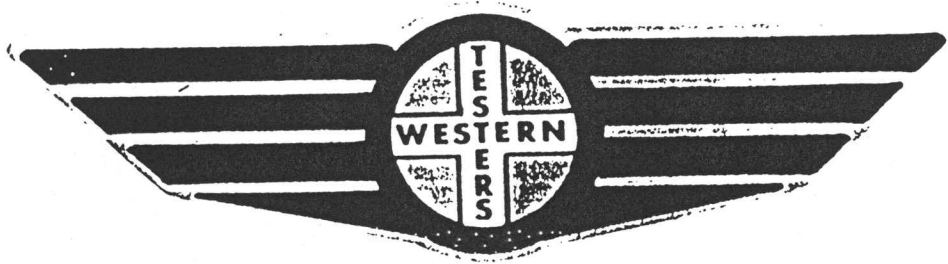


FORMATION TEST REPORT



Home Office: Wichita, Kansas 67201
P.O. Box 1599 Phone (316) 262-5861

COMPANY _____ BRITO OIL COMPANY, INC. LEASE & WELL NO. _____ NEWKIRK A-2 SEC. 31 TWP. 33S RGE. 11W TEST NO. 1 DATE 6/8/87

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 6-8-87 TICKET : 11010
CUSTOMER : BRITO OIL COMPANY INC. LEASE : NEWKIRK 'A'
WELL : #2 TEST: 1 GEOLOGIST : R. BRITO
ELEVATION : 1419 GL FORMATION : MISSISSIPPI
SECTION : 31 TOWNSHIP : 33S
RANGE : 11W COUNTY : BARBER STATE : KANSAS
GAUGE SN# : 10270 RANGE : 4150 CLOCK : 12

INTERVAL FROM : 4536 TO : 4570 TOTAL DEPTH : 4570

DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 4531 SIZE : 6.63
PACKER DEPTH : 4536 SIZE : 6.63
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : ALLEN DRILLING RIG #5
MUD TYPE : CHEMICAL VISCOSITY : 50
WEIGHT : 9.3 WATER LOSS (CC) : 12.8
CHLORIDES (PPM) : 5000
JARS-MAKE : - SERIAL NUMBER :
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 : 4516 FT I.D. inch : 3.80
TEST TOOL LENGTH : 20 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 34 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 THROUGHOUT.
BLOW COMMENT #2 : FINAL FLOW-STRONG BLOW THROUGHOUT.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

WESTERN TESTING CO. INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY : BRITO OIL COMPANY INC.
RIG : BARBER-KANSAS
FIELD : NEWKIRK 'A'
WELL : #2
DATE : 6-8-87
GAUGE NO : 10270

OPERATIONAL COMMENTS

GAS SURFACED ON FINAL SHUT-IN.

COMPANY : BRITO OIL COMPANY INC.
 WELL : #2
 GAUGE # : 10270
 DATE : 8/ 6/87

FIELD : NEWKIRK 'A'
 JOB # : 11010
 DEPTH : 4570
 TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	7:20: 0	0.000	36.000	120.00	0.000
2	7:24:59	0.083	36.000	120.00	0.000
3	7:30: 0	0.167	36.000	120.00	0.000
4	7:35: 0	0.250	31.000	120.00	-5.000
5	7:39:59	0.333	30.000	120.00	-1.000
6	7:45: 0	0.417	29.000	120.00	-1.000
7	7:50: 0	0.500	29.000	120.00	0.000
8	7:53: 0	0.550	164.000	120.00	135.000
9	7:56: 0	0.600	206.000	120.00	42.000
10	7:59: 0	0.650	213.000	120.00	7.000
11	8: 2: 0	0.700	214.000	120.00	1.000
12	8: 5: 0	0.750	215.000	120.00	1.000
13	8: 8: 0	0.800	216.000	120.00	1.000
14	8:11: 0	0.850	217.000	120.00	1.000
15	8:14: 0	0.900	218.000	120.00	1.000
16	8:17: 0	0.950	219.000	120.00	1.000
17	8:20: 0	1.000	222.000	120.00	3.000
18	8:23: 0	1.050	226.000	120.00	4.000
19	8:26: 0	1.100	226.000	120.00	0.000
20	8:29: 0	1.150	226.000	120.00	0.000
21	8:32: 0	1.200	226.000	120.00	0.000
22	8:35: 0	1.250	226.000	120.00	0.000
23	8:36: 0	1.267	45.000	120.00	-181.000
24	8:39:59	1.333	45.000	120.00	0.000
25	8:45: 0	1.417	45.000	120.00	0.000
26	8:50: 0	1.500	37.000	120.00	-8.000
27	8:54:59	1.583	37.000	120.00	0.000
28	9: 0: 0	1.667	37.000	120.00	0.000
29	9: 5: 0	1.750	37.000	120.00	0.000
30	9: 9:59	1.833	37.000	120.00	0.000
31	9:15: 0	1.917	37.000	120.00	0.000
32	9:20: 0	2.000	37.000	120.00	0.000
33	9:24:59	2.083	37.000	120.00	0.000
34	9:30: 0	2.167	37.000	120.00	0.000
35	9:35: 0	2.250	37.000	120.00	0.000
36	9:38: 0	2.300	100.000	120.00	63.000
37	9:41: 0	2.350	135.000	120.00	35.000
38	9:44: 0	2.400	156.000	120.00	21.000
39	9:47: 0	2.450	168.000	120.00	12.000
40	9:50: 0	2.500	179.000	120.00	11.000
41	9:53: 0	2.550	186.000	120.00	7.000
42	9:56: 0	2.600	191.000	120.00	5.000
43	9:59: 0	2.650	196.000	120.00	5.000
44	10: 2: 0	2.700	200.000	120.00	4.000
45	10: 5: 0	2.750	203.000	120.00	3.000
46	10: 8: 0	2.800	205.000	120.00	2.000
47	10:11: 0	2.850	207.000	120.00	2.000
48	10:14: 0	2.900	209.000	120.00	2.000
49	10:17: 0	2.950	211.000	120.00	2.000
50	10:20: 0	3.000	213.000	120.00	2.000
51	10:23: 0	3.050	214.000	120.00	1.000
52	10:26: 0	3.100	215.000	120.00	1.000

COMPANY : BRITO OIL COMPANY INC.
WELL : #2
GAUGE # : 10270
DATE : 8/ 6/87

FIELD : NEWKIRK 'A'
JOB # : 11010
DEPTH : 4570
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	10:29: 0	3.150	216.000	120.00	1.000
54	10:32: 0	3.200	217.000	120.00	1.000
55	10:35: 0	3.250	218.000	120.00	1.000

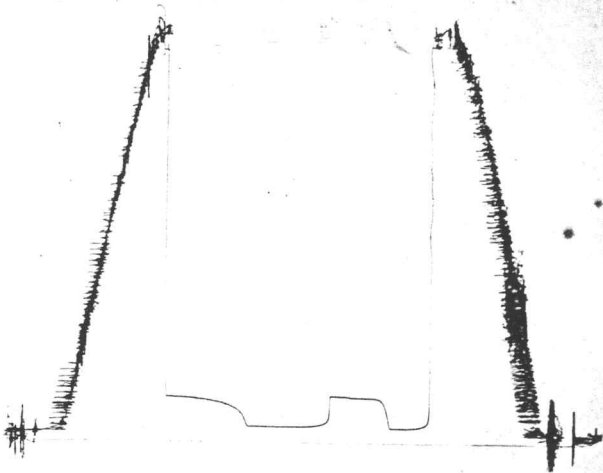
WESTERN TESTING CO. INC.

JK # 11010

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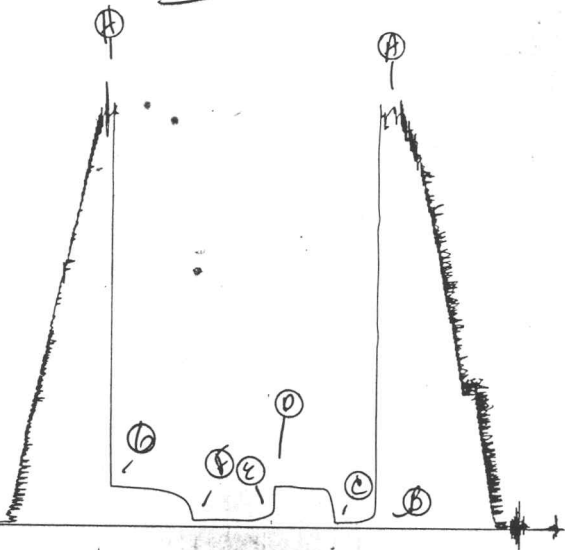
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DST # 1



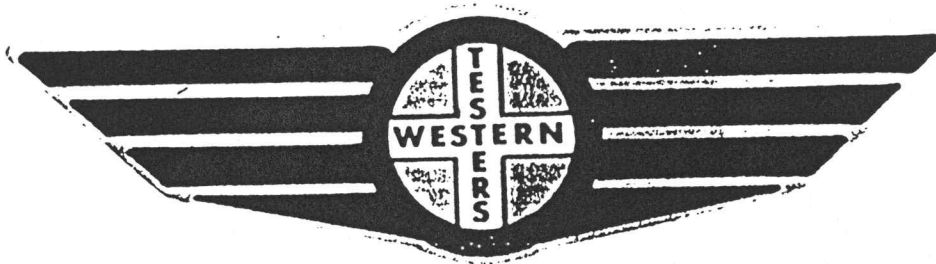
QA # 11010

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FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY

BRITO OIL COMPANY, INC.

LEASE & WELL NO.

NEWKIRK A-2

SEC. 31 TWP. 33S RGE. 11W TEST NO. 2 DATE 6/9/87

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 6-9-87
CUSTOMER : BRITO OIL COMPANY INC.
WELL : #2 TEST: 2
ELEVATION : 1419 GL
SECTION : 31
RANGE : 11W COUNTY : BARBER
GAUGE SN# : 10270 RANGE : 4150
TICKET : 11011
LEASE : NEWKIRK 'A'
GEOLOGIST : R. BRITO
FORMATION : MISSISSIPPI
TOWNSHIP : 33S
STATE : KANSAS
CLOCK : 12

INTERVAL FROM : 4570 TO : 4600 TOTAL DEPTH : 4600
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 4565 SIZE : 6.63
PACKER DEPTH : 4570 SIZE : 6.63
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : ALLEN DRILLING RIG #5
MUD TYPE : CHEMICAL VISCOSITY : 43
WEIGHT : 9.2 WATER LOSS (CC) : 12
CHLORIDES (PPM) : 5000
JARS-MAKE : - SERIAL NUMBER :
DID WELL FLOW ? : GAS 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 : 4550 FT I.D. inch : 3.80
TEST TOOL LENGTH : 20 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 30 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-GAS TO SURFACE IN 16 MINUTES
BLOW COMMENT #2 : FINAL FLOW-GAS TO SURFACE.
BLOW COMMENT #3 : SEE ATTACHED FLOW CHART.
BLOW COMMENT #4 :

RECOVERED : 45 FT OF: 20% OIL-23% GAS-30% WATER-27% MUD
RECOVERED : 120 FT OF: MUDDY GASSY OIL
14% GAS-66% OIL-7% WATER-13% MUD
RECOVERED : 360 FT OF: OIL 20 GRAVITY
RECOVERED : 5 FT OF: WATER

CHLORIDES: 101000 PPM

Total Barrels Fluid = 7.43
Total Fluid Prod Rate = 118.94 BFPD
Indicated Oil Rate = 100.59 BOPD
Indicated Wtr Rate = 4.94 BWPD
Corrected Oil Rate = 62.15 BOPD
Corrected Wtr Rate = 3.05 BWPD

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

SET PACKER(S) : 9:40 AM

TIME STARTED OFF BOTTOM : 12:55 PM

WELL TEMPERATURE : 120

INITIAL HYDROSTATIC PRESSURE

(A) 2282

INITIAL FLOW PERIOD MIN: 30

(B) 112 PSI TO (C) : 134

INITIAL CLOSED IN PERIOD MIN: 45

(D) 936

FINAL FLOW PERIOD MIN: 60

(E) 145 PSI TO (F) : 224

FINAL CLOSED IN PERIOD MIN: 60

(G) 927

FINAL HYDROSTATIC PRESSURE

(H) 2263

WESTERN TESTING CO. INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY : BRITO OIL COMPANY INC.
RIG : BARBER-KANSAS
FIELD : NEWKIRK 'A'
WELL : #2
DATE : 6-9-87
GAUGE NO : 10270

OPERATIONAL COMMENTS

COMPANY : BRITO, QIL COMPANY INC.
 WELL : #2
 GAUGE # : 10270
 DATE : 9/ 6/87

FIELD : NEWKIRK 'A'
 JOB # : 11011
 DEPTH : 4600
 TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	9:40: 0	0.000	112.000	120.00	0.000
2	9:44:59	0.083	112.000	120.00	0.000
3	9:50: 0	0.167	112.000	120.00	0.000
4	9:55: 0	0.250	128.000	120.00	16.000
5	9:59:59	0.333	134.000	120.00	6.000
6	10: 5: 0	0.417	134.000	120.00	0.000
7	10:10: 0	0.500	134.000	120.00	0.000
8	10:13: 0	0.550	524.000	120.00	390.000
9	10:16: 0	0.600	703.000	120.00	179.000
10	10:19: 0	0.650	785.000	120.00	82.000
11	10:22: 0	0.700	831.000	120.00	46.000
12	10:25: 0	0.750	858.000	120.00	27.000
13	10:28: 0	0.800	879.000	120.00	21.000
14	10:31: 0	0.850	891.000	120.00	12.000
15	10:34: 0	0.900	901.000	120.00	10.000
16	10:37: 0	0.950	909.000	120.00	8.000
17	10:40: 0	1.000	916.000	120.00	7.000
18	10:43: 0	1.050	921.000	120.00	5.000
19	10:46: 0	1.100	926.000	120.00	5.000
20	10:49: 0	1.150	931.000	120.00	5.000
21	10:52: 0	1.200	934.000	120.00	3.000
22	10:55: 0	1.250	936.000	120.00	2.000
23	10:56: 0	1.267	145.000	120.00	-791.000
24	10:59:59	1.333	145.000	120.00	0.000
25	11: 5: 0	1.417	153.000	120.00	8.000
26	11:10: 0	1.500	159.000	120.00	6.000
27	11:14:59	1.583	165.000	120.00	6.000
28	11:20: 0	1.667	170.000	120.00	5.000
29	11:25: 0	1.750	178.000	120.00	8.000
30	11:29:59	1.833	184.000	120.00	6.000
31	11:35: 0	1.917	202.000	120.00	18.000
32	11:40: 0	2.000	207.000	120.00	5.000
33	11:44:59	2.083	216.000	120.00	9.000
34	11:50: 0	2.167	223.000	120.00	7.000
35	11:55: 0	2.250	224.000	120.00	1.000
36	11:58: 0	2.300	572.000	120.00	348.000
37	12: 1: 0	2.350	699.000	120.00	127.000
38	12: 4: 0	2.400	746.000	120.00	47.000
39	12: 7: 0	2.450	773.000	120.00	27.000
40	12:10: 0	2.500	796.000	120.00	23.000
41	12:13: 0	2.550	812.000	120.00	16.000
42	12:16: 0	2.600	826.000	120.00	14.000
43	12:19: 0	2.650	837.000	120.00	11.000
44	12:22: 0	2.700	849.000	120.00	12.000
45	12:25: 0	2.750	857.000	120.00	8.000
46	12:28: 0	2.800	866.000	120.00	9.000
47	12:31: 0	2.850	873.000	120.00	7.000
48	12:34: 0	2.900	884.000	120.00	11.000
49	12:37: 0	2.950	894.000	120.00	10.000
50	12:40: 0	3.000	901.000	120.00	7.000
51	12:43: 0	3.050	909.000	120.00	8.000
52	12:46: 0	3.100	915.000	120.00	6.000

COMPANY : BRITO OIL COMPANY INC.
WELL : #2
GAUGE # : 10270
DATE : 9/ 6/87

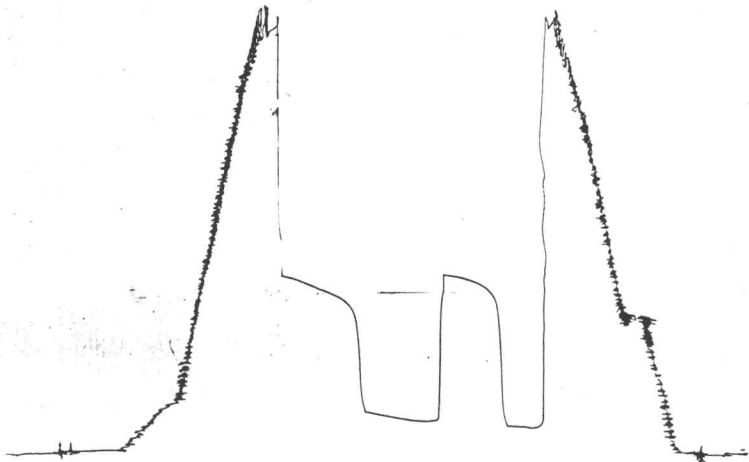
FIELD : NEWKIRK 'A'
JOB # : 11011
DEPTH : 4600
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	12:49: 0	3.150	920.000	120.00	5.000
54	12:52: 0	3.200	923.000	120.00	3.000
55	12:55: 0	3.250	927.000	120.00	4.000

WESTERN TESTING CO. INC.

Kit # 11011

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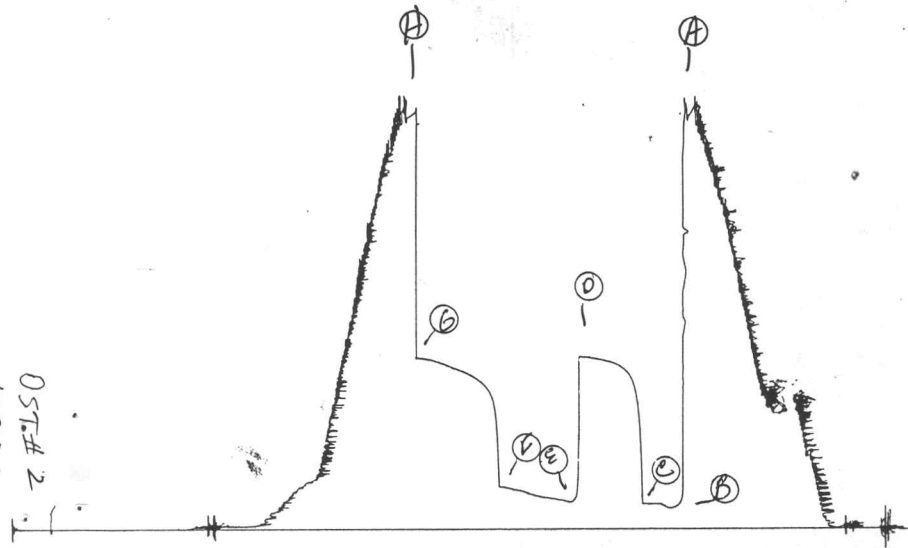


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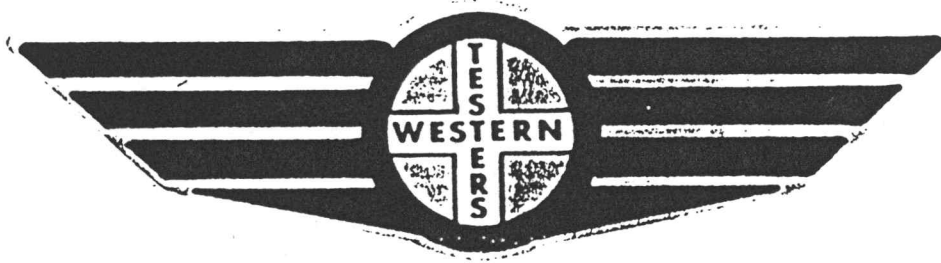
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OST.# 2
10270

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY

BRITO OIL COMPANY, INC.

LEASE & WELL NO.

NEWKIRK A-2

SEC. 31 TWP. 33S RGE. LIMTEST NO. 3 DATE 6/9/87

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 6-9-87
CUSTOMER : BRITO OIL COMPANY INC.
WELL : #2 TEST: 3
ELEVATION : 1419 GL
SECTION : 31
RANGE : 11W COUNTY : BARBER
GAUGE SN# : 10270 RANGE : 4150
TICKET : 11012
LEASE : NEWKIRK 'A'
GEOLOGIST : R. BRITO ??
FORMATION : MISSISSIPPI
TOWNSHIP : 33S
STATE : KANSAS
CLOCK : 12

INTERVAL FROM : 4600 TO : 4620 TOTAL DEPTH : 4620

DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 4595 SIZE : 6.63
PACKER DEPTH : 4600 SIZE : 6.63
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : ALLEN DRILLING RIG #5
MUD TYPE : CHEMICAL VISCOSITY : 43
WEIGHT : 9.2 WATER LOSS (CC) : 12
CHLORIDES (PPM) : 5000
JARS-MAKE : - SERIAL NUMBER : -
DID WELL FLOW ? : GAS REVERSED OUT ? : -

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 : 20 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 XH

BLOW COMMENT #1 : INITIAL FLOW-STRONG BLOW-GAS TO SURFACE IN 5 MINUTES
BLOW COMMENT #2 : FINAL FLOW-GAS TO SURFACE.
BLOW COMMENT #3 : SEE ATTACHED FLOW CHART.
BLOW COMMENT #4 :

RECOVERED : 150 FT OF: GAS CUT MUD
13% GAS-87% MUD
RECOVERED : 480 FT OF: WATER / WITH CCUM OF OIL IN GRINDOUT
RECOVERED : 1380 FT OF: WATER

CHLORIDES: 127000 PPM

Total Barrels Fluid = 28.19
Total Fluid Prod Rate = 451.09 BFPD
Indicated Wtr Rate = 419.67 BWPD

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

SET PACKER(S) : 11:05 PM
WELL TEMPERATURE : 124
INITIAL HYDROSTATIC PRESSURE (A) 2350
INITIAL FLOW PERIOD MIN: 30 (B) 640 PSI TO (C) : 875
INITIAL CLOSED IN PERIOD MIN: 45 (D) 973
FINAL FLOW PERIOD MIN: 60 (E) 942 PSI TO (F) : 982
FINAL CLOSED IN PERIOD MIN: 60 (G) 995
FINAL HYDROSTATIC PRESSURE (H) 2306
TIME STARTED OFF BOTTOM : 2:20 AM

GAS FLOW REPORT

Date : 6-9-87 Ticket # : 11012
 Customer : BRITO OIL COMPANY INC. Lease : NEWKIRK 'A'
 Well : #2 Test : 3 Geologist : R. BRITO?
 Elevation (KB) : 1423 Formation : MISSISSIPPI
 Section : 31 Township : 33S
 Range : 11W County : BARBER State : KANSAS
 Gauge SN # : 10270 Range : 4150 Clock : 12

TIME GAUGE (MIN)	TESTER TYPE	ORFICE SIZE	PRESSURE (PSI)	FLOW DESCRIPTION
PRE FLOW				
5	MERLA	1/4"		GAS TO SURFACE
10			7	25000 CFPD
20			5	20700 CFPD
30			2	12700 CFPD
SECOND FLOW				
10	MERLA	1/4"	6	22900 CFPD
20			10	30800 CFPD
30			5	20700 CFPD
40			2	12700 CFPD
50			2	12700 CFPD
60			3	15700 CFPD

Gas Bottle SN # : 639
 Date Bottle Filled : 6-9-87
 Date to be Invoiced :

WESTERN TESTING CO. INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY : BRITO OIL COMPANY INC.
RIG : BARBER-KANSAS
FIELD : NEWKIRK 'A'
WELL : #2
DATE : 6-9-87
GAUGE NO : 10270

OPERATIONAL COMMENTS

COMPANY : BRITO OIL COMPANY INC.
 WELL : #2
 GAUGE # : 10270
 DATE : 9/ 6/87

FIELD : NEWKIRK 'A'
 JOB # : 11012
 DEPTH : 4620
 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: 5: 0	0.000	640.000	124.00	0.000
2	11: 9:59	0.083	640.000	124.00	0.000
3	11:15: 0	0.167	671.000	124.00	31.000
4	11:20: 0	0.250	741.000	124.00	70.000
5	11:24:59	0.333	799.000	124.00	58.000
6	11:30: 0	0.417	840.000	124.00	41.000
7	11:35: 0	0.500	875.000	124.00	35.000
8	11:38: 0	0.550	912.000	124.00	37.000
9	11:41: 0	0.600	925.000	124.00	13.000
10	11:44: 0	0.650	935.000	124.00	10.000
11	11:47: 0	0.700	941.000	124.00	6.000
12	11:50: 0	0.750	946.000	124.00	5.000
13	11:53: 0	0.800	952.000	124.00	6.000
14	11:56: 0	0.850	955.000	124.00	3.000
15	11:59: 0	0.900	960.000	124.00	5.000
16	12: 2: 0	0.950	962.000	124.00	2.000
17	12: 5: 0	1.000	965.000	124.00	3.000
18	12: 8: 0	1.050	967.000	124.00	2.000
19	12:11: 0	1.100	969.000	124.00	2.000
20	12:14: 0	1.150	971.000	124.00	2.000
21	12:17: 0	1.200	972.000	124.00	1.000
22	12:20: 0	1.250	973.000	124.00	1.000
23	12:21: 0	1.267	942.000	124.00	-31.000
24	12:24:59	1.333	942.000	124.00	0.000
25	12:30: 0	1.417	949.000	124.00	7.000
26	12:35: 0	1.500	958.000	124.00	9.000
27	12:39:59	1.583	966.000	124.00	8.000
28	12:45: 0	1.667	968.000	124.00	2.000
29	12:50: 0	1.750	970.000	124.00	2.000
30	12:54:59	1.833	974.000	124.00	4.000
31	13: 0: 0	1.917	977.000	124.00	3.000
32	13: 5: 0	2.000	979.000	124.00	2.000
33	13: 9:59	2.083	980.000	124.00	1.000
34	13:15: 0	2.167	981.000	124.00	1.000
35	13:20: 0	2.250	982.000	124.00	1.000
36	13:23: 0	2.300	983.000	124.00	1.000
37	13:26: 0	2.350	984.000	124.00	1.000
38	13:29: 0	2.400	985.000	124.00	1.000
39	13:32: 0	2.450	986.000	124.00	1.000
40	13:35: 0	2.500	987.000	124.00	1.000
41	13:38: 0	2.550	988.000	124.00	1.000
42	13:41: 0	2.600	989.000	124.00	1.000
43	13:44: 0	2.650	990.000	124.00	1.000
44	13:47: 0	2.700	991.000	124.00	1.000
45	13:50: 0	2.750	992.000	124.00	1.000
46	13:53: 0	2.800	993.000	124.00	1.000
47	13:56: 0	2.850	993.000	124.00	0.000
48	13:59: 0	2.900	993.000	124.00	0.000
49	14: 2: 0	2.950	993.000	124.00	0.000
50	14: 5: 0	3.000	993.000	124.00	0.000
51	14: 8: 0	3.050	994.000	124.00	1.000
52	14:11: 0	3.100	994.000	124.00	0.000

COMPANY : BRITO OIL COMPANY INC.
WELL : #2
GALUGE # : 10270
DATE : 9/ 6/87

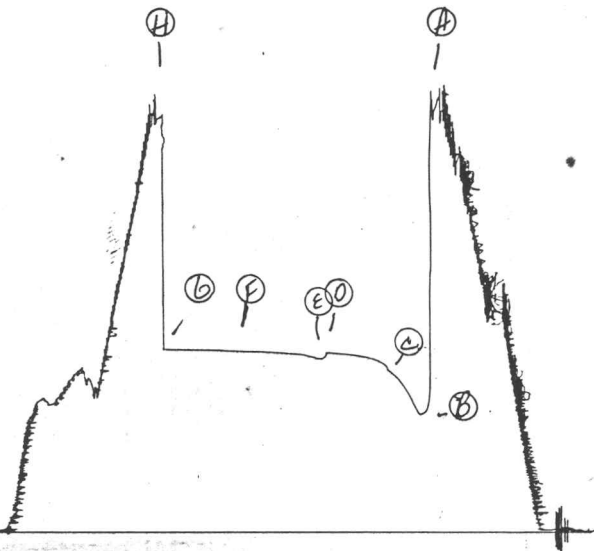
FIELD : NEWKIRK 'A'
JOB # : 11012
DEPTH : 4620
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	14:14: 0	3.150	995.000	124.00	1.000
54	14:17: 0	3.200	995.000	124.00	0.000
55	14:20: 0	3.250	995.000	124.00	0.000

WESTERN TESTING CO. INC.

St # 11012

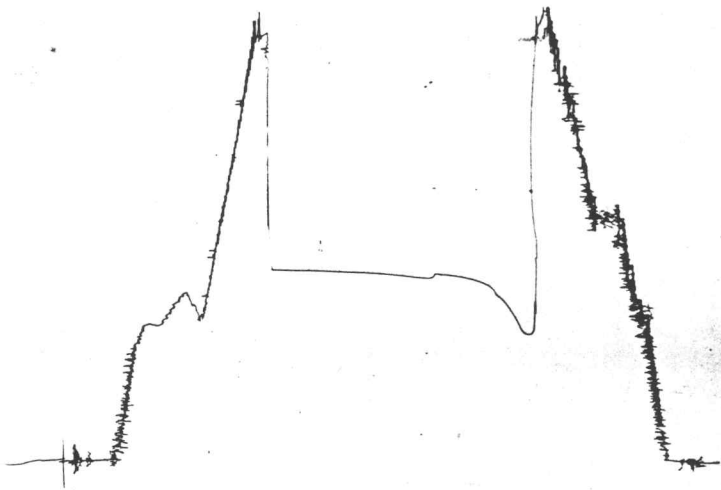
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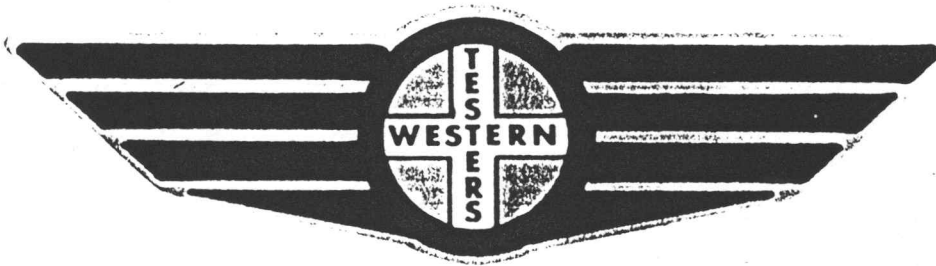
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FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY BRITO OIL COMPANY, INC. LEASE & WELL NO. NEWKIRK A-2 SEC. 31 TWP. 33S RGE. 11W TEST NO. 4 DATE 6-11-87

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 6/11/87 TICKET : 11013
CUSTOMER : BRITO OIL COMPANY INC. LEASE : NEWKIRK
WELL : A-2 TEST: 4 GEOLOGIST : BRITO
ELEVATION : 1419 GL FORMATION : VIOLA
SECTION : 31 TOWNSHIP : 33S
RANGE : 11W COUNTY : BARBER STATE : KANSAS
GAUGE SN# : 10270 RANGE : 4150 CLOCK : 12

INTERVAL FROM : 4840 TO : 4864 TOTAL DEPTH : 4864
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 4835 SIZE : 6.63
PACKER DEPTH : 4857 SIZE : 6.63
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : ALLEN RIG 5
MUD TYPE : CHEMICAL VISCOSITY : 40
WEIGHT : 9.2 WATER LOSS (CC) : 18
CHLORIDES (PPM) : 14000
JARS-MAKE : SERIAL NUMBER :
DID WELL FLOW ? : NO REVERSED OUT ? : NO

DRILL COLLAR LENGTH : 240 FT I.D. inch : 2.20
WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00
DRILL PIPE LENGTH : 4580 FT I.D. inch : 3.80
TEST TOOL LENGTH : 20 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 24 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 BLOW THROUGHOUT.
BLOW COMMENT #2 : 1/2 TO 1/4 INCH BLOW.
BLOW COMMENT #3 : FINAL FLOW PERIOD NO BLOW.
BLOW COMMENT #4 :

RECOVERED : 70 FT. OF: MUD

Total Barrels Fluid = 0.33
Total Fluid Prod Rate = 7.90 BFPD
Indicated Wtr Rate = 0.01 BWPD

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

SET PACKER(S) :	11:40 AM	TIME STARTED OFF BOTTOM :	2;10.PM
WELL TEMPERATURE :	128		
INITIAL HYDROSTATIC PRESSURE		(A)	2401
INITIAL FLOW PERIOD MIN:	30	(B)	65 PSI TO (C) : 34
INITIAL CLOSED IN PERIOD MIN:	45	(D)	1803
FINAL FLOW PERIOD MIN:	30	(E)	63 PSI TO (F) : 56
FINAL CLOSED IN PERIOD MIN:	48	(G)	1682
FINAL HYDROSTATIC PRESSURE		(H)	2394

WESTERN TESTING CO. INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY : BRITO OIL COMPANY INC.
RIG : BARBER-KANSAS
FIELD : NEWKIRK
WELL : A-2
DATE : 6/11/87
GAUGE NO : 10270

OPERATIONAL COMMENTS

COMPANY : BRITO OIL COMPANY INC.
 WELL : A-2
 GAUGE # : 10270
 DATE : 11/ 6/87

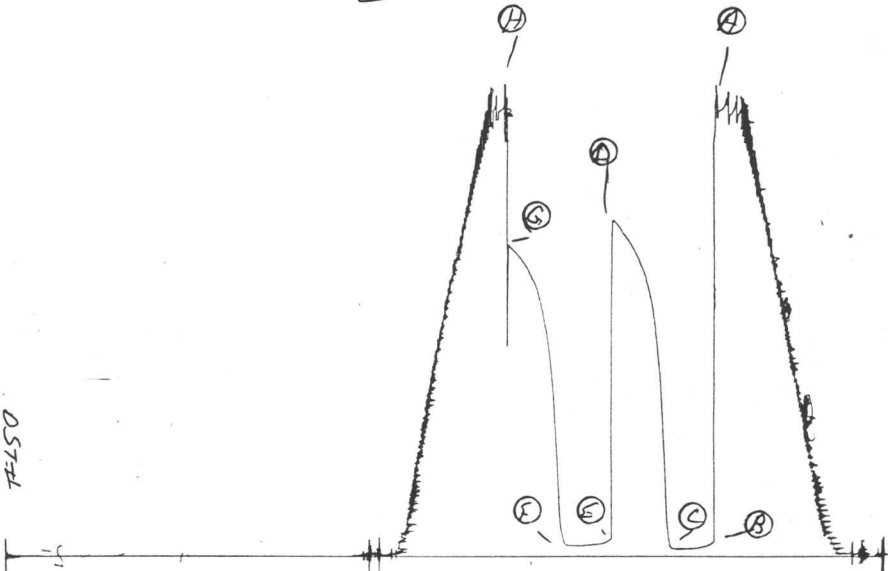
FIELD : NEWKIRK,
 JOB # : 11013
 DEPTH : 4864
 TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	11:40: 0	0.000	65.000	128.00	0.000
2	11:44:59	0.083	51.000	128.00	-14.000
3	11:50: 0	0.167	42.000	128.00	-9.000
4	11:55: 0	0.250	35.000	128.00	-7.000
5	11:59:59	0.333	34.000	128.00	-1.000
6	12: 5: 0	0.417	34.000	128.00	0.000
7	12:10: 0	0.500	34.000	128.00	0.000
8	12:13: 0	0.550	146.000	128.00	112.000
9	12:16: 0	0.600	517.000	128.00	371.000
10	12:19: 0	0.650	839.000	128.00	322.000
11	12:22: 0	0.700	1053.000	128.00	214.000
12	12:25: 0	0.750	1237.000	128.00	184.000
13	12:28: 0	0.800	1369.000	128.00	132.000
14	12:31: 0	0.850	1454.000	128.00	85.000
15	12:34: 0	0.900	1536.000	128.00	82.000
16	12:37: 0	0.950	1589.000	128.00	53.000
17	12:40: 0	1.000	1636.000	128.00	47.000
18	12:43: 0	1.050	1671.000	128.00	35.000
19	12:46: 0	1.100	1707.000	128.00	36.000
20	12:49: 0	1.150	1733.000	128.00	26.000
21	12:52: 0	1.200	1773.000	128.00	40.000
22	12:55: 0	1.250	1803.000	128.00	30.000
23	12:56: 0	1.267	63.000	128.00	-1740.000
24	12:59:59	1.333	63.000	128.00	0.000
25	13: 5: 0	1.417	63.000	128.00	0.000
26	13:10: 0	1.500	58.000	128.00	-5.000
27	13:14:59	1.583	56.000	128.00	-2.000
28	13:20: 0	1.667	56.000	128.00	0.000
29	13:25: 0	1.750	56.000	128.00	0.000
30	13:28: 0	1.800	60.000	128.00	4.000
31	13:31: 0	1.850	124.000	128.00	64.000
32	13:34: 0	1.900	391.000	128.00	267.000
33	13:37: 0	1.950	702.000	128.00	311.000
34	13:40: 0	2.000	929.000	128.00	227.000
35	13:43: 0	2.050	1122.000	128.00	193.000
36	13:46: 0	2.100	1251.000	128.00	129.000
37	13:49: 0	2.150	1357.000	128.00	106.000
38	13:52: 0	2.200	1441.000	128.00	84.000
39	13:55: 0	2.250	1490.000	128.00	49.000
40	13:58: 0	2.300	1538.000	128.00	48.000
41	14: 1: 0	2.350	1577.000	128.00	39.000
42	14: 4: 0	2.400	1609.000	128.00	32.000
43	14: 7: 0	2.450	1639.000	128.00	30.000
44	14:10: 0	2.500	1661.000	128.00	22.000
45	14:13: 0	2.550	1682.000	128.00	21.000

WESTERN TESTING CO. INC.

RF 11012.

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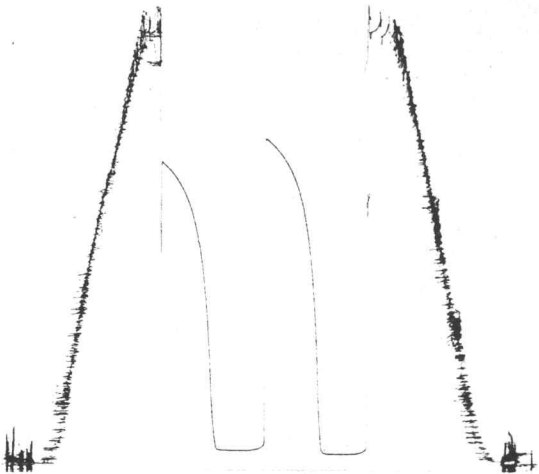
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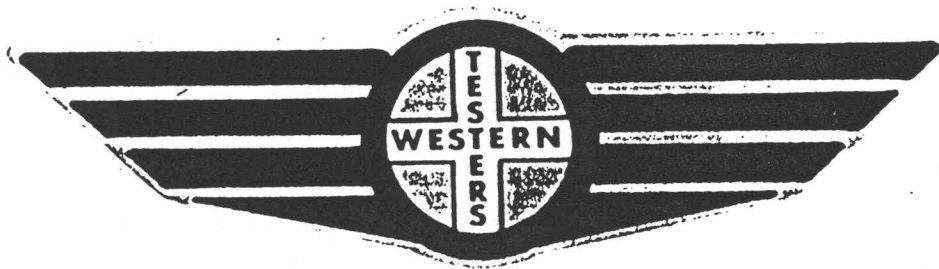
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OST#

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY

BRITO OIL COMPANY, INC.

LEASE & WELL NO.

NEWKIRK A-2

SEC.

31 TWP. 33S RGE.

11WTEST NO. 5

DATE

6/12/87

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 6-12-87 TICKET : 11014
CUSTOMER : BRITO OIL COMPANY INC. LEASE : NEWKIRK 'A'
WELL : #2 TEST: 5 GEOLOGIST : R. BRITO
ELEVATION : 1419 GL FORMATION : MISSISSIPPI
SECTION : 31 TOWNSHIP : 33S
RANGE : 11W COUNTY : BARBER STATE : KANSAS
GAUGE SN# : 10270 RANGE : 4150 CLOCK : 12

INTERVAL FROM : 4580 TO : 4603 TOTAL DEPTH : 4906
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 4575 SIZE : 6.63
PACKER DEPTH : 4580 SIZE : 6.63
PACKER DEPTH : 4603 SIZE : 6.63
PACKER DEPTH : SIZE :

DRILLING CON. : ALLEN DRLG. RIG #5
MUD TYPE : CHEMICAL VISCOSITY : 48
WEIGHT : 9.1 WATER LOSS (CC) : 18
CHLORIDES (PPM) : 14000
JARS-MAKE : - SERIAL NUMBER :
DID WELL FLOW ? : NO REVERSED OUT ? : NO

DRILL COLLAR LENGTH : 240 FT I.D. inch : 2.20
WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00
DRILL PIPE LENGTH : 4315 FT I.D. inch : 3.80
TEST TOOL LENGTH : 25 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 23 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 A STRONG BLOW IN
7 MINUTES.
BLOW COMMENT #2 : FINAL FLOW-NO BLOW FOR 13 MINUTES-THEN GOT A WEAK BLOW
REMAINED THROUGHOUT.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 365 FT OF: MUD

Total Barrels Fluid = 2.88
Total Fluid Prod Rate = 46.11 BFPD
Indicated Wtr Rate = 4.61 BWPD

REMARK 1 : MISRUN-TOP PACKER LEAKED
AT START OF TEST.

REMARK 2 : PICKED UP TOOL TOO HIGH ON BOTH SHUT-INS.

REMARK 3 :

REMARK 4 :

SET PACKER(S) : 8:55 AM

TIME STARTED OFF BOTTOM : 12:10 PM

WELL TEMPERATURE : 120

INITIAL HYDROSTATIC PRESSURE

(A) 2275

INITIAL FLOW PERIOD MIN: 30

(B) 94 PSI TO (C) : 183

INITIAL CLOSED IN PERIOD MIN: 45

(D) 989

FINAL FLOW PERIOD MIN: 60

(E) 202 PSI TO (F) : 195

FINAL CLOSED IN PERIOD MIN: 60

(G) 612

FINAL HYDROSTATIC PRESSURE

(H) 2253

WESTERN TESTING CO. INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY : BRITO OIL COMPANY INC.
RIG : BARBER-KANSAS
FIELD : NEWKIRK 'A'
WELL : #2
DATE : 6-12-87
GAUGE NO : 10270

OPERATIONAL COMMENTS

MISRUN-TOP PACKER LEAKED
AT START OF TEST.
PICKED UP TOOL TOO HIGH ON BOTH SHUT-INS.

COMPANY : BRITO OIL COMPANY INC.
 WELL : #2
 GAUGE # : 10270
 DATE : 12/6/87

FIELD : NEWKIRK 'A'
 JOB # : 11014
 DEPTH : 4906
 TEST : MISRUN-TOP PACKER LEAKED
 AT START OF TEST.

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P P1-P(1-1)
1	8:55:0	0.000	94.000	120.00	0.000
2	8:59:59	0.083	154.000	120.00	60.000
3	9:05:0	0.167	177.000	120.00	23.000
4	9:10:0	0.250	177.000	120.00	0.000
5	9:14:59	0.333	177.000	120.00	0.000
6	9:20:0	0.417	181.000	120.00	4.000
7	9:25:0	0.500	183.000	120.00	2.000
8	9:28:0	0.550	1564.000	120.00	1381.000
9	9:31:0	0.600	1278.000	120.00	-286.000
10	9:34:0	0.650	1188.000	120.00	-90.000
11	9:37:0	0.700	1136.000	120.00	-52.000
12	9:40:0	0.750	1099.000	120.00	-37.000
13	9:43:0	0.800	1073.000	120.00	-26.000
14	9:46:0	0.850	1105.000	120.00	32.000
15	9:49:0	0.900	1089.000	120.00	-16.000
16	9:52:0	0.950	1064.000	120.00	-25.000
17	9:55:0	1.000	1043.000	120.00	-21.000
18	9:58:0	1.050	1026.000	120.00	-17.000
19	10:01:0	1.100	1014.000	120.00	-12.000
20	10:04:0	1.150	1002.000	120.00	-12.000
21	10:07:0	1.200	993.000	120.00	-9.000
22	10:10:0	1.250	989.000	120.00	-4.000
23	10:11:0	1.267	202.000	120.00	-787.000
24	10:14:59	1.333	191.000	120.00	-11.000
25	10:20:0	1.417	191.000	120.00	0.000
26	10:25:0	1.500	191.000	120.00	0.000
27	10:29:59	1.583	183.000	120.00	-8.000
28	10:35:0	1.667	181.000	120.00	-2.000
29	10:40:0	1.750	195.000	120.00	14.000
30	10:44:59	1.833	195.000	120.00	0.000
31	10:50:0	1.917	195.000	120.00	0.000
32	10:55:0	2.000	195.000	120.00	0.000
33	10:59:59	2.083	195.000	120.00	0.000
34	11:05:0	2.167	195.000	120.00	0.000
35	11:10:0	2.250	195.000	120.00	0.000
36	11:13:0	2.300	1091.000	120.00	896.000
37	11:16:0	2.350	861.000	120.00	-230.000
38	11:19:0	2.400	780.000	120.00	-81.000
39	11:22:0	2.450	732.000	120.00	-48.000
40	11:25:0	2.500	676.000	120.00	-56.000
41	11:28:0	2.550	655.000	120.00	-21.000
42	11:31:0	2.600	639.000	120.00	-16.000
43	11:34:0	2.650	622.000	120.00	-17.000
44	11:37:0	2.700	609.000	120.00	-13.000
45	11:40:0	2.750	597.000	120.00	-12.000
46	11:43:0	2.800	585.000	120.00	-12.000
47	11:46:0	2.850	572.000	120.00	-13.000
48	11:49:0	2.900	566.000	120.00	-6.000
49	11:52:0	2.950	551.000	120.00	-15.000
50	11:55:0	3.000	0.000	120.00	-551.000
51	11:58:0	3.050	676.000	120.00	676.000
52	12:01:0	3.100	653.000	120.00	-23.000

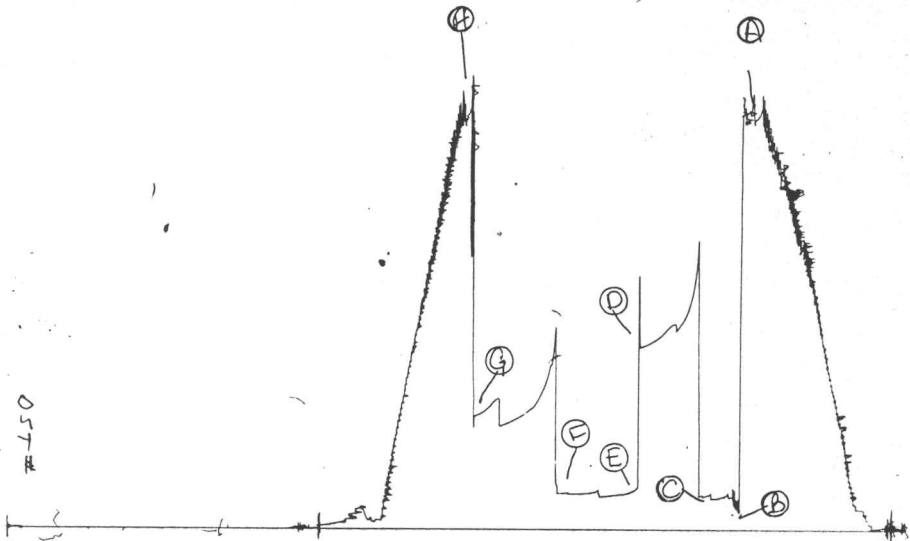
COMPANY : BRITO OIL COMPANY INC.
WELL : #2
GAUGE # : 10270
DATE : 12/6/87

FIELD : NEWKIRK 'A'
JOB # : 11014
DEPTH : 4906
TEST : MISRUN-TOP PACKER LEAKED
AT START OF TEST.

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P P _i -P _(i-1)
53	12: 4: 0	3.150	635.000	120.00	-18.000
54	12: 7: 0	3.200	622.000	120.00	-13.000
55	12:10: 0	3.250	612.000	120.00	-10.000

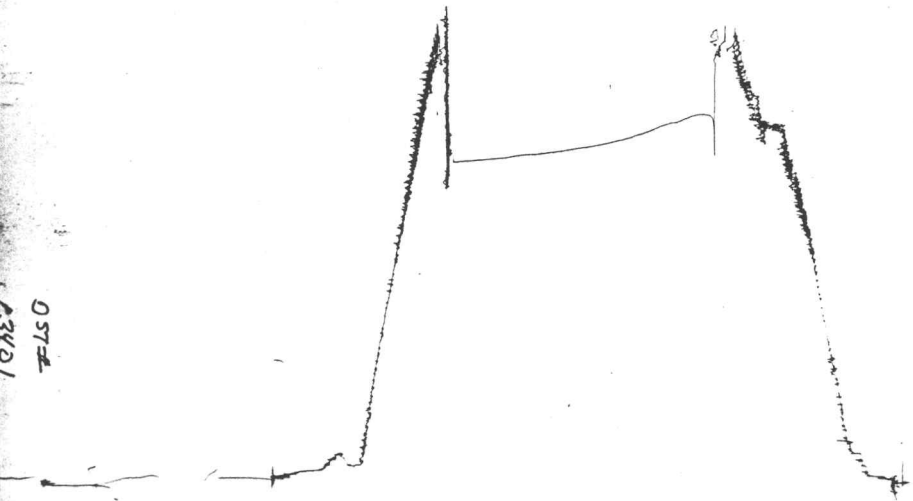
WESTERN TESTING CO. INC.

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