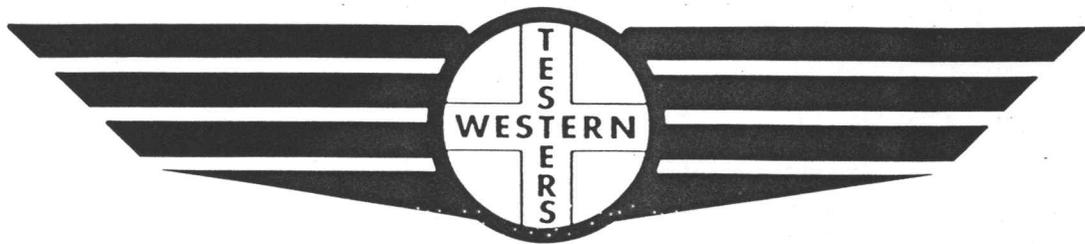


FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY FME OIL & GAS PROPERTIES, INC. LEASE & WELL NO. #1 FME MCKNIGHT SEC. 14 TWP. 13S RGE. 12E TEST NO. DATE

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 3-3-87 TICKET : 13361
CUSTOMER : F.M.F. OIL & GAS PROPERTIES INC. LEASE : FMF McKNIGHT
WELL : #1 TEST: 1 GEOLOGIST : L. SIMPSON
ELEVATION : NA FORMATION : SIMPSON
SECTION : 14 TOWNSHIP : 13S
RANGE : 12E COUNTY : WABAUNSEE STATE : KANSAS
GAUGE SN# : 10270 RANGE : 4150 CLOCK : 12

INTERVAL FROM : 3218 TO : 3252 TOTAL DEPTH : 3252
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 3218 SIZE : 6.63
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : BRANDT RIG #3
MUD TYPE : CHEMICAL VISCOSITY : 45
WEIGHT : 9.4 WATER LOSS (CC) : 9.6
CHLORIDES (PPM) : 1600
JARS-MAKE : - SERIAL NUMBER :
DID WELL FLOW ? : NO REVERSED OUT ? : NO

DRILL COLLAR LENGTH : 415 FT I.D. inch : 2.20
WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00
DRILL PIPE LENGTH : 2788 FT I.D. inch : 3.80
TEST TOOL LENGTH : 15 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-WEAK BLOW BUILDING TO A STRONG BLOW
IN 5 MINUTES.
BLOW COMMENT #2 : STRONG BLOW THROUGHOUT THE FINAL FLOW.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

WESTERN TESTING CO. INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY : F.M.F. OIL & GAS PROPERTIES INC.
RIG : WABAUNSEE-KANSAS
FIELD : FMF McKNIGHT
WELL : #1
DATE : 3-3-87
GAUGE NO : 10270

OPERATIONAL COMMENTS

CHLORIDES: 13000 PPM
GAVE CHART # 13268 TO GEOLOGIST.

COMPANY : F.M.F. OIL & GAS PROPERTIES INC.

WELL : #1
 GAUGE # : 10270
 DATE : 3/ 3/87

FIELD : FMF McKNIGHT
 JOB # : 13361
 DEPTH : 3252
 TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P $P_i - P_{(i-1)}$
1	1:15: 0	0.000	77.000	118.00	0.000
2	1:19:59	0.083	150.000	118.00	73.000
3	1:25: 0	0.167	220.000	118.00	70.000
4	1:30: 0	0.250	260.000	118.00	40.000
5	1:34:59	0.333	302.000	118.00	42.000
6	1:40: 0	0.417	341.000	118.00	39.000
7	1:45: 0	0.500	379.000	118.00	38.000
8	1:48: 0	0.550	1068.000	118.00	689.000
9	1:51: 0	0.600	1091.000	118.00	23.000
10	1:54: 0	0.650	1099.000	118.00	8.000
11	1:57: 0	0.700	1105.000	118.00	6.000
12	2: 0: 0	0.750	1107.000	118.00	2.000
13	2: 3: 0	0.800	1109.000	118.00	2.000
14	2: 6: 0	0.850	1111.000	118.00	2.000
15	2: 9: 0	0.900	1113.000	118.00	2.000
16	2:12: 0	0.950	1115.000	118.00	2.000
17	2:15: 0	1.000	1117.000	118.00	2.000
18	2:18: 0	1.050	1118.000	118.00	1.000
19	2:21: 0	1.100	1119.000	118.00	1.000
20	2:24: 0	1.150	1120.000	118.00	1.000
21	2:27: 0	1.200	1120.000	118.00	0.000
22	2:30: 0	1.250	1120.000	118.00	0.000
23	2:33: 0	1.300	1120.000	118.00	0.000
24	2:36: 0	1.350	1120.000	118.00	0.000
25	2:39: 0	1.400	1120.000	118.00	0.000
26	2:42: 0	1.450	1120.000	118.00	0.000
27	2:45: 0	1.500	1120.000	118.00	0.000
28	2:46: 0	1.517	412.000	118.00	-708.000
29	2:49:59	1.583	425.000	118.00	13.000
30	2:55: 0	1.667	460.000	118.00	35.000
31	3: 0: 0	1.750	495.000	118.00	35.000
32	3: 4:59	1.833	526.000	118.00	31.000
33	3:10: 0	1.917	558.000	118.00	32.000
34	3:15: 0	2.000	595.000	118.00	37.000
35	3:18: 0	2.050	1085.000	118.00	490.000
36	3:21: 0	2.100	1107.000	118.00	22.000
37	3:24: 0	2.150	1114.000	118.00	7.000
38	3:27: 0	2.200	1117.000	118.00	3.000
39	3:30: 0	2.250	1120.000	118.00	3.000
40	3:33: 0	2.300	1122.000	118.00	2.000
41	3:36: 0	2.350	1124.000	118.00	2.000
42	3:39: 0	2.400	1126.000	118.00	2.000
43	3:42: 0	2.450	1127.000	118.00	1.000
44	3:45: 0	2.500	1128.000	118.00	1.000
45	3:48: 0	2.550	1128.000	118.00	0.000
46	3:51: 0	2.600	1128.000	118.00	0.000
47	3:54: 0	2.650	1128.000	118.00	0.000
48	3:57: 0	2.700	1128.000	118.00	0.000
49	4: 0: 0	2.750	1128.000	118.00	0.000
50	4: 3: 0	2.800	1128.000	118.00	0.000
51	4: 6: 0	2.850	1128.000	118.00	0.000
52	4: 9: 0	2.900	1128.000	118.00	0.000

COMPANY : F.M.F. OIL & GAS PROPERTIES INC.

WELL : #1
GAUGE # : 10270
DATE : 3/ 3/87

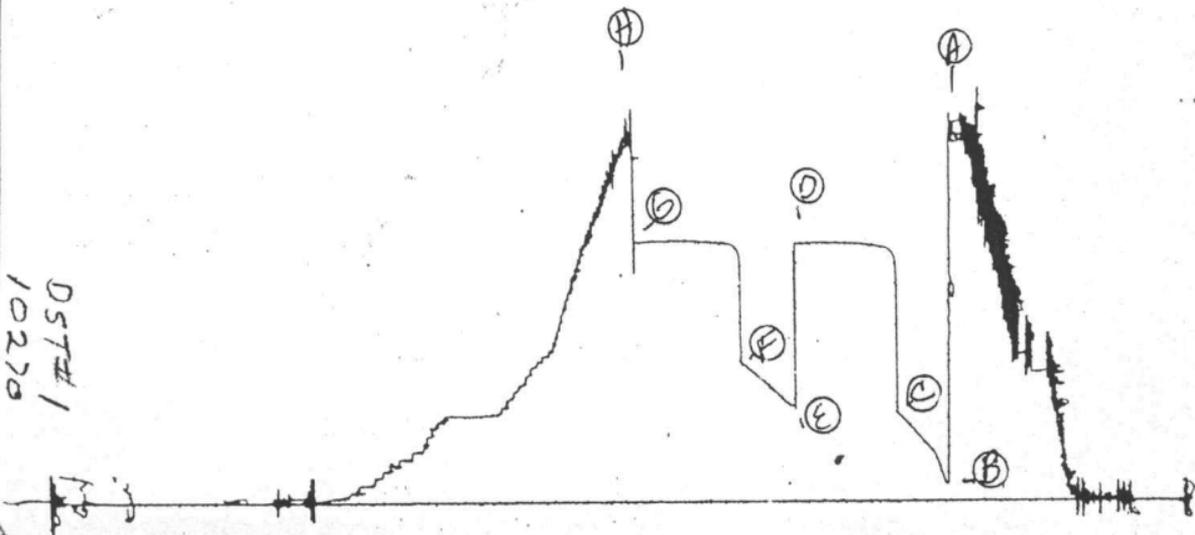
FIELD : FMF McKNIGHT
JOB # : 13361
DEPTH : 3252
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	4:12: 0	2.950	1128.000	118.00	0.000
54	4:15: 0	3.000	1128.000	118.00	0.000
55	4:18: 0	3.050	1128.000	118.00	0.000

WESTERN TESTING CO. INC.

TKF # 13361

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DST # 1
10220