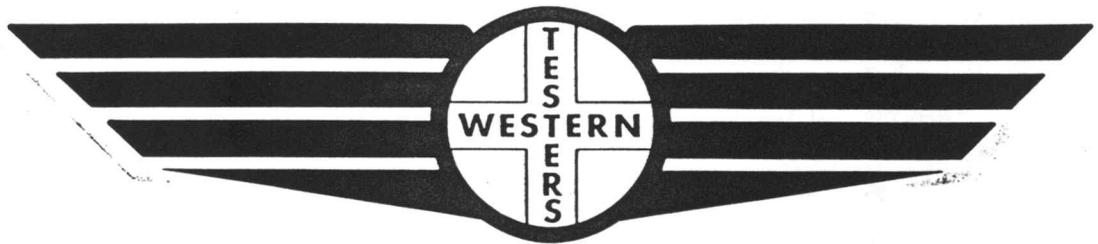


FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY DUNNE OIL COMPANY LEASE & WELL NO. #1-5 HANCHETT SEC. 5 TWP. 32S RGE. 10W TEST NO. 2 DATE 5/27/86

SUBSURFACE PRESSURE SURVEY

DATE	: 5-27-86	TICKET	: 9107
CUSTOMER	: DUNNE OIL COMPANY	LEASE	: HANCHETT
WELL	: #1-5 TEST: 2	GEOLOGIST	: DUNNE
ELEVATION	: --	FORMATION	: TORONTO
SECTION	: 5	TOWNSHIP	: 32S
RANGE	: 10W COUNTY : BARBER	STATE	: KANSAS
GAUGE SN#	: 3086 RANGE : 4500	CLOCK	: 12

INTERVAL FROM	: 3622	TO	: 3638	TOTAL DEPTH	: 3638
DEPTH OF SELECTIVE ZONE	:				
PACKER DEPTH	: 3617	SIZE	: 6.63		
PACKER DEPTH	: 3622	SIZE	: 6.63		
PACKER DEPTH	:	SIZE	:		
PACKER DEPTH	:	SIZE	:		

DRILLING CON.	: DUKE DRLG. RIG #2		
MUD TYPE	: CHEMICAL	VISCOSITY	: 48
WEIGHT	: 9.0	WATER LOSS (CC)	: 10.4
CHLORIDES (PPM)	: 7200		
JARS-MAKE	: --	SERIAL NUMBER	:
DID WELL FLOW ?	: YES	REVERSED OUT ?	: NO

DRILL COLLAR LENGTH	: 0	FT	I.D. inch	: 0.00
WEIGHT PIPE LENGTH	: 475	FT	I.D. inch	: 2.70
DRILL PIPE LENGTH	: 3126	FT	I.D. inch	: 3.80
TEST TOOL LENGTH	: 21	FT	TOOL SIZE	: 5.50
ANCHOR LENGTH	: 16	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
 BLOW COMMENT #2 : FLOW PERIODS. GAS TO SURFACE
 BLOW COMMENT #3 : IN 10 MINUTES ON FINAL FLOW.
 BLOW COMMENT #4 : SEE ATTACHED SHEET.

RECOVERED	: 150	FT OF:	CLEAN GASSY OIL	1.06 Barrels
RECOVERED	: 0	FT OF:	(GRAVITY 30)	0.00 Barrels
RECOVERED	: 60	FT OF:	MUDDY OIL CUT MUD	0.42 Barrels
RECOVERED	: 0	FT OF:	(70% OIL)	0.00 Barrels
RECOVERED	: 0	FT OF:		0.00 Barrels
RECOVERED	: 0	FT OF:		0.00 Barrels
RECOVERED	: 0	FT OF:		0.00 Barrels
RECOVERED	: 0	FT OF:		0.00 Barrels
RECOVERED	: 0	FT OF:		0.00 Barrels
Total Barrels =	1.5	Total Production =	23.8 Bpd	

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

SET PACKER(S)	: 8:00 PM	TIME STARTED OFF BOTTOM	: 12:00 AM
WELL TEMPERATURE	: 108		
INITIAL HYDROSTATIC PRESSURE		(A)	1756
INITIAL FLOW PERIOD	MIN: 45	(B)	42 PSI TO (C) : 42
INITIAL CLOSED IN PERIOD	MIN: 63	(D)	1278
FINAL FLOW PERIOD	MIN: 45	(E)	88 PSI TO (F) : 88
FINAL CLOSED IN PERIOD	MIN: 90	(G)	1284
FINAL HYDROSTATIC PRESSURE		(H)	1727

GAS FLOW REPORT

Date : 5-27-86 Ticket # : 9107
 Customer : DUNNE OIL COMPANY Lease : HANCHETT
 Well : #1-5 Test : 2 Geologist : DUNNE
 Elevation (KB) : -- Formation : TORONTO
 Section : 5 Township : 32S
 Range : 10W County : BARBER State : KANSAS
 Gauge SN # : 3086 Range : 4500 Clock : 12

TIME GAUGE (MIN)	TESTER TYPE	ORFICE SIZE	PRESSURE (PSI)	FLOW DESCRIPTION
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PRE FLOW

SECOND FLOW

TIME GAUGE (MIN)	TESTER TYPE	ORFICE SIZE	PRESSURE (PSI)	FLOW DESCRIPTION
10				GAS TO SURFACE
15	MERLA	1/4 "	20 " WTR	7510 CFPD
25	MERLA	1/4 "	20 " WTR	7510 CFPD
35	MERLA	1/4 "	17 " WTR	6930 CFPD
45	MERLA	1/4 "	15 " WTR	6550 CFPD

Gas Bottle SN # : 15
 Date Bottle Filled : 5-27-86
 Date to be Invoiced :

Pressure Transient Report

DATA FILE.....
COMPANY.....DUNNE OIL COMPANY
DATE OF TEST.....5-27-86
FIELD NAME.....HANCHETT
WELL NAME.....#1-5
LOCATION.....BARBER-KANSAS
JOB NUMBER.....9107
GAUGE NUMBER.....3086
GAUGE DEPTH.....3638

COMMENTS

START UP TIME (mo/da/yr) (hr:min:sec)
 5./27/86. 8.: 0.: 0.

REC#	REAL TIME HR:MIN:SEC	ELAPSE TIME MINS	HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P (Po-Pi)	DP/DT Psi/hr
1	8: 0: 0	0	0.000	42.00	108.0	0.00	0.00
2	8: 5: 0	5	0.083	42.00	108.0	0.00	0.00
3	8:10: 0	10	0.167	42.00	108.0	0.00	0.00
4	8:15: 0	15	0.250	42.00	108.0	0.00	0.00
5	8:20: 0	20	0.333	42.00	108.0	0.00	0.00
6	8:25: 0	25	0.417	42.00	108.0	0.00	0.00
7	8:30: 0	30	0.500	42.00	108.0	0.00	0.00
8	8:35: 0	35	0.583	42.00	108.0	0.00	0.00
9	8:40: 0	40	0.667	42.00	108.0	0.00	0.00
10	8:45: 0	45	0.750	42.00	108.0	0.00	0.00
11	8:48: 0	48	0.800	184.00	108.0	142.00	2837.23
12	8:51: 0	51	0.850	405.00	108.0	363.00	4415.69
13	8:54: 0	54	0.900	680.00	108.0	638.00	5521.57
14	8:57: 0	57	0.950	883.00	108.0	841.00	4056.04
15	9: 0: 0	60	1.000	1006.00	108.0	964.00	2457.60
16	9: 3: 0	63	1.050	1071.00	108.0	1029.00	1298.73
17	9: 6: 0	66	1.100	1125.00	108.0	1083.00	1078.95
18	9: 9: 0	69	1.150	1164.00	108.0	1122.00	783.06
19	9:12: 0	72	1.200	1190.00	108.0	1148.00	519.49
20	9:15: 0	75	1.250	1210.00	108.0	1168.00	399.61
21	9:18: 0	78	1.300	1221.00	108.0	1179.00	219.79
22	9:21: 0	81	1.350	1234.00	108.0	1192.00	259.75
23	9:24: 0	84	1.400	1246.00	108.0	1204.00	240.94
24	9:27: 0	87	1.450	1253.00	108.0	1211.00	139.86
25	9:30: 0	90	1.500	1259.00	108.0	1217.00	119.88
26	9:33: 0	93	1.550	1264.00	108.0	1222.00	99.90
27	9:36: 0	96	1.600	1268.00	108.0	1226.00	79.92
28	9:39: 0	99	1.650	1272.00	108.0	1230.00	80.31
29	9:42: 0	102	1.700	1275.00	108.0	1233.00	59.94
30	9:45: 0	105	1.750	1277.00	108.0	1235.00	39.96
31	9:48: 0	108	1.800	1278.00	108.0	1236.00	19.98
32	9:49: 0	109	1.817	88.00	108.0	46.00	-71680.00
33	9:53: 0	113	1.883	88.00	108.0	46.00	0.00
34	9:58: 0	118	1.967	88.00	108.0	46.00	0.00
35	10: 3: 0	123	2.050	88.00	108.0	46.00	0.00
36	10: 8: 0	128	2.133	88.00	108.0	46.00	0.00
37	10:13: 0	133	2.217	88.00	108.0	46.00	0.00
38	10:18: 0	138	2.300	88.00	108.0	46.00	0.00
39	10:23: 0	143	2.383	88.00	108.0	46.00	0.00
40	10:28: 0	148	2.467	88.00	108.0	46.00	0.00
41	10:33: 0	153	2.550	88.00	108.0	46.00	0.00
42	10:36: 0	156	2.600	210.00	108.0	168.00	2437.62
43	10:39: 0	159	2.650	443.00	108.0	401.00	4678.27
44	10:42: 0	162	2.700	707.00	108.0	665.00	5274.85
45	10:45: 0	165	2.750	878.00	108.0	836.00	3416.66
46	10:48: 0	168	2.800	988.00	108.0	946.00	2197.85
47	10:51: 0	171	2.850	1051.00	108.0	1009.00	1258.77
48	10:54: 0	174	2.900	1099.00	108.0	1057.00	963.76
49	10:57: 0	177	2.950	1136.00	108.0	1094.00	739.28

COMPANY : DUNNE OIL COMPANY FIELD : HANCHETT

WELL : #1-5 JOB # : 007

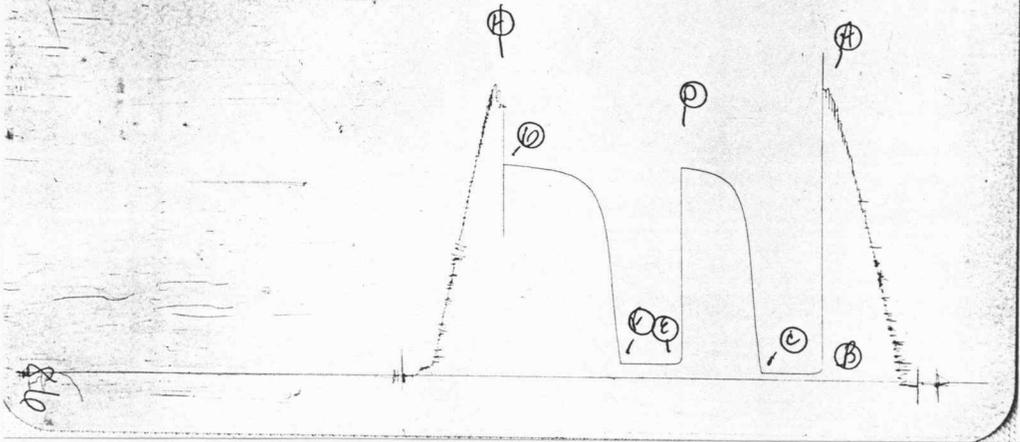
GAUGE # : 3086 DEPTH : 3038

MON/DAY : 5/27

PAGE 2

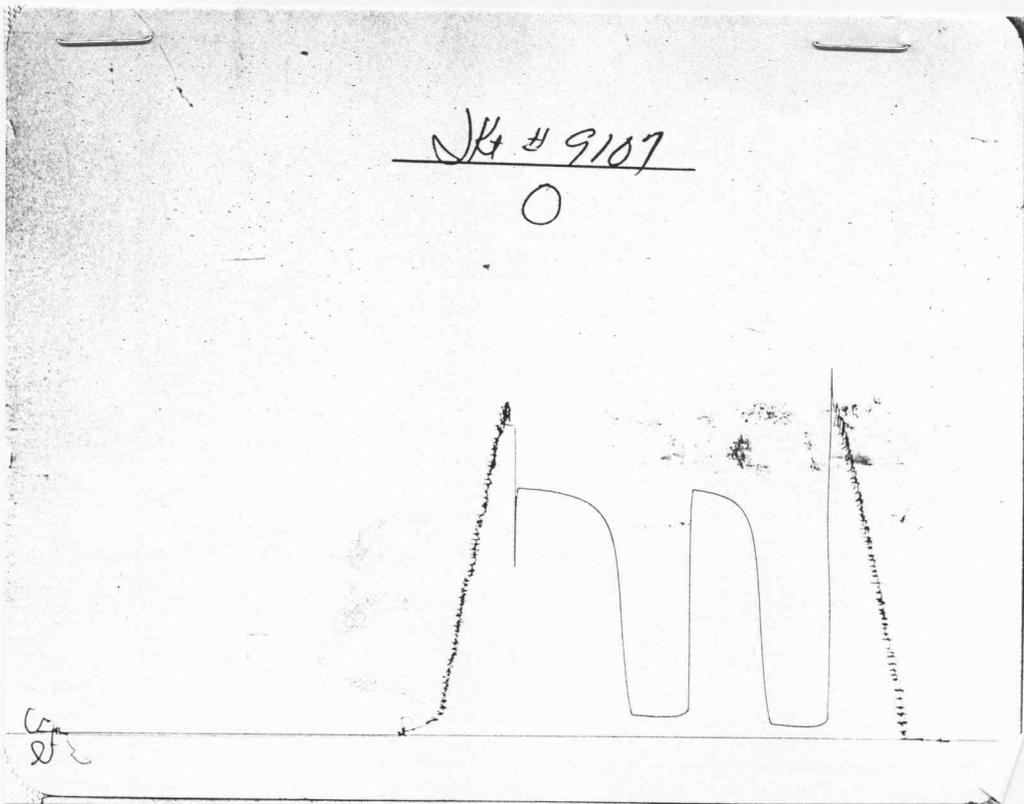
REC#	REAL TIME	ELAPSE TIME		PRESSURE	TEMP	DELTA P	DP/DT
	HR:MIN:SEC	MINS	HOURS	PSIG	DEG F	(Po-Pi)	Psi/hr
50	11: 0: 0	180	3.000	1163.00	108.0	1121.00	539.47
51	11: 3: 0	183	3.050	1183.00	108.0	1141.00	399.61
52	11: 6: 0	186	3.100	1200.00	108.0	1158.00	339.67
53	11: 9: 0	189	3.150	1214.00	108.0	1172.00	281.10
54	11:12: 0	192	3.200	1224.00	108.0	1182.00	199.80
55	11:15: 0	195	3.250	1232.00	108.0	1190.00	159.84
56	11:18: 0	198	3.300	1240.00	108.0	1198.00	159.84
57	11:21: 0	201	3.350	1247.00	108.0	1205.00	139.86
58	11:24: 0	204	3.400	1252.00	108.0	1210.00	100.39
59	11:27: 0	207	3.450	1255.00	108.0	1213.00	59.94
60	11:30: 0	210	3.500	1258.00	108.0	1216.00	59.94
61	11:33: 0	213	3.550	1261.00	108.0	1219.00	59.94
62	11:36: 0	216	3.600	1264.00	108.0	1222.00	59.94
63	11:39: 0	219	3.650	1267.00	108.0	1225.00	60.24
64	11:42: 0	222	3.700	1270.00	108.0	1228.00	59.94
65	11:45: 0	225	3.750	1273.00	108.0	1231.00	59.94
66	11:48: 0	228	3.800	1276.00	108.0	1234.00	59.94
67	11:51: 0	231	3.850	1278.00	108.0	1236.00	39.96
68	11:54: 0	234	3.900	1280.00	108.0	1238.00	40.16
69	11:57: 0	237	3.950	1282.00	108.0	1240.00	39.96
70	12: 0: 0	240	4.000	1283.00	108.0	1241.00	19.98
71	12: 3: 0	243	4.050	1284.00	108.0	1242.00	19.98

JK # 9107
I



Inside Recorder

JK # 9107
O



Outside Recorder