

15-165-21590

34-18s-20w

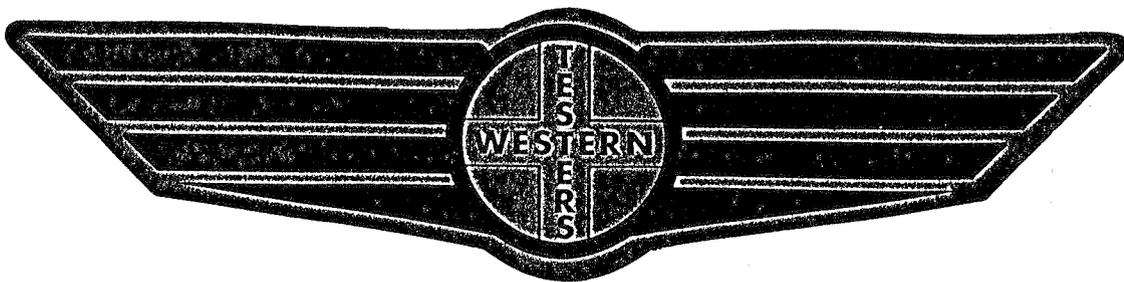
FORMATION

TEST

REPORT

KCC

JUL 21 1994



Home Office:

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COMPANY OIL PRODUCERS INC. OF KS. LEASE & WELL NO. RANDEL #1 SEC. 34 TWP. 18S RGE. 20W TEST NO. 1 DATE 11/6/91

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 11-6-91 TICKET : 17402
CUSTOMER : OIL PRODUCERS INC. OF KANSAS LEASE : RANDEL
WELL : 1 TEST: 1 GEOLOGIST : SHEPHERD
ELEVATION : 2149 GL FORMATION : CHEROKEE SAND
SECTION : 34 TOWNSHIP : 18S
RANGE : 20W COUNTY : RUSH STATE : KANSAS
GAUGE SN# : 13401 RANGE : 3950 CLOCK : 12

INTERVAL FROM : 4102 TO : 4142 TOTAL DEPTH : 4142
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 4102 SIZE : 6.63
PACKER DEPTH : 4097 SIZE : 6.63
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : MALLARD RIG 1
MUD TYPE : CHEMICAL VISCOSITY : 48
WEIGHT : 9.5 WATER LOSS (CC) : 8.6
CHLORIDES (PPM) : 8000
JARS-MAKE : SERIAL NUMBER :
DID WELL FLOW ? : NO REVERSED OUT ? : NO

DRILL COLLAR LENGTH : 303 FT I.D. inch : 2.20
WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00
DRILL PIPE LENGTH : 3779 FT I.D. inch : 3.70
TEST TOOL LENGTH : 20 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 40 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 : STRONG BLOW OFF BOTTOM OF BUCKET IN 3 MINUTES
BLOW COMMENT #2 : BOTH FLOW PERIODS.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 390 FT OF: CLEAN OIL - 39 GRAVITY
RECOVERED : 185 FT OF: FROGY OIL
RECOVERED : 120 FT OF: GAS & MUD CUT OIL
RECOVERED : 0 FT OF: 15%MUD;20%GAS;65%OIL

Total Barrels Fluid = 6.64
Total Fluid Prod Rate = 273.08 BFPD
Indicated Oil Rate = 256.57 BOPD
Indicated Wtr Rate = 0.71 BWPD
Corrected Oil Rate = 73.26 BOPD
Corrected Wtr Rate = 0.20 BWPD

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

SET PACKER(S) : 4:45 A.M. TIME STARTED OFF BOTTOM : 5:50 A.M.
WELL TEMPERATURE : 118
INITIAL HYDROSTATIC PRESSURE (A) 2185
INITIAL FLOW PERIOD MIN: 5 (B) 200 PSI TO (C) : 200
INITIAL CLOSED IN PERIOD MIN: 15 (D) 447
FINAL FLOW PERIOD MIN: 30 (E) 243 PSI TO (F) : 267
FINAL CLOSED IN PERIOD MIN: 18 (G) 428
FINAL HYDROSTATIC PRESSURE (H) 2097

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : OIL PRODUCERS INC. OF KANSAS
RIG : RUSH-KANSAS
FIELD : RANDEL
WELL : 1
DATE : 11-6-91
GAUGE NO : 13401

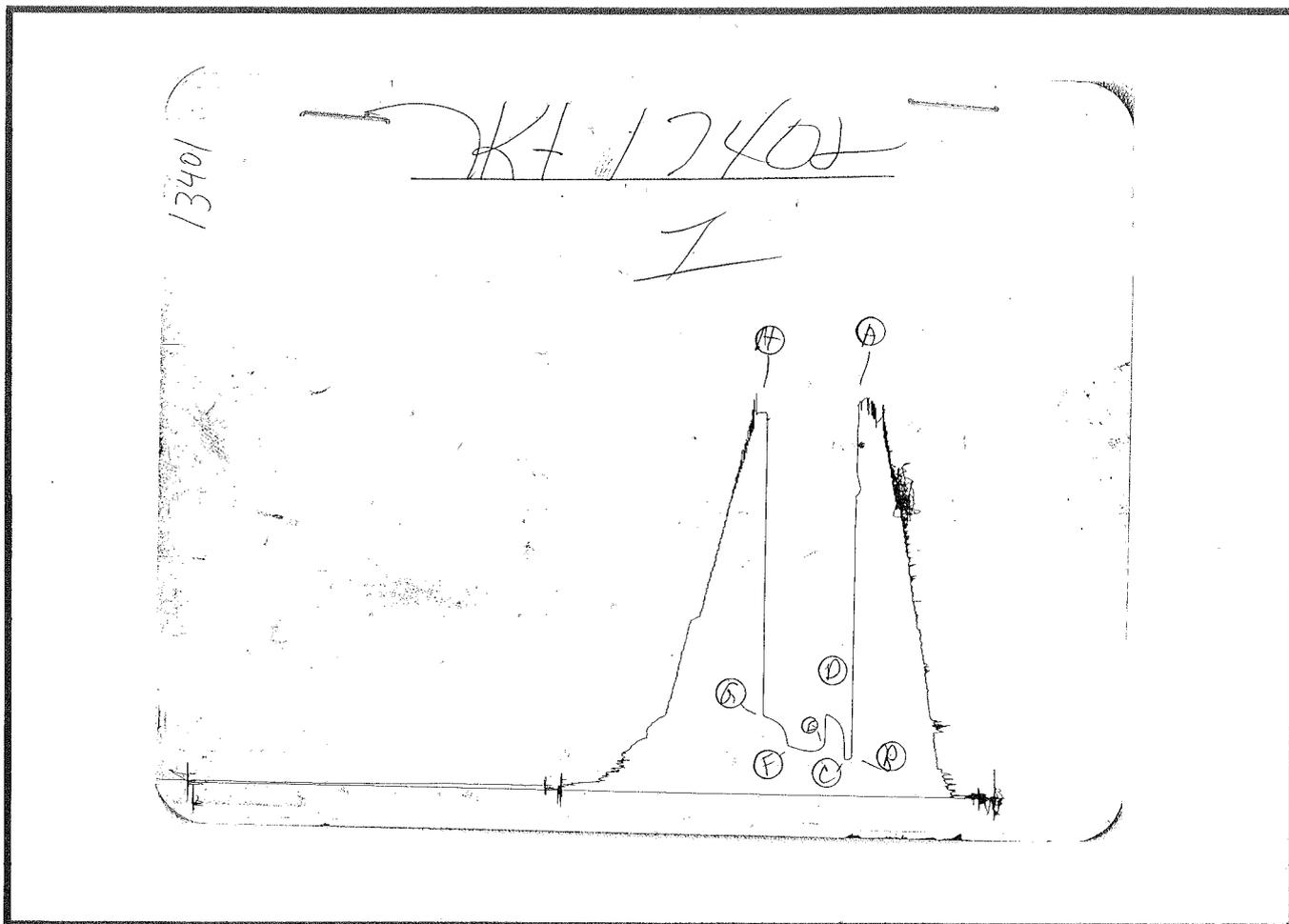
OPERATIONAL COMMENTS

COMPANY : OIL PRODUCERS INC. OF KANSAS
 WELL : 1
 GAUGE # : 13401
 DATE : 6/11/91

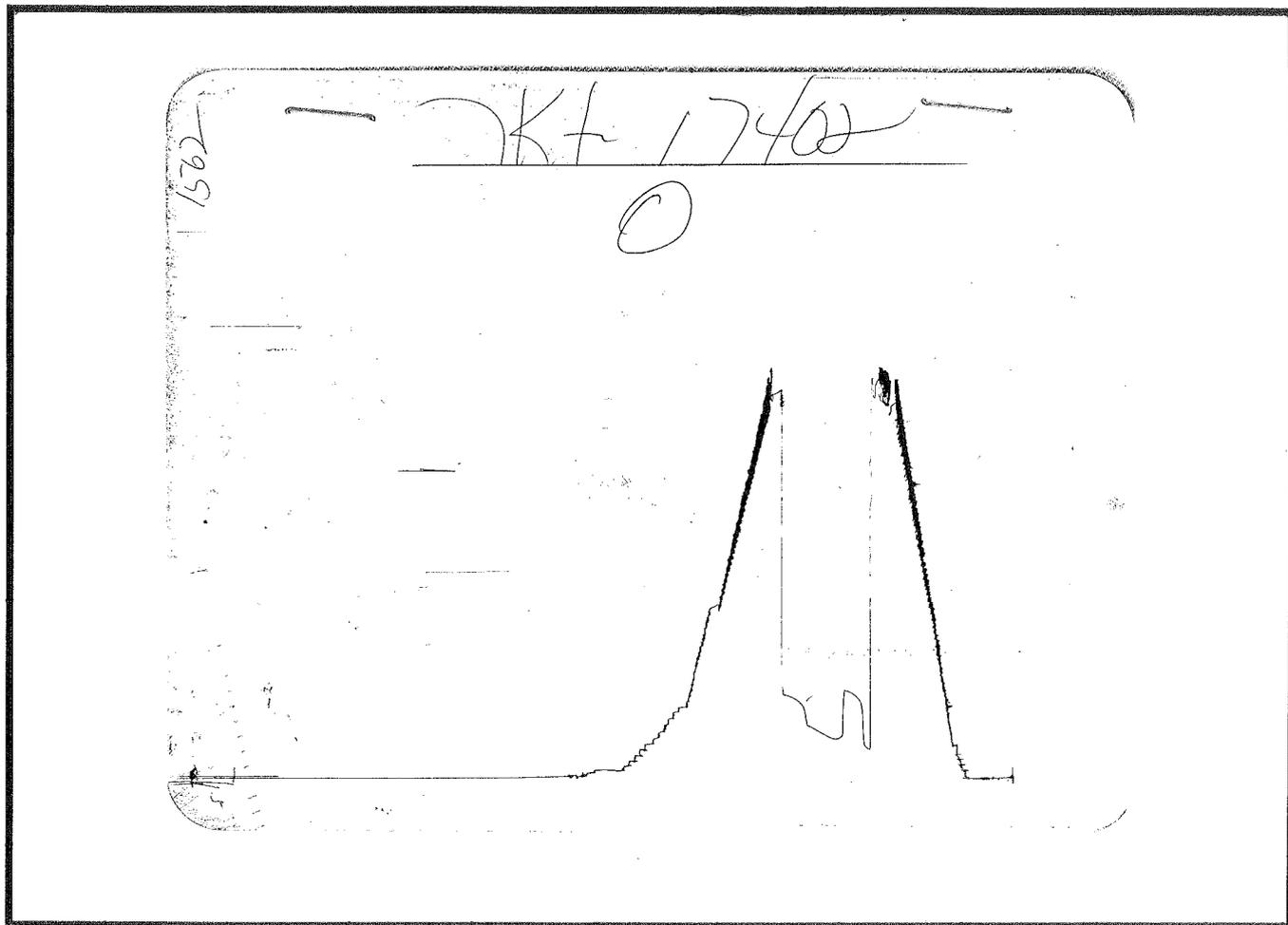
FIELD : RANDEL
 JOB # : 17402
 DEPTH : 4142
 TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
INITIAL FLOW PERIOD					
2	4:45: 0	0.000	200.000	118.00	0.000
3	4:49:59	0.083	200.000	118.00	0.000
INITIAL SHUT-IN PERIOD					
4	4:52:59	0.133	362.000	118.00	162.000
5	4:55:59	0.183	401.000	118.00	39.000
6	4:58:59	0.233	419.000	118.00	18.000
7	5: 1:59	0.283	433.000	118.00	14.000
8	5: 4:59	0.333	447.000	118.00	14.000
FINAL FLOW PERIOD					
9	5: 6: 0	0.350	243.000	118.00	-204.000
10	5: 9:59	0.417	243.000	118.00	0.000
11	5:15: 0	0.500	243.000	118.00	0.000
12	5:19:59	0.583	243.000	118.00	0.000
13	5:24:59	0.667	250.000	118.00	7.000
14	5:30: 0	0.750	260.000	118.00	10.000
15	5:34:59	0.833	267.000	118.00	7.000
FINAL SHUT-IN PERIOD					
16	5:37:59	0.883	348.000	118.00	81.000
17	5:40:59	0.933	380.000	118.00	32.000
18	5:43:59	0.983	396.000	118.00	16.000
19	5:46:59	1.033	408.000	118.00	12.000
20	5:49:59	1.083	417.000	118.00	9.000
21	5:52:59	1.133	428.000	118.00	11.000

WESTERN TESTING CO. INC.



Inside Recorder



Outside Recorder