

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

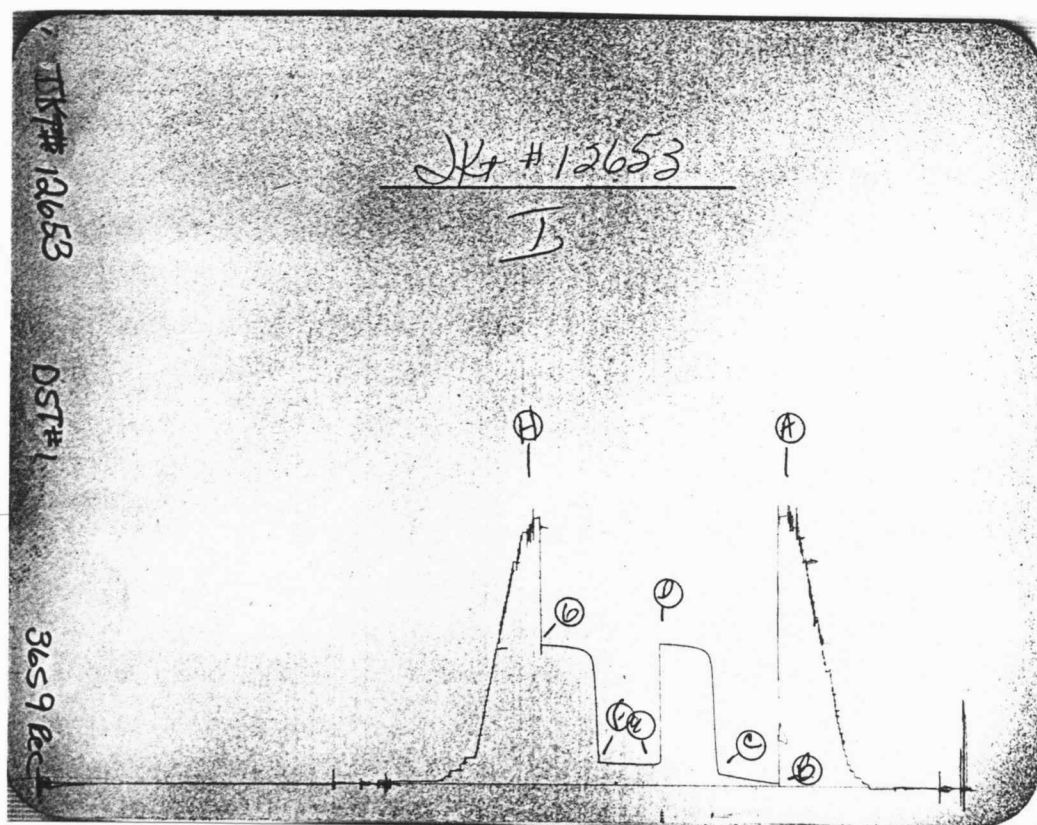
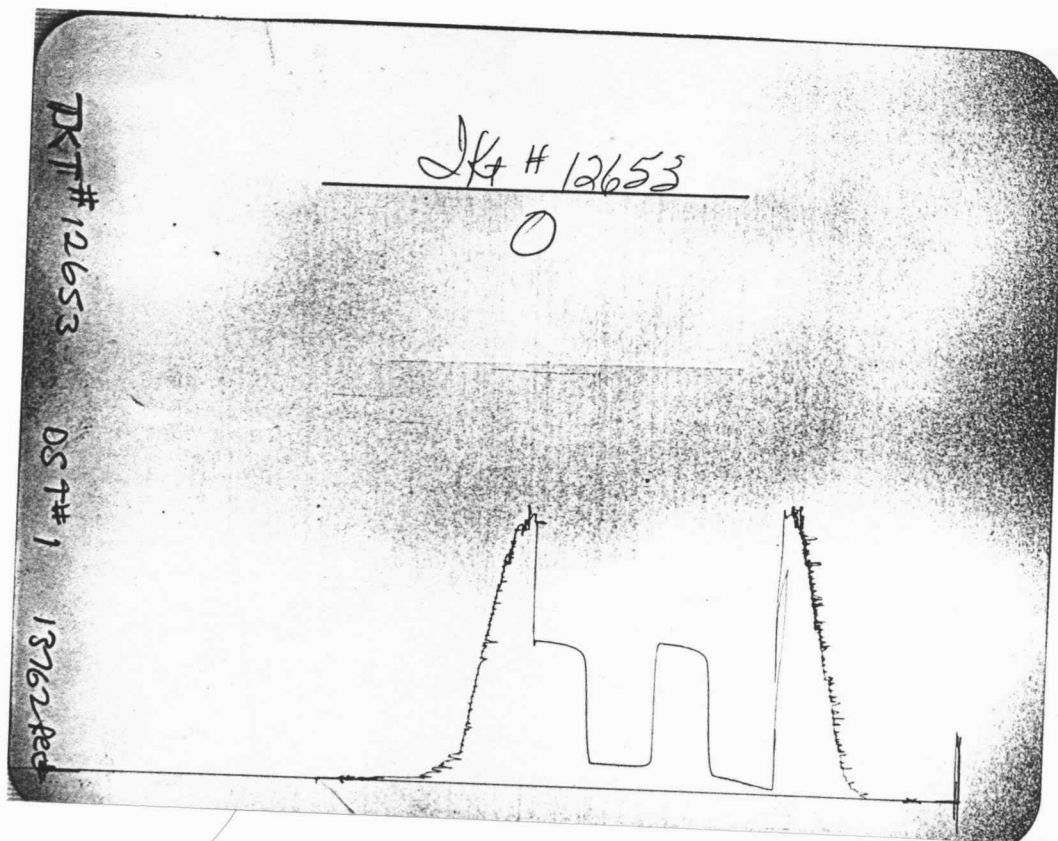
P.O. Box 1599

Phone (316) 262-5861

COMPANY DUNNE EQUITIES INC.

LEASE & WELL NO. COOPER "D" #3

SEC. 31 TWP. 28S RGE. 8E TEST NO. 1 DATE 11-28-87



WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	11-28-87	TICKET	:	12653
CUSTOMER	:	DUNNE EQUITIES INC.	LEASE	:	COOPER "D"
WELL	:	#3	TEST:	:	1
ELEVATION	:	NA	GEOLOGIST	:	D SEEGER
SECTION	:	31	FORMATION	:	MISSISSIPPI
RANGE	:	8E	COUNTY	:	BUTLER
GAUGE SN#	:	3659	RANGE	:	4000
			STATE	:	KANSAS
			CLOCK	:	12

INTERVAL FROM	:	2822	TO	:	2834	TOTAL DEPTH	:	2834
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	2817	SIZE	:	6.63			
PACKER DEPTH	:	2822	SIZE	:	6.63			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	WHITE & ELLIS	RIG 5		
MUD TYPE	:	CHEMICAL	VISCOSITY	:	42
WEIGHT	:	9.2	WATER LOSS (CC)	:	8.8
CHLORIDES (PPM)	:	1200			
JARS-MAKE	:	-	SERIAL NUMBER	:	-
DID WELL FLOW ?	:	-	REVERSED OUT ?	:	

DRILL COLLAR LENGTH	:	241	FT	I.D. inch	:	2.25
WEIGHT PIPE LENGTH	:	0	FT	I.D. inch	:	0.00
DRILL PIPE LENGTH	:	2560	FT	I.D. inch	:	4.27
TEST TOOL LENGTH	:	21	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	12	FT	ANCHOR SIZE	:	5.50
SURFACE CHOKE SIZE	:	.75	IN	BOTTOM CHOKE SIZE	:	.75
MAIN HOLE SIZE	:	7.875	IN	TOOL JOINT SIZE	:	5 XH

BLOW COMMENT #1 : INITIAL FLOW-WEAK BLOW SLOWLY BUILDING TO STRONG.
BLOW COMMENT #2 : FINAL FLOW-STRONG BLOW OFF BOTTOM OF BUCKET.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED	:	30	FT	OF: CLEAN OIL	40 GRAVITY @ 60 DEG.
RECOVERED	:	120	FT	OF: MUD CUT OIL	
				10% GAS-70% OIL-20% MUD	
RECOVERED	:	60	FT	OF: OIL CUT MUD	
				20% GAS-40% OIL-40% MUD	
RECOVERED	:	60	FT	OF: OIL CUT MUD & WATER	
				20% GAS-30% OIL-40% MUD-10% GAS	

CHLORIDES: 10000 PPM

Total Barrels Fluid	=	1.70
Total Fluid Prod Rate	=	27.18 BFPD
Indicated Oil Rate	=	15.70 BOPD
Indicated Wtr Rate	=	1.41 BWPD
Corrected Oil Rate	=	29.59 BOPD
Corrected Wtr Rate	=	2.66 BWPD

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

SET PACKER(S) : 1:15 PM

TIME STARTED OFF BOTTOM : 4:15 PM

WELL TEMPERATURE : 102

INITIAL HYDROSTATIC PRESSURE

(A) 1419

INITIAL FLOW PERIOD MIN: 45

(B) 23 PSI TO (C) : 70

INITIAL CLOSED IN PERIOD MIN: 45

(D) 751

FINAL FLOW PERIOD MIN: 45

(E) 119 PSI TO (F) : 128

FINAL CLOSED IN PERIOD MIN: 45

(G) 739

FINAL HYDROSTATIC PRESSURE

(H) 1398

WESTERN TESTING CO. INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY : DUNNE EQUITIES INC.
RIG : BUTLER-KANSAS
FIELD : COOPER "D"
WELL : #3
DATE : 11-28-87
GAUGE NO : 3659

OPERATIONAL COMMENTS

COMPANY : DUNNE EQUITIES INC.
WELL : #3
GAUGE # : 3659
DATE : 28/11/87

FIELD : COOPER "D"
JOB # : 12653
DEPTH : 2834
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	1:15: 0	0.000	23.000	102.00	0.000
2	1:19:59	0.083	26.000	102.00	3.000
3	1:25: 0	0.167	31.000	102.00	5.000
4	1:30: 0	0.250	37.000	102.00	6.000
5	1:34:59	0.333	42.000	102.00	5.000
6	1:40: 0	0.417	46.000	102.00	4.000
7	1:45: 0	0.500	54.000	102.00	8.000
8	1:49:59	0.583	60.000	102.00	6.000
9	1:55: 0	0.667	66.000	102.00	6.000
10	2: 0: 0	0.750	70.000	102.00	4.000
11	2: 3: 0	0.800	261.000	102.00	191.000
12	2: 6: 0	0.850	559.000	102.00	298.000
13	2: 9: 0	0.900	690.000	102.00	131.000
14	2:12: 0	0.950	714.000	102.00	24.000
15	2:15: 0	1.000	724.000	102.00	10.000
16	2:18: 0	1.050	732.000	102.00	8.000
17	2:21: 0	1.100	736.000	102.00	4.000
18	2:24: 0	1.150	739.000	102.00	3.000
19	2:27: 0	1.200	742.000	102.00	3.000
20	2:30: 0	1.250	745.000	102.00	3.000
21	2:33: 0	1.300	747.000	102.00	2.000
22	2:36: 0	1.350	748.000	102.00	1.000
23	2:39: 0	1.400	749.000	102.00	1.000
24	2:42: 0	1.450	750.000	102.00	1.000
25	2:45: 0	1.500	751.000	102.00	1.000
26	2:46: 0	1.517	119.000	102.00	-632.000
27	2:49:59	1.583	119.000	102.00	0.000
28	2:55: 0	1.667	119.000	102.00	0.000
29	3: 0: 0	1.750	119.000	102.00	0.000
30	3: 4:59	1.833	121.000	102.00	2.000
31	3:10: 0	1.917	122.000	102.00	1.000
32	3:15: 0	2.000	123.000	102.00	1.000
33	3:19:59	2.083	124.000	102.00	1.000
34	3:25: 0	2.167	126.000	102.00	2.000
35	3:30: 0	2.250	128.000	102.00	2.000
36	3:33: 0	2.300	396.000	102.00	268.000
37	3:36: 0	2.350	639.000	102.00	243.000
38	3:39: 0	2.400	692.000	102.00	53.000
39	3:42: 0	2.450	709.000	102.00	17.000
40	3:45: 0	2.500	718.000	102.00	9.000
41	3:48: 0	2.550	724.000	102.00	6.000
42	3:51: 0	2.600	727.000	102.00	3.000
43	3:54: 0	2.650	731.000	102.00	4.000
44	3:57: 0	2.700	733.000	102.00	2.000
45	4: 0: 0	2.750	734.000	102.00	1.000
46	4: 3: 0	2.800	735.000	102.00	1.000
47	4: 6: 0	2.850	736.000	102.00	1.000
48	4: 9: 0	2.900	737.000	102.00	1.000
49	4:12: 0	2.950	738.000	102.00	1.000
50	4:15: 0	3.000	739.000	102.00	1.000