

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY BRANDT PRODUCTION COMPANY, INC. LEASE & WELL NO. WEIDENSAUL #1 SEC. 9 TWP. 28S RGE. 4E TEST NO. 1 DATE 7/30/87

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 7-30-87 TICKET : 12104
CUSTOMER : BRANDT PRODUCTION CO. INC. LEASE : WEIDENSAUL
WELL : #1 TEST: 1 GEOLOGIST : E. BRANDT
ELEVATION : NA FORMATION : NA
SECTION : 9 TOWNSHIP : 28S
RANGE : 4E COUNTY : BUTLER STATE : KANSAS
GAUGE SN# : 10270 RANGE : 4150 CLOCK : 12

INTERVAL FROM : 1463 TO : 1504 TOTAL DEPTH : 1504
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 1463 SIZE : 6.63
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : BRANDT RIG #3
MUD TYPE : CHEMCIAL VISCOSITY : 34
WEIGHT : 8.8 WATER LOSS (CC) : NC
CHLORIDES (PPM) : 1500
JARS-MAKE : - SERIAL NUMBER :
DID WELL FLOW ? : NO REVERSED OUT ? : NO

DRILL COLLAR LENGTH : 420 FT I.D. inch : 2.20
WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00
DRILL PIPE LENGTH : 1027 FT I.D. inch : 3.80
TEST TOOL LENGTH : 16 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 41 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 FAIR 1" TO 5".
BLOW COMMENT #2 : FINAL FLOW-WEAK BLOW THROUGHOUT 1" TO 2" BLOW.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 80 FT OF: MUD

Total Barrels Fluid = 0.38
Total Fluid Prod Rate = 8.33 BFPD
Indicated Wtr Rate = 0.83 BWPD

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

SET PACKER(S) : 5:20 AM

TIME STARTED OFF BOTTOM : 7:55 AM

WELL TEMPERATURE : 97

INITIAL HYDROSTATIC PRESSURE

(A) 678

INITIAL FLOW PERIOD MIN: 20

(B) 49 PSI TO (C) : 49

INITIAL CLOSED IN PERIOD MIN: 30

(D) 170

FINAL FLOW PERIOD MIN: 45

(E) 60 PSI TO (F) : 60

FINAL CLOSED IN PERIOD MIN: 66

(G) 179

FINAL HYDROSTATIC PRESSURE

(H) 678

WESTERN TESTING CO. INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY : BRANDT PRODUCTION CO. INC.
RIG : BUTLER-KANSAS
FIELD : WEIDENSAUL
WELL : #1
DATE : 7-30-87
GAUGE NO : 10270

OPERATIONAL COMMENTS

COMPANY : BRANDT PRODUCTION CO. INC.
 WELL : #1
 GAUGE # : 10270
 DATE : 30/ 7/87

FIELD : WEIDENSAUL
 JOB # : 12104
 DEPTH : 1504
 TEST :

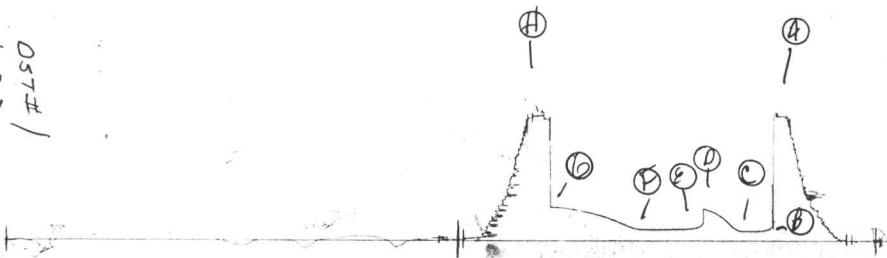
DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	5:20:0	0.000	49.000	97.00	0.000
2	5:24:59	0.083	49.000	97.00	0.000
3	5:30:0	0.167	49.000	97.00	0.000
4	5:35:0	0.250	49.000	97.00	0.000
5	5:39:59	0.333	49.000	97.00	0.000
6	5:42:59	0.383	54.000	97.00	5.000
7	5:45:59	0.433	67.000	97.00	13.000
8	5:48:59	0.483	85.000	97.00	18.000
9	5:51:59	0.533	106.000	97.00	21.000
10	5:54:59	0.583	109.000	97.00	3.000
11	5:57:59	0.633	138.000	97.00	29.000
12	6:0:59	0.683	149.000	97.00	11.000
13	6:3:59	0.733	158.000	97.00	9.000
14	6:6:59	0.783	167.000	97.00	9.000
15	6:9:59	0.833	170.000	97.00	3.000
16	6:11:0	0.850	60.000	97.00	-110.000
17	6:14:59	0.917	60.000	97.00	0.000
18	6:20:0	1.000	60.000	97.00	0.000
19	6:24:59	1.083	60.000	97.00	0.000
20	6:29:59	1.167	60.000	97.00	0.000
21	6:35:0	1.250	60.000	97.00	0.000
22	6:39:59	1.333	60.000	97.00	0.000
23	6:44:59	1.417	60.000	97.00	0.000
24	6:50:0	1.500	60.000	97.00	0.000
25	6:54:59	1.583	60.000	97.00	0.000
26	6:57:59	1.633	62.000	97.00	2.000
27	7:0:59	1.683	67.000	97.00	5.000
28	7:3:59	1.733	75.000	97.00	8.000
29	7:6:59	1.783	83.000	97.00	8.000
30	7:9:59	1.833	91.000	97.00	8.000
31	7:12:59	1.883	100.000	97.00	9.000
32	7:15:59	1.933	107.000	97.00	7.000
33	7:18:59	1.983	118.000	97.00	11.000
34	7:21:59	2.033	125.000	97.00	7.000
35	7:24:59	2.083	132.000	97.00	7.000
36	7:27:59	2.133	139.000	97.00	7.000
37	7:30:59	2.183	144.000	97.00	5.000
38	7:33:59	2.233	150.000	97.00	6.000
39	7:36:59	2.283	153.000	97.00	3.000
40	7:39:59	2.333	159.000	97.00	6.000
41	7:42:59	2.383	165.000	97.00	6.000
42	7:45:59	2.433	169.000	97.00	4.000
43	7:48:59	2.483	173.000	97.00	4.000
44	7:51:59	2.533	175.000	97.00	2.000
45	7:54:59	2.583	177.000	97.00	2.000
46	7:57:59	2.633	178.000	97.00	1.000
47	8:0:59	2.683	179.000	97.00	1.000

WESTERN TESTING CO. INC.

24 # 12104

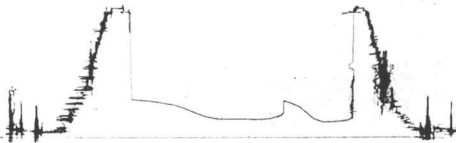
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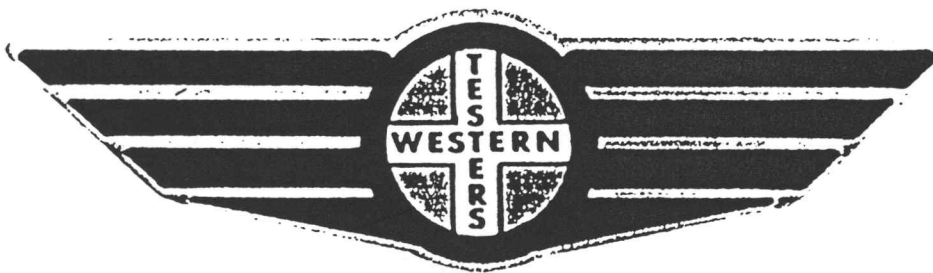


Kit #12104
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OST# /
13268



FORMATION TEST REPORT



Home Office:

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Phone (316) 262-5861

COMPANY

BRANDT PRODUCTION COMPANY, INC.
LEASE & WELL NO.

WEIDENSAUL #1

SEC. 9

TWP. 28S

RGE. 4E

TEST NO.

2 DATE

8/2/87

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 8-2-87 TICKET : 13027
CUSTOMER : BRANDT PRODUCTION COMPANY INC. LEASE : WEIDENSAUL
WELL : #1 TEST: 2 GEOLOGIST : E. BRANDT
ELEVATION : 1235 KB FORMATION : -
SECTION : 9 TOWNSHIP : 28S
RANGE : 4E COUNTY : BUTLER STATE : KANSAS
GAUGE SN# : 2509 RANGE : 2533 CLOCK : 2533

INTERVAL FROM : 2509 TO : 2533 TOTAL DEPTH : 2533
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 2509 SIZE : 6.63
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : BRANDT RIG #3
MUD TYPE : CHEMICAL VISCOSITY : 33
WEIGHT : 9.0 WATER LOSS (CC) : 17.6
CHLORIDES (PPM) : 2000
JARS-MAKE : - SERIAL NUMBER : -
DID WELL FLOW ? : - REVERSED OUT ? : -

DRILL COLLAR LENGTH : 415 FT I.D. inch : 2.25
WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00
DRILL PIPE LENGTH : 2078 FT I.D. inch : 3.80
TEST TOOL LENGTH : 16 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 : 4.5 XH

BLOW COMMENT #1 : INITIAL FLOW-WEAK BLOW-DIED IN 10 MINUTES.
BLOW COMMENT #2 : FINAL FLOW-NO BLOW.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 60 FT OF: MUD

Total Barrels Fluid = 0.30
Total Fluid Prod Rate = 7.08 BFPD
Indicated Wtr Rate = 0.71 BWPD

REMARK 1 :
REMARK 2 : TOOL SLID 6 FEET TO BOTTOM.
REMARK 3 :
REMARK 4 :

SET PACKER(S) :	12:45 AM	TIME STARTED OFF BOTTOM :	2:45 AM
WELL TEMPERATURE :	115		
INITIAL HYDROSTATIC PRESSURE		(A)	1212
INITIAL FLOW PERIOD MIN:	30	(B)	94 PSI TO (C) : 83
INITIAL CLOSED IN PERIOD MIN:	36	(D)	165
FINAL FLOW PERIOD MIN:	30	(E)	94 PSI TO (F) : 85
FINAL CLOSED IN PERIOD MIN:	30	(G)	103
FINAL HYDROSTATIC PRESSURE		(H)	1183

WESTERN TESTING CO. INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY : BRANDT PRODUCTION COMPANY INC.
RIG : BUTLER-KANSAS
FIELD : WEIDENSAUL
WELL : #1
DATE : 8-2-87
GAUGE NO : 2509

OPERATIONAL COMMENTS

TOOL SLID 6 FEET TO BOTTOM.

COMPANY : BRANDT PRODUCTION COMPANY INC.

FIELD : WEIDENSAUL

WELL : #1

JOB # : 13027

GAUGE # : 2509

DEPTH : 2533

DATE : 2/ 8/87

TEST :

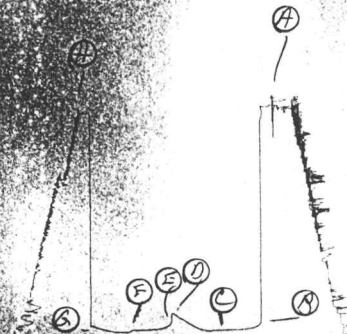
DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	12:45: 0	0.000	94.000	115.00	0.000
2	12:49:59	0.083	94.000	115.00	0.000
3	12:55: 0	0.167	88.000	115.00	-6.000
4	13: 0: 0	0.250	84.000	115.00	-4.000
5	13: 4:59	0.333	83.000	115.00	-1.000
6	13:10: 0	0.417	83.000	115.00	0.000
7	13:15: 0	0.500	83.000	115.00	0.000
8	13:18: 0	0.550	83.000	115.00	0.000
9	13:21: 0	0.600	83.000	115.00	0.000
10	13:24: 0	0.650	83.000	115.00	0.000
11	13:27: 0	0.700	83.000	115.00	0.000
12	13:30: 0	0.750	83.000	115.00	0.000
13	13:33: 0	0.800	91.000	115.00	8.000
14	13:36: 0	0.850	100.000	115.00	9.000
15	13:39: 0	0.900	111.000	115.00	11.000
16	13:42: 0	0.950	124.000	115.00	13.000
17	13:45: 0	1.000	135.000	115.00	11.000
18	13:48: 0	1.050	149.000	115.00	14.000
19	13:51: 0	1.100	165.000	115.00	16.000
20	13:52: 0	1.117	94.000	115.00	-71.000
21	13:55:59	1.183	94.000	115.00	0.000
22	14: 1: 0	1.267	86.000	115.00	-8.000
23	14: 6: 0	1.350	85.000	115.00	-1.000
24	14:10:59	1.433	85.000	115.00	0.000
25	14:16: 0	1.517	85.000	115.00	0.000
26	14:21: 0	1.600	85.000	115.00	0.000
27	14:24: 0	1.650	73.000	115.00	-12.000
28	14:27: 0	1.700	73.000	115.00	0.000
29	14:30: 0	1.750	73.000	115.00	0.000
30	14:33: 0	1.800	76.000	115.00	3.000
31	14:36: 0	1.850	80.000	115.00	4.000
32	14:39: 0	1.900	85.000	115.00	5.000
33	14:42: 0	1.950	90.000	115.00	5.000
34	14:45: 0	2.000	95.000	115.00	5.000
35	14:48: 0	2.050	101.000	115.00	6.000
36	14:51: 0	2.100	103.000	115.00	2.000

WESTERN TESTING CO. INC.

TKT B227

I

13762
DST+2



TK 13027

0

3659
DST#2

