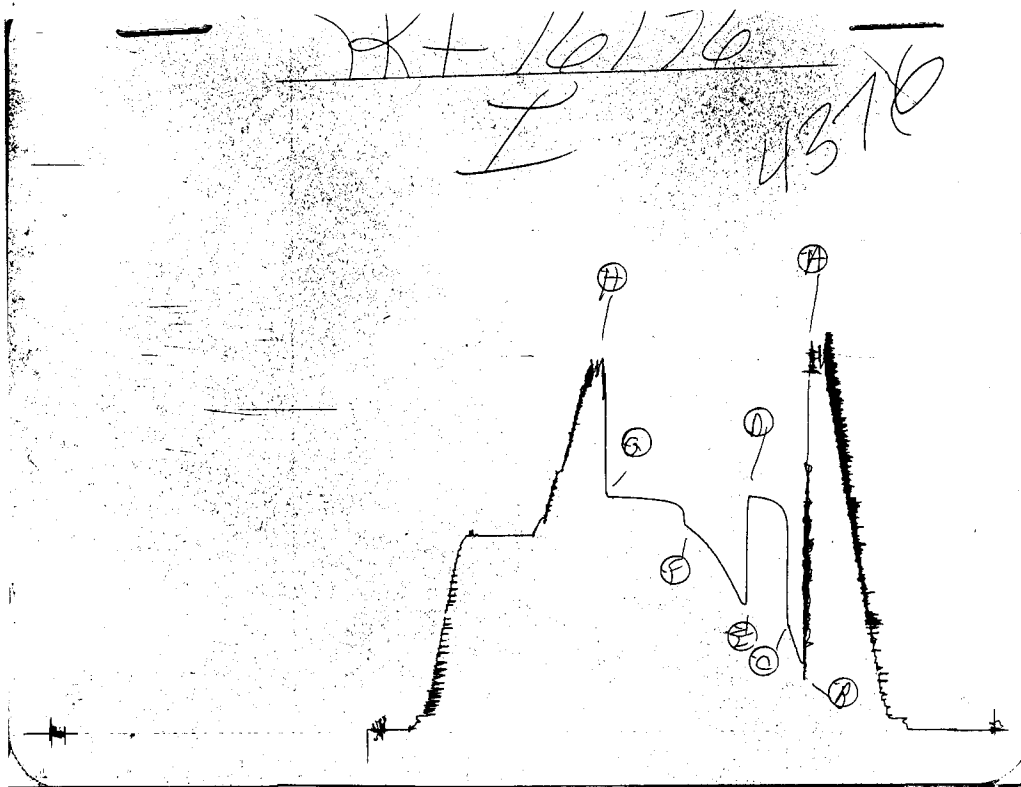
OPERATIONAL COMMENTS

SLID 10' TO BOTTOM WHEN TOOL OPENED

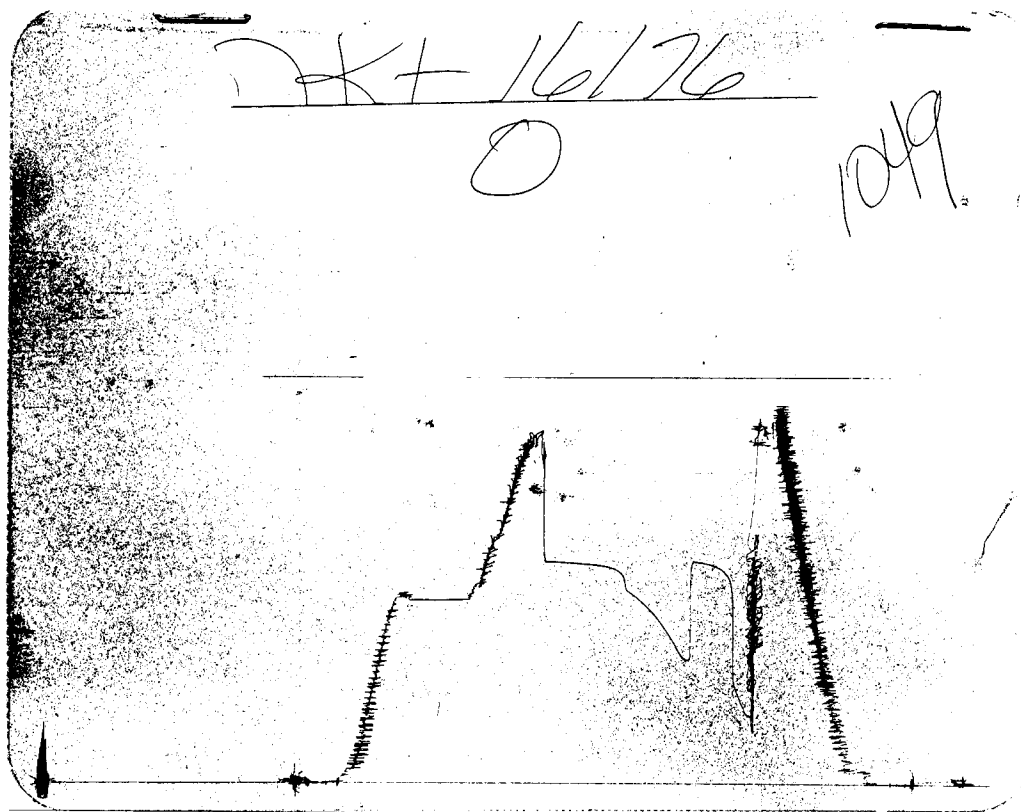
COMPANY : BEREN CORPORATION
WELL : #3
GAUGE # : 4376
DATE : 21/ 4/90

FIELD : JANICE
JOB # : 16176
DEPTH : 4050
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 PERIOD					
2	10: 0: 0	0.000	350.000	128.00	0.000
3	10: 4:59	0.083	401.000	128.00	51.000
4	10:10: 0	0.167	495.000	128.00	94.000
5	10:15: 0	0.250	557.000	128.00	62.000
INITIAL SHUT-IN PERIOD					
6	10:18: 0	0.300	1139.000	128.00	582.000
7	10:21: 0	0.350	1179.000	128.00	40.000
8	10:24: 0	0.400	1197.000	128.00	18.000
9	10:27: 0	0.450	1211.000	128.00	14.000
10	10:30: 0	0.500	1218.000	128.00	7.000
11	10:33: 0	0.550	1225.000	128.00	7.000
12	10:36: 0	0.600	1229.000	128.00	4.000
13	10:39: 0	0.650	1233.000	128.00	4.000
14	10:42: 0	0.700	1235.000	128.00	2.000
15	10:45: 0	0.750	1239.000	128.00	4.000
FINAL FLOW PERIOD					
16	10:46: 0	0.767	670.000	128.00	-569.000
17	10:49:59	0.833	702.000	128.00	32.000
18	10:55: 0	0.917	775.000	128.00	73.000
19	11: 0: 0	1.000	840.000	128.00	65.000
20	11: 4:59	1.083	898.000	128.00	58.000
21	11:10: 0	1.167	949.000	128.00	51.000
22	11:15: 0	1.250	989.000	128.00	40.000
23	11:19:59	1.333	1025.000	128.00	36.000
24	11:25: 0	1.417	1054.000	128.00	29.000
25	11:30: 0	1.500	1086.000	128.00	32.000
FINAL SHUT-IN PERIOD					
26	11:33: 0	1.550	1168.000	128.00	82.000
27	11:36: 0	1.600	1189.000	128.00	21.000
28	11:39: 0	1.650	1199.000	128.00	10.000
29	11:42: 0	1.700	1206.000	128.00	7.000
30	11:45: 0	1.750	1213.000	128.00	7.000
31	11:48: 0	1.800	1215.000	128.00	2.000
32	11:51: 0	1.850	1217.000	128.00	2.000
33	11:54: 0	1.900	1219.000	128.00	2.000
34	11:57: 0	1.950	1221.000	128.00	2.000
35	12: 0: 0	2.000	1223.000	128.00	2.000
36	12: 3: 0	2.050	1225.000	128.00	2.000
37	12: 5:59	2.100	1227.000	128.00	2.000
38	12: 9: 0	2.150	1229.000	128.00	2.000
39	12:12: 0	2.200	1231.000	128.00	2.000
40	12:15: 0	2.250	1232.000	128.00	1.000
41	12:18: 0	2.300	1233.000	128.00	1.000
42	12:21: 0	2.350	1234.000	128.00	1.000
43	12:24: 0	2.400	1235.000	128.00	1.000
44	12:27: 0	2.450	1236.000	128.00	1.000
45	12:30: 0	2.500	1237.000	128.00	1.000



Inside Recorder



Outside Recorder

FORMATION TEST REPORT



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COMPANY BEREN CORPORATION

LEASE & WELL NO. JANICE #3

SEC. 17 TWP. 12SRGE. 33WTEST NO. 3 DATE 4/22/90

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 4-22-90 TICKET : 16177
CUSTOMER : BEREN CORPORATION LEASE : JANICE
WELL : #3 TEST: 3 GEOLOGIST : RAYMOND HALL
ELEVATION : 3126 GL (EST) FORMATION : LOWER K.C. H & I

SECTION : 17 TOWNSHIP : 12S
RANGE : 33W COUNTY : LOGAN STATE : KANSAS
GAUGE SN# : 4376 RANGE : 4000 CLOCK : 12

INTERVAL FROM : 4202 TO : 4270 TOTAL DEPTH : 4270
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 4197 SIZE : 6.75
PACKER DEPTH : 4202 SIZE : 6.75
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : WHITE & ELLIS RIG #9
MUD TYPE : CHEMICAL VISCOSITY : 55
WEIGHT : 9.2 WATER LOSS (CC) : 10.8
CHLORIDES (PPM) : 6000
JARS-MAKE : WTC SERIAL NUMBER : 406
DID WELL FLOW ? : NO REVERSED OUT ? : NO

DRILL COLLAR LENGTH : 0 FT I.D. inch : 0.00
WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00
DRILL PIPE LENGTH : 4174 FT I.D. inch : 3.80
TEST TOOL LENGTH : 28 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 68 FT ANCHOR SIZE : 5.50
SURFACE CHOKE SIZE : .75 IN BOTTOM CHOKE SIZE : .75
MAIN HOLE SIZE : 7.875 IN TOOL JOINT SIZE : 4.5XH

BLOW COMMENT #1 : INITIAL FLOW PERIOD WEAK BUILDING BLOW
BLOW COMMENT #2 : 4.5 IN. AFTER 15 MINUTES.
BLOW COMMENT #3 : FINAL FLOW PERIOD WEAK BUILDING BLOW
BLOW COMMENT #4 : 5 IN. AFTER 45 MINUTES.

RECOVERED : 160 FT OF: MUD WITH GOOD SCUM OF OIL
RECOVERED : 0 FT OF: CHLORIDES 6000 P.P.M.

Total Barrels Fluid = 2.24
Total Fluid Prod Rate = 53.86 BFPD
Indicated Oil Rate = 0.54 BOPD
Indicated Wtr Rate = 5.39 BWPD
Corrected Oil Rate = 44.92 BOPD
Corrected Wtr Rate = 449.16 BWPD

REMARK 1 :
REMARK 2 : SLI. PLUGGING ACTION ON FINAL FLOW PERIOD.
REMARK 3 : CLOCK STOPPED ON OUTSIDE RECORDER.
REMARK 4 : RW OF MUD= 1.4 @ 60 DEGREES.

SET PACKER(S) : 3:30 P.M. TIME STARTED OFF BOTTOM : 6:30 P.M.
WELL TEMPERATURE : 122
INITIAL HYDROSTATIC PRESSURE (A) 2114
INITIAL FLOW PERIOD MIN: 15 (B) 85 PSI TO (C) : 88
INITIAL CLOSED IN PERIOD MIN: 30 (D) 1285
FINAL FLOW PERIOD MIN: 45 (E) 109 PSI TO (F) : 135
FINAL CLOSED IN PERIOD MIN: 90 (G) 1278
FINAL HYDROSTATIC PRESSURE (H) 2082

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : BEREN CORPORATION
RIG : LOGAN-KANSAS
FIELD : JANICE
WELL : #3
DATE : 4-22-90
GAUGE NO : 4376

OPERATIONAL COMMENTS

SLI. PLUGGING ACTION ON FINAL FLOW PERIOD.
CLOCK STOPPED ON OUTSIDE RECORDER.
RW OF MUD= 1.4 @ 60 DEGREES.

COMPANY : BEREN CORPORATION
WELL : #3
GAUGE # : 4376
DATE : 22/ 4/90

FIELD : JANICE
JOB # : 16177
DEPTH : 4270
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 PERIOD					
2	3:30: 0	0.000	85.000	122.00	0.000
3	3:34:59	0.083	85.000	122.00	0.000
4	3:40: 0	0.167	85.000	122.00	0.000
5	3:45: 0	0.250	88.000	122.00	3.000
INITIAL SHUT-IN PERIOD					
6	3:48: 0	0.300	767.000	122.00	679.000
7	3:51: 0	0.350	1080.000	122.00	313.000
8	3:54: 0	0.400	1166.000	122.00	86.000
9	3:57: 0	0.450	1195.000	122.00	29.000
10	4: 0: 0	0.500	1222.000	122.00	27.000
11	4: 3: 0	0.550	1240.000	122.00	18.000
12	4: 6: 0	0.600	1253.000	122.00	13.000
13	4: 9: 0	0.650	1265.000	122.00	12.000
14	4:12: 0	0.700	1273.000	122.00	8.000
15	4:15: 0	0.750	1285.000	122.00	12.000
FINAL FLOW PERIOD					
16	4:16: 0	0.767	109.000	122.00	-1176.000
17	4:19:59	0.833	109.000	122.00	0.000
18	4:25: 0	0.917	119.000	122.00	10.000
19	4:30: 0	1.000	118.000	122.00	-1.000
20	4:34:59	1.083	123.000	122.00	5.000
21	4:40: 0	1.167	126.000	122.00	3.000
22	4:45: 0	1.250	150.000	122.00	24.000
23	4:49:59	1.333	138.000	122.00	-12.000
24	4:55: 0	1.417	135.000	122.00	-3.000
25	5: 0: 0	1.500	135.000	122.00	0.000
FINAL SHUT-IN PERIOD					
26	5: 3: 0	1.550	758.000	122.00	623.000
27	5: 6: 0	1.600	992.000	122.00	234.000
28	5: 9: 0	1.650	1057.000	122.00	65.000
29	5:12: 0	1.700	1095.000	122.00	38.000
30	5:15: 0	1.750	1121.000	122.00	26.000
31	5:18: 0	1.800	1141.000	122.00	20.000
32	5:21: 0	1.850	1156.000	122.00	15.000
33	5:24: 0	1.900	1174.000	122.00	18.000
34	5:27: 0	1.950	1183.000	122.00	9.000
35	5:30: 0	2.000	1194.000	122.00	11.000
36	5:33: 0	2.050	1204.000	122.00	10.000
37	5:36: 0	2.100	1212.000	122.00	8.000
38	5:39: 0	2.150	1216.000	122.00	4.000
39	5:42: 0	2.200	1223.000	122.00	7.000
40	5:45: 0	2.250	1229.000	122.00	6.000
41	5:48: 0	2.300	1236.000	122.00	7.000
42	5:51: 0	2.350	1239.000	122.00	3.000
43	5:54: 0	2.400	1245.000	122.00	6.000
44	5:57: 0	2.450	1249.000	122.00	4.000
45	6: 0: 0	2.500	1252.000	122.00	3.000
46	6: 3: 0	2.550	1256.000	122.00	4.000
47	6: 6: 0	2.600	1259.000	122.00	3.000
48	6: 9: 0	2.650	1261.000	122.00	2.000

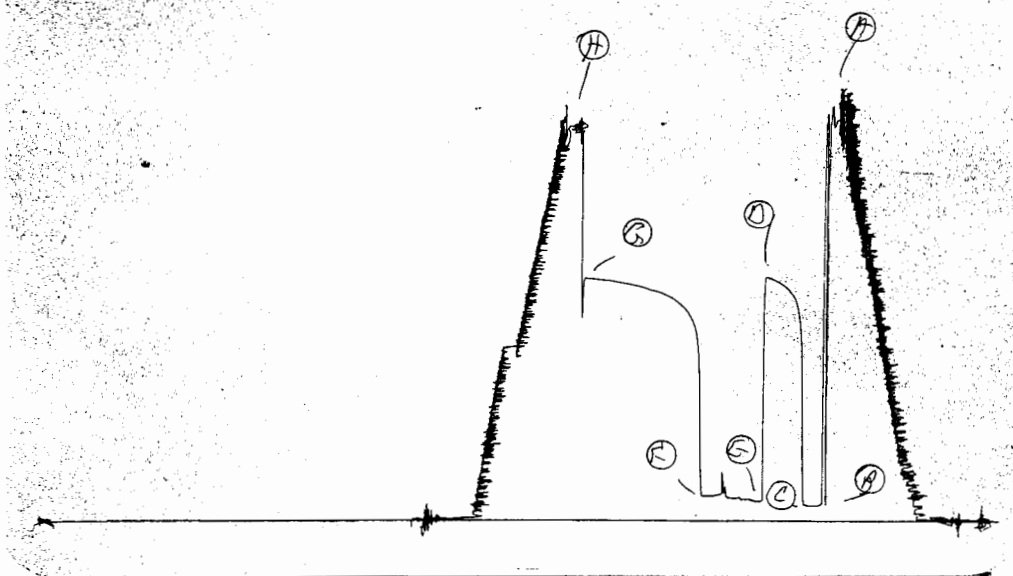
COMPANY : BEREN CORPORATION
WELL : #3
GAUGE # : 4376
DATE : 22/ 4/90

FIELD : JANICE
JOB # : 16177
DEPTH : 4270
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
49	6:12: 0	2.700	1265.000	122.00	4.000
50	6:15: 0	2.750	1269.000	122.00	4.000
51	6:18: 0	2.800	1272.000	122.00	3.000
52	6:21: 0	2.850	1274.000	122.00	2.000
53	6:24: 0	2.900	1276.000	122.00	2.000
54	6:27: 0	2.950	1277.000	122.00	1.000
55	6:30: 0	3.000	1278.000	122.00	1.000

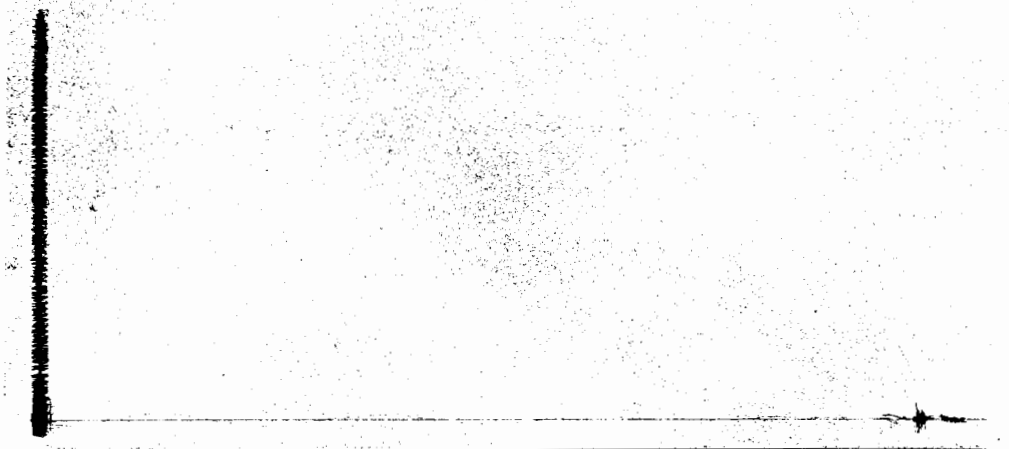
WESTERN TESTING CO. INC.

KT 16177 4376
I



Inside Recorder

KT 16177 1049
O



Outside Recorder

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY BEREN CORPORATION

LEASE & WELL NO.

JANICE #3

SEC. 17

TWP. 12S

RGE. 33W

TEST NO. 4

DATE 4/24/90

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	4-24-90	TICKET	:	16178
CUSTOMER	:	BEREN CORPORATION	LEASE	:	JANICE
WELL	:	#3	TEST:	:	4
ELEVATION	:	3126 GL (EST)	GEOLOGIST	:	RAYMOND HALL
SECTION	:	17	FORMATION	:	JOHNSON
RANGE	:	33W	COUNTY	:	LOGAN
GAUGE SN#	:	4376	RANGE	:	4000
			STATE	:	KANSAS
			CLOCK	:	12

INTERVAL FROM	:	4608	TO	:	4645	TOTAL DEPTH	:	4645
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	4603	SIZE	:	6.75			
PACKER DEPTH	:	4608	SIZE	:	6.75			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	WHITE & ELLIS RIG #9			
MUD TYPE	:	CHEMICAL	VISCOSITY	:	51
WEIGHT	:	9.5	WATER LOSS (CC)	:	10.4
CHLORIDES (PPM)	:	6000			
JARS-MAKE	:	WTC	SERIAL NUMBER	:	406
DID WELL FLOW ?	:	NO	REVERSED OUT ?	:	NO

DRILL COLLAR LENGTH	:	0	FT	I.D. inch	:	0.00
WEIGHT PIPE LENGTH	:	0	FT	I.D. inch	:	0.00
DRILL PIPE LENGTH	:	4580	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	28	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	37	FT	ANCHOR SIZE	:	5.50
SURFACE CHOKE SIZE	:	.75	IN	BOTTOM CHOKE SIZE	:	.75
MAIN HOLE SIZE	:	7.875	IN	TOOL JOINT SIZE	:	4.5XH

BLOW COMMENT #1	:	INITIAL FLOW PERIOD 1/2 IN. BLOW-BUILDING TO
BLOW COMMENT #2	:	BOTTOM OF BUCKET IN 13 MINUTES.
BLOW COMMENT #3	:	FINAL FLOW PERIOD 5 IN. BLOW-BUILDING TO
BLOW COMMENT #4	:	BOTTOM OF BUCKET IN 6 MINUTES.

RECOVERED : 120 FT OF: MUD-CUT GASSY OIL
RECOVERED : 0 FT OF: 90%OIL 5%GAS 5%MUD
RECOVERED : 0 FT OF: CHLORIDES 6000 P.P.M.

Total Barrels Fluid = 1.68
Total Fluid Prod Rate = 40.40 BFPD
Indicated Oil Rate = 36.36 BOPD
Indicated Wtr Rate = 0.20 BWPD
Corrected Oil Rate = 21.56 BOPD
Corrected Wtr Rate = 0.12 BWPD

REMARK 1 :
REMARK 2 : GRAVITY OF OIL 32 CORRECTED TO API 60 DEGREES F.
REMARK 3 : RW OF MUD= 1.4 @ 60 DEGREES.
REMARK 4 :

SET PACKER(S) : 8:45 A.M. TIME STARTED OFF BOTTOM : 11:45 A.M.
WELL TEMPERATURE : 124
INITIAL HYDROSTATIC PRESSURE (A) 2321
INITIAL FLOW PERIOD MIN: 15 (B) 59 PSI TO (C) : 59
INITIAL CLOSED IN PERIOD MIN: 30 (D) 367
FINAL FLOW PERIOD MIN: 45 (E) 72 PSI TO (F) : 83
FINAL CLOSED IN PERIOD MIN: 90 (G) 370
FINAL HYDROSTATIC PRESSURE (H) 2300

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : BEREN CORPORATION
RIG : LOGAN-KANSAS
FIELD : JANICE
WELL : #3
DATE : 4-24-90
GAUGE NO : 4376

OPERATIONAL COMMENTS

GRAVITY OF OIL 32 CORRECTED TO API 60 DEGREES F.
RW OF MUD= 1.4 @ 60 DEGREES.

COMPANY : BEREN CORPORATION
WELL : #3
GAUGE # : 4376
DATE : 24/ 4/90

FIELD : JANICE
JOB # : 16178
DEPTH : 4645
TEST :

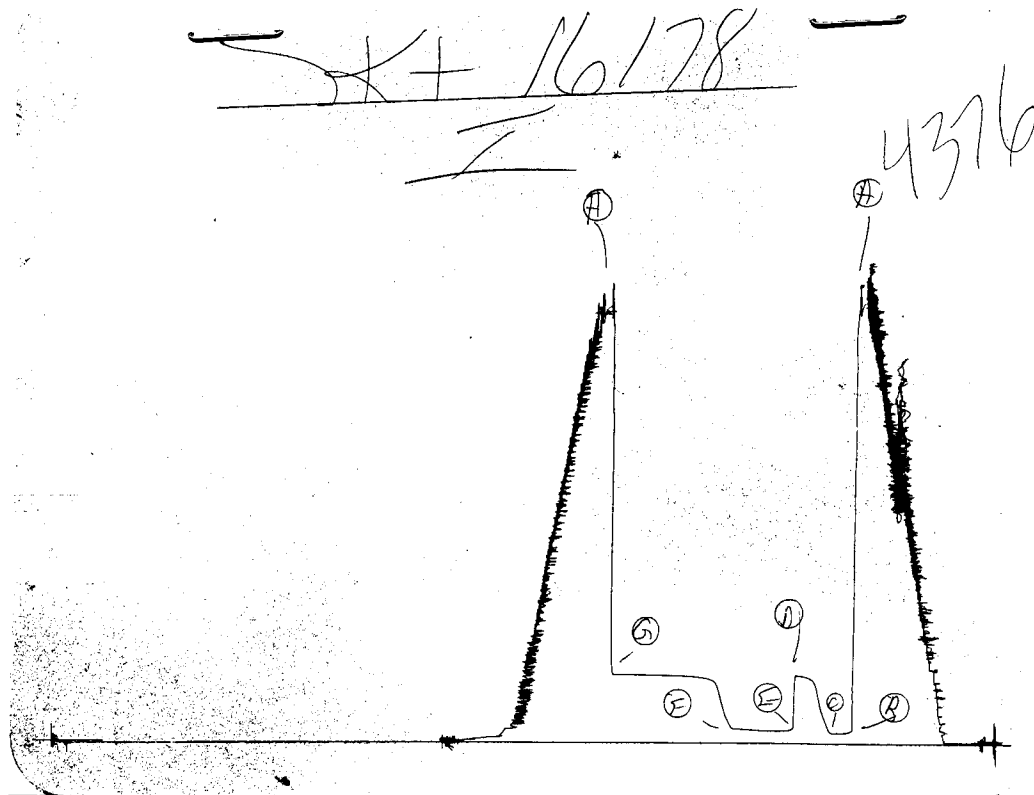
DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
INITIAL FLOW PERIOD					
2	8:45: 0	0.000	59.000	124.00	0.000
3	8:49:59	0.083	59.000	124.00	0.000
4	8:55: 0	0.167	59.000	124.00	0.000
5	9: 0: 0	0.250	59.000	124.00	0.000
INITIAL SHUT-IN PERIOD					
6	9: 3: 0	0.300	79.000	124.00	20.000
7	9: 6: 0	0.350	132.000	124.00	53.000
8	9: 9: 0	0.400	191.000	124.00	59.000
9	9:12: 0	0.450	292.000	124.00	101.000
10	9:15: 0	0.500	339.000	124.00	47.000
11	9:18: 0	0.550	352.000	124.00	13.000
12	9:21: 0	0.600	360.000	124.00	8.000
13	9:24: 0	0.650	363.000	124.00	3.000
14	9:27: 0	0.700	365.000	124.00	2.000
15	9:30: 0	0.750	367.000	124.00	2.000
FINAL FLOW PERIOD					
16	9:31: 0	0.767	72.000	124.00	-295.000
17	9:34:59	0.833	72.000	124.00	0.000
18	9:40: 0	0.917	72.000	124.00	0.000
19	9:45: 0	1.000	72.000	124.00	0.000
20	9:49:59	1.083	72.000	124.00	0.000
21	9:55: 0	1.167	72.000	124.00	0.000
22	10: 0: 0	1.250	76.000	124.00	4.000
23	10: 4:59	1.333	78.000	124.00	2.000
24	10:10: 0	1.417	81.000	124.00	3.000
25	10:15: 0	1.500	83.000	124.00	2.000
FINAL SHUT-IN PERIOD					
26	10:18: 0	1.550	107.000	124.00	24.000
27	10:21: 0	1.600	151.000	124.00	44.000
28	10:24: 0	1.650	223.000	124.00	72.000
29	10:27: 0	1.700	300.000	124.00	77.000
30	10:30: 0	1.750	334.000	124.00	34.000
31	10:33: 0	1.800	345.000	124.00	11.000
32	10:36: 0	1.850	351.000	124.00	6.000
33	10:39: 0	1.900	356.000	124.00	5.000
34	10:42: 0	1.950	358.000	124.00	2.000
35	10:45: 0	2.000	360.000	124.00	2.000
36	10:48: 0	2.050	361.000	124.00	1.000
37	10:51: 0	2.100	362.000	124.00	1.000
38	10:54: 0	2.150	363.000	124.00	1.000
39	10:57: 0	2.200	364.000	124.00	1.000
40	11: 0: 0	2.250	365.000	124.00	1.000
41	11: 3: 0	2.300	365.000	124.00	0.000
42	11: 6: 0	2.350	366.000	124.00	1.000
43	11: 9: 0	2.400	366.000	124.00	0.000
44	11:12: 0	2.450	367.000	124.00	1.000
45	11:15: 0	2.500	367.000	124.00	0.000
46	11:18: 0	2.550	367.000	124.00	0.000
47	11:21: 0	2.600	368.000	124.00	1.000
48	11:24: 0	2.650	368.000	124.00	0.000

COMPANY : BEREN CORPORATION
WELL : #3
GAUGE # : 4376
DATE : 24/ 4/90

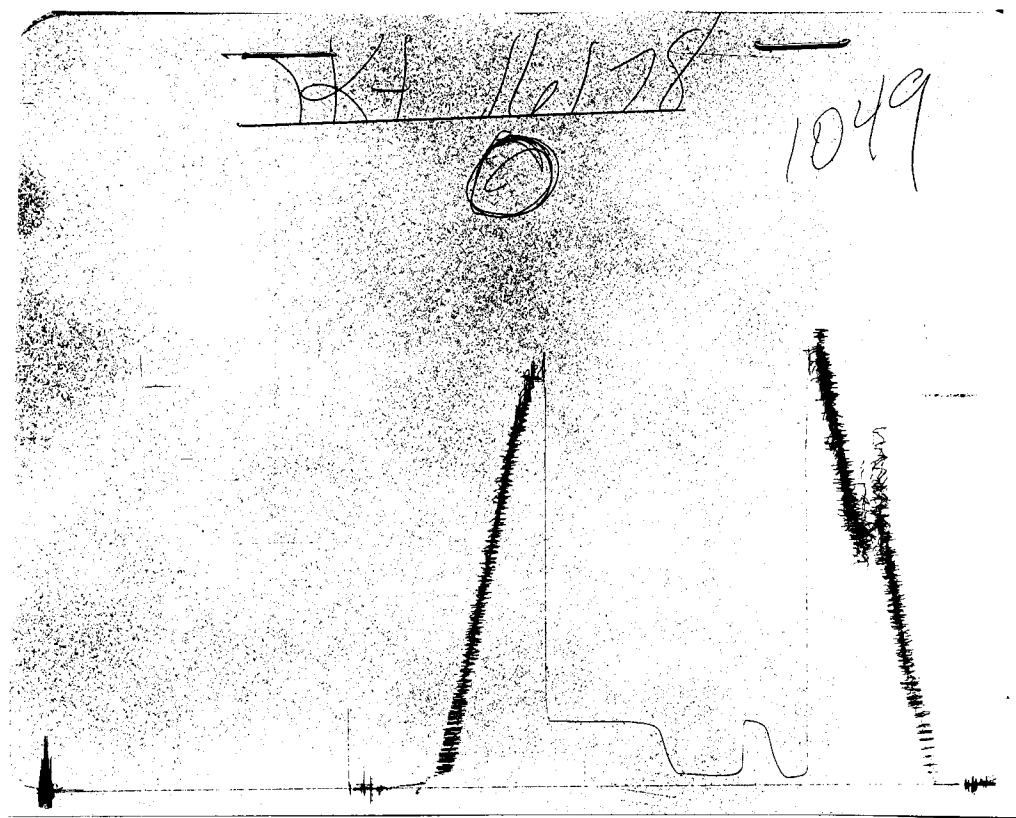
FIELD : JANICE
JOB # : 16178
DEPTH : 4645
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
49	11:27: 0	2.700	368.000	124.00	0.000
50	11:30: 0	2.750	368.000	124.00	0.000
51	11:33: 0	2.800	369.000	124.00	1.000
52	11:36: 0	2.850	369.000	124.00	0.000
53	11:39: 0	2.900	370.000	124.00	1.000
54	11:42: 0	2.950	370.000	124.00	0.000
55	11:45: 0	3.000	370.000	124.00	0.000

WESTERN TESTING CO. INC.

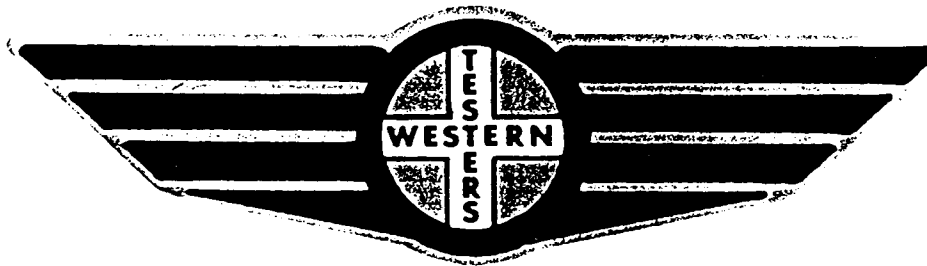


Inside Recorder



Outside Recorder

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY BEREN CORPORATION

LEASE & WELL NO.

JANICE #3

SEC. 17

TWP.

12SRGE.

33W

TEST NO.

5

DATE

4/25/90

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	4-25-90	TICKET	:	16179
CUSTOMER	:	BEREN CORPORATION	LEASE	:	JANICE
WELL	:	3	TEST:	:	5
ELEVATION	:	3126 G.L.	GEOLOGIST	:	HALL
SECTION	:	17	FORMATION	:	E&F
RANGE	:	33W	COUNTY	:	LOGAN
GAUGE SN#	:	4376	RANGE	:	4000
			STATE	:	KANSAS
			CLOCK	:	12HR

INTERVAL FROM	:	4119	TO	:	4155	TOTAL DEPTH	:	4773
DEPTH OF SELECTIVE ZONE	:	NONE						
PACKER DEPTH	:	4146	SIZE	:	6.75			
PACKER DEPTH	:	4149	SIZE	:	6.75			
PACKER DEPTH	:	4767	SIZE	:	6.75			
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	W&E RIG#9			
MUD TYPE	:	CHEMICAL	VISCOSITY	:	51
WEIGHT	:	9.5	WATER LOSS (CC)	:	10.4
CHLORIDES (PPM)	:	6000			
JARS-MAKE	:	WTC	SERIAL NUMBER	:	406
DID WELL FLOW ?	:	NO	REVERSED OUT ?	:	NO

DRILL COLLAR LENGTH	:	61	FT	I.D. inch	:	2.25
WEIGHT PIPE LENGTH	:	0	FT	I.D. inch	:	0.00
DRILL PIPE LENGTH	:	4030	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	28	FT	TOOL SIZE	:	28.00
ANCHOR LENGTH	:	36	FT	ANCHOR SIZE	:	5.50
SURFACE CHOKE SIZE	:	.75	IN	BOTTOM CHOKE SIZE	:	.75
MAIN HOLE SIZE	:	7.875	IN	TOOL JOINT SIZE	:	4.5XH

BLOW COMMENT #1	:	WEAK BUILDING TO 4 INCHES ON INITIAL FLOW PERIOD				
BLOW COMMENT #2	:	WEAK BUILDING TO 5.5 INCHES ON FINAL FLOW PERIOD				
BLOW COMMENT #3	:					
BLOW COMMENT #4	:					

RECOVERED : 50 FT OF: CLEAN OIL GRAVITY 31 DEG AT 60 DEG
RECOVERED : 125 FT OF: OIL CUT MUD WITH TRACE OF WATER
RECOVERED : 0 FT OF: 10%OIL 90% MUD LESS THAN 1% WATER

Total Barrels Fluid = 1.90
Total Fluid Prod Rate = 45.58 BFPD
Indicated Oil Rate = 16.28 BOPD
Indicated Wtr Rate = 29.53 BWPD
Corrected Oil Rate = 35.23 BOPD
Corrected Wtr Rate = 63.92 BWPD

REMARK 1 : CHLORIDES 6000 RW .74 @ 46 DEG
REMARK 2 :
REMARK 3 :
REMARK 4 :

SET PACKER(S) : 10:45A.M. TIME STARTED OFF BOTTOM : 1:45A.M.
WELL TEMPERATURE : 123
INITIAL HYDROSTATIC PRESSURE (A) 2041
INITIAL FLOW PERIOD MIN: 15 (B) 61 PSI TO (C) : 76
INITIAL CLOSED IN PERIOD MIN: 30 (D) 1261
FINAL FLOW PERIOD MIN: 45 (E) 88 PSI TO (F) : 112
FINAL CLOSED IN PERIOD MIN: 90 (G) 1267
FINAL HYDROSTATIC PRESSURE (H) 2009

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : BEREN CORPORATION
RIG : LOGAN-KANSAS
FIELD : JANICE
WELL : 3
DATE : 4-25-90
GAUGE NO : 4376

OPERATIONAL COMMENTS

CHLORIDES 6000 RW .74 @ 46 DEG

COMPANY : BEREN CORPORATION
WELL : 3
GAUGE # : 4376
DATE : 25/ 4/90

FIELD : JANICE
JOB # : 16179
DEPTH : 4773
TEST : CHLORIDES 6000 RW .74 @
46 DEG

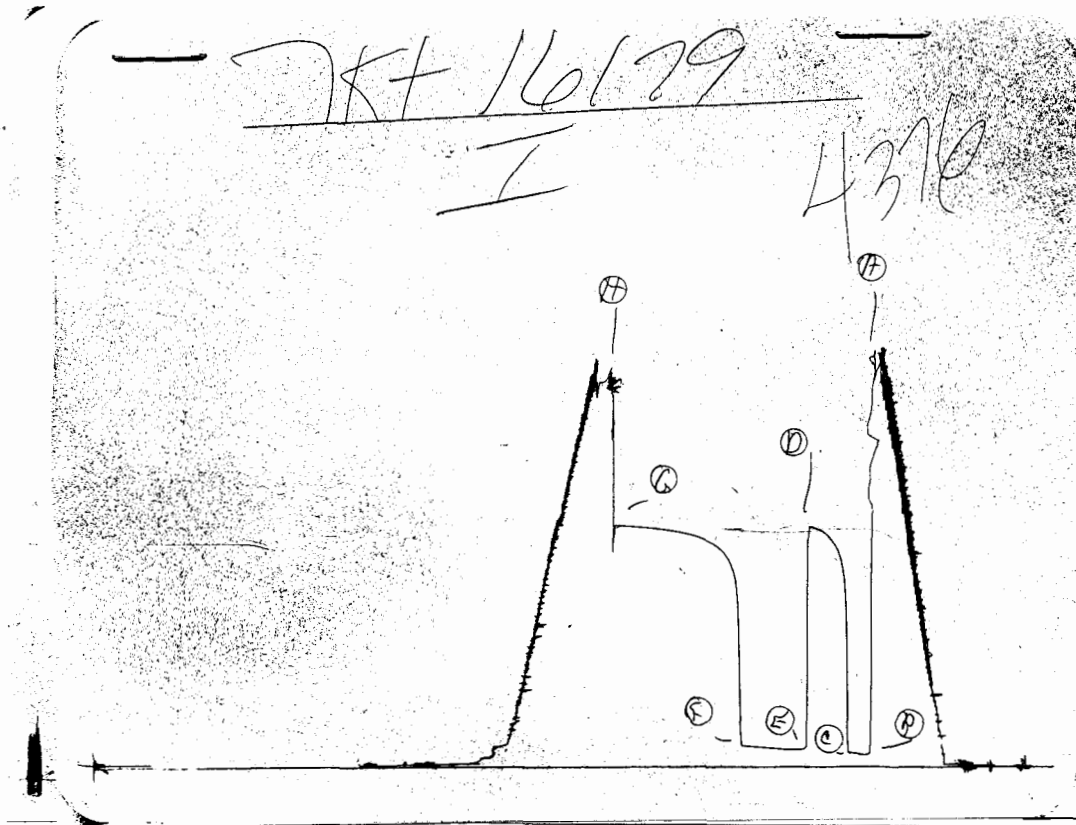
DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
INITIAL FLOW PERIOD					
2	10:45: 0	0.000	61.000	123.00	0.000
3	10:49:59	0.083	66.000	123.00	5.000
4	10:55: 0	0.167	71.000	123.00	5.000
5	11: 0: 0	0.250	76.000	123.00	5.000
INITIAL SHUT-IN PERIOD					
6	11: 3: 0	0.300	869.000	123.00	793.000
7	11: 6: 0	0.350	1087.000	123.00	218.000
8	11: 9: 0	0.400	1142.000	123.00	55.000
9	11:12: 0	0.450	1179.000	123.00	37.000
10	11:15: 0	0.500	1204.000	123.00	25.000
11	11:18: 0	0.550	1223.000	123.00	19.000
12	11:21: 0	0.600	1237.000	123.00	14.000
13	11:24: 0	0.650	1247.000	123.00	10.000
14	11:27: 0	0.700	1255.000	123.00	8.000
15	11:30: 0	0.750	1261.000	123.00	6.000
FINAL FLOW PERIOD					
16	11:31: 0	0.767	88.000	123.00	-1173.000
17	11:34:59	0.833	92.000	123.00	4.000
18	11:40: 0	0.917	92.000	123.00	0.000
19	11:45: 0	1.000	93.000	123.00	1.000
20	11:49:59	1.083	95.000	123.00	2.000
21	11:55: 0	1.167	99.000	123.00	4.000
22	12: 0: 0	1.250	102.000	123.00	3.000
23	12: 4:59	1.333	105.000	123.00	3.000
24	12:10: 0	1.417	106.000	123.00	1.000
25	12:15: 0	1.500	112.000	123.00	6.000
FINAL SHUT-IN PERIOD					
26	12:18: 0	1.550	757.000	123.00	645.000
27	12:21: 0	1.600	1002.000	123.00	245.000
28	12:24: 0	1.650	1069.000	123.00	67.000
29	12:27: 0	1.700	1106.000	123.00	37.000
30	12:30: 0	1.750	1134.000	123.00	28.000
31	12:33: 0	1.800	1154.000	123.00	20.000
32	12:36: 0	1.850	1168.000	123.00	14.000
33	12:39: 0	1.900	1179.000	123.00	11.000
34	12:42: 0	1.950	1190.000	123.00	11.000
35	12:45: 0	2.000	1198.000	123.00	8.000
36	12:48: 0	2.050	1206.000	123.00	8.000
37	12:51: 0	2.100	1213.000	123.00	7.000
38	12:54: 0	2.150	1217.000	123.00	4.000
39	12:57: 0	2.200	1223.000	123.00	6.000
40	13: 0: 0	2.250	1229.000	123.00	6.000
41	13: 3: 0	2.300	1233.000	123.00	4.000
42	13: 6: 0	2.350	1237.000	123.00	4.000
43	13: 9: 0	2.400	1239.000	123.00	2.000
44	13:12: 0	2.450	1243.000	123.00	4.000
45	13:15: 0	2.500	1245.000	123.00	2.000
46	13:18: 0	2.550	1249.000	123.00	4.000
47	13:21: 0	2.600	1252.000	123.00	3.000
48	13:24: 0	2.650	1255.000	123.00	3.000

COMPANY : BEREN CORPORATION
WELL : 3
GAUGE # : 4376
DATE : 25/ 4/90

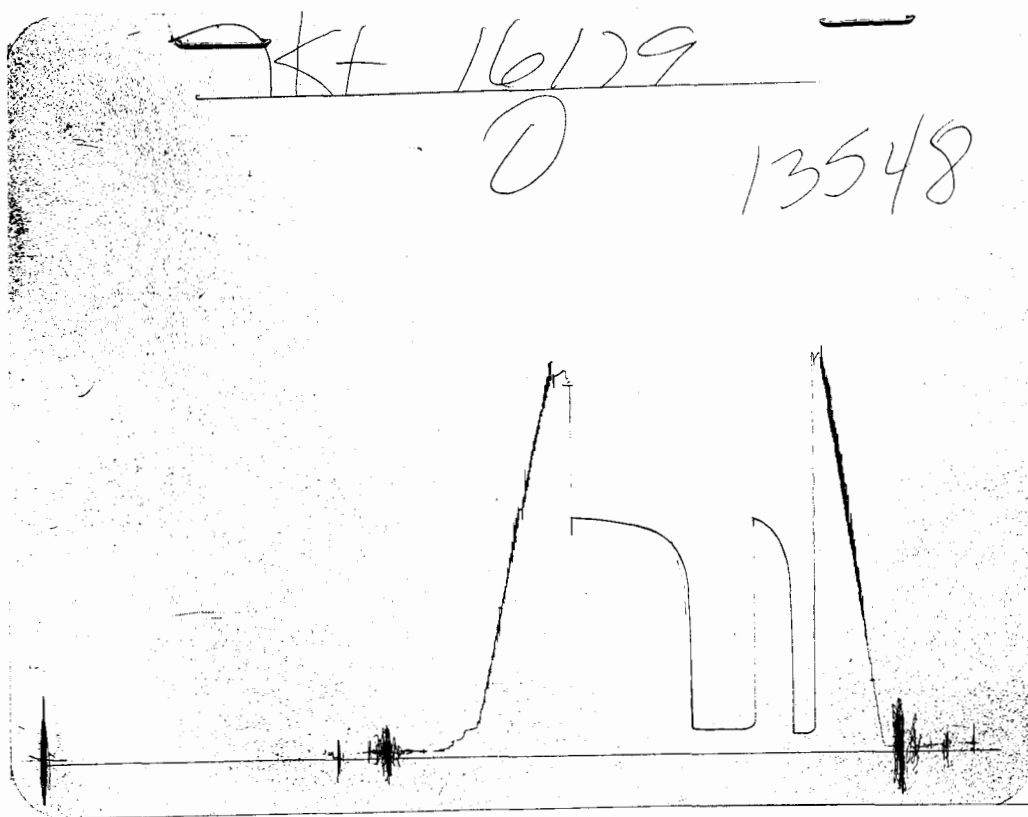
FIELD : JANICE
JOB # : 16179
DEPTH : 4773
TEST : CHLORIDES 6000
RW .74 @
46 DEG

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
49	13:27: 0	2.700	1257.000	123.00	2.000
50	13:30: 0	2.750	1258.000	123.00	1.000
51	13:33: 0	2.800	1259.000	123.00	1.000
52	13:36: 0	2.850	1261.000	123.00	2.000
53	13:39: 0	2.900	1263.000	123.00	2.000
54	13:42: 0	2.950	1265.000	123.00	2.000
55	13:45: 0	3.000	1267.000	123.00	2.000

WESTERN TESTING CO. INC.



Inside Recorder



Outside Recorder