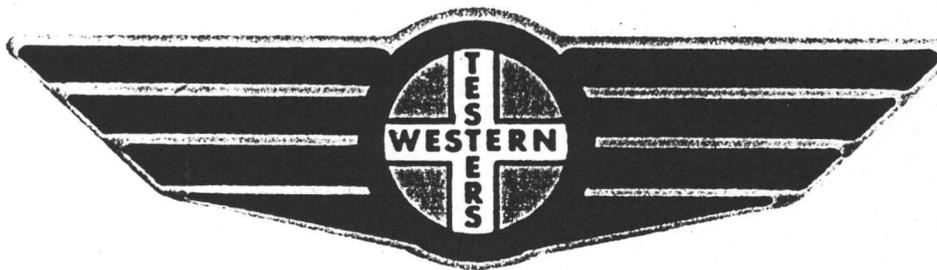


FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 7-4-88
CUSTOMER : McCOY PETROLEUM CORPORATION
WELL : #1-19 TEST: 1
ELEVATION : 2987 KB
SECTION : 19
RANGE : 33W COUNTY : HASKELL
GAUGE SN# : 13520 RANGE : 4200
TICKET : 13714
LEASE : COX TRUST
GEOLOGIST : J HASTINGS
FORMATION : CHEROKEE
TOWNSHIP : 28S
STATE : KANSAS
CLOCK : 12

INTERVAL FROM : 4956 TO : 5050 TOTAL DEPTH : 5050
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 4951 SIZE : 6.63
PACKER DEPTH : 4956 SIZE : 6.63
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : SWEETMAN
MUD TYPE : CHEMICAL VISCOSITY : 40
WEIGHT : 9.2 WATER LOSS (CC) : 8.8
CHLORIDES (PPM) : 1000
JARS-MAKE : WTC SERIAL NUMBER : 411
DID WELL FLOW ? : NO REVERSED OUT ? : NO

DRILL COLLAR LENGTH : 220 FT I.D. inch : 2.25
WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00
DRILL PIPE LENGTH : 4708 FT I.D. inch : 3.80
TEST TOOL LENGTH : 28 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 94 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-VERY WEAK BLOW FOR 20 MINUTES & DIED
BLOW COMMENT #2 : FINAL FLOW-FEW BUBBLES & DIED.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 25 FT OF: OIL CUT MUD (10% OIL)

Total Barrels Fluid = 0.12
Total Fluid Prod Rate = 2.95 BFPD
Indicated Oil Rate = 0.30 BOPD
Indicated Wtr Rate = 0.27 BWPD

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

SET PACKER(S) : 5:00 PM

TIME STARTED OFF BOTTOM : 7:30 PM

WELL TEMPERATURE : 126

INITIAL HYDROSTATIC PRESSURE

(A) 2408

INITIAL FLOW PERIOD MIN: 30

(B) 58 PSI TO (C) : 58

INITIAL CLOSED IN PERIOD MIN: 42

(D) 915

FINAL FLOW PERIOD MIN: 30

(E) 74 PSI TO (F) : 61

FINAL CLOSED IN PERIOD MIN: 42

(G) 188

FINAL HYDROSTATIC PRESSURE

(H) 2401

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : McCOY PETROLEUM CORPORATION
RIG : HASKELL-KANSAS
FIELD : COX TRUST
WELL : #1-19
DATE : 7-4-88
GAUGE NO : 13520

OPERATIONAL COMMENTS

COMPANY : McCOY, PETROLEUM CORPORATION
WELL : #1-19
GAUGE # : 13520
DATE : 4/ 7/88

FIELD : COX TRUST
JOB # : 13714
DEPTH : 5050
TEST :

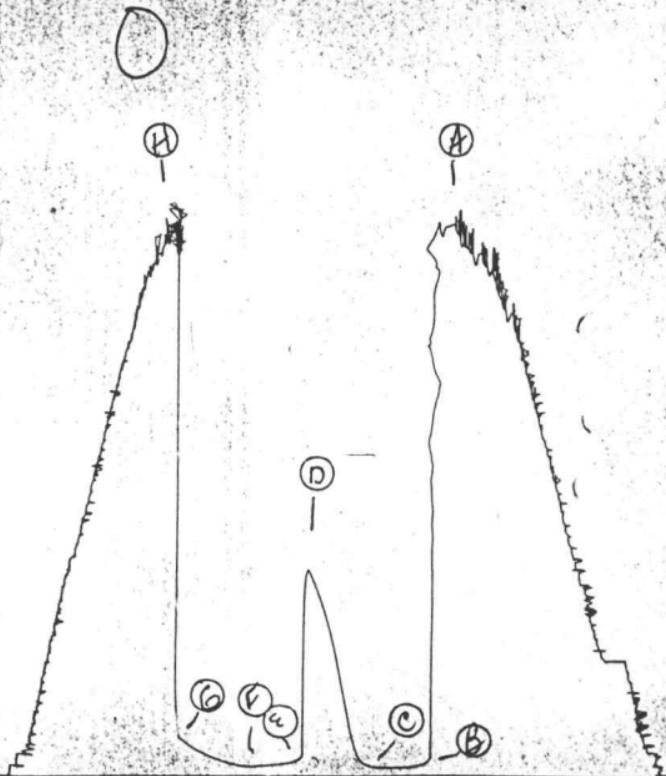
DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P P _i -P _(i-1)
1	5: 0: 0	0.000	58.000	126.00	0.000
2	5: 4: 59	0.083	58.000	126.00	0.000
3	5:10: 0	0.167	58.000	126.00	0.000
4	5:15: 0	0.250	58.000	126.00	0.000
5	5:19:59	0.333	58.000	126.00	0.000
6	5:25: 0	0.417	58.000	126.00	0.000
7	5:30: 0	0.500	58.000	126.00	0.000
8	5:33: 0	0.550	59.000	126.00	1.000
9	5:36: 0	0.600	64.000	126.00	5.000
10	5:39: 0	0.650	76.000	126.00	12.000
11	5:42: 0	0.700	95.000	126.00	19.000
12	5:45: 0	0.750	157.000	126.00	62.000
13	5:48: 0	0.800	257.000	126.00	100.000
14	5:51: 0	0.850	371.000	126.00	114.000
15	5:54: 0	0.900	485.000	126.00	114.000
16	5:57: 0	0.950	594.000	126.00	109.000
17	6: 0: 0	1.000	678.000	126.00	84.000
18	6: 2: 59	1.050	760.000	126.00	82.000
19	6: 6: 0	1.100	823.000	126.00	63.000
20	6: 9: 0	1.150	878.000	126.00	55.000
21	6:12: 0	1.200	915.000	126.00	37.000
22	6:13: 0	1.217	74.000	126.00	-841.000
23	6:16:59	1.283	74.000	126.00	0.000
24	6:22: 0	1.367	74.000	126.00	0.000
25	6:27: 0	1.450	70.000	126.00	-4.000
26	6:31:59	1.533	67.000	126.00	-3.000
27	6:37: 0	1.617	65.000	126.00	-2.000
28	6:42: 0	1.700	61.000	126.00	-4.000
29	6:45: 0	1.750	63.000	126.00	2.000
30	6:48: 0	1.800	66.000	126.00	3.000
31	6:51: 0	1.850	70.000	126.00	4.000
32	6:54: 0	1.900	75.000	126.00	5.000
33	6:57: 0	1.950	82.000	126.00	7.000
34	7: 0: 0	2.000	90.000	126.00	8.000
35	7: 3: 0	2.050	97.000	126.00	7.000
36	7: 6: 0	2.100	106.000	126.00	9.000
37	7: 9: 0	2.150	117.000	126.00	11.000
38	7:12: 0	2.200	127.000	126.00	10.000
39	7:15: 0	2.250	140.000	126.00	13.000
40	7:18: 0	2.300	157.000	126.00	17.000
41	7:21: 0	2.350	174.000	126.00	17.000
42	7:24: 0	2.400	188.000	126.00	14.000

WESTERN TESTING CO. INC.

13570 DST #1



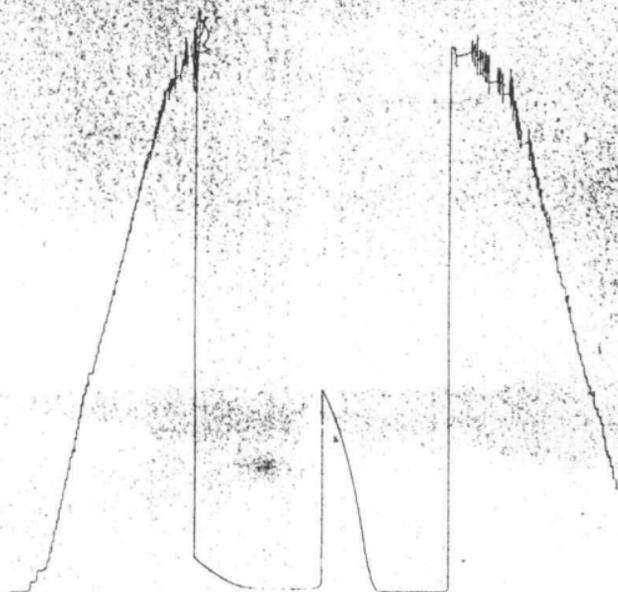
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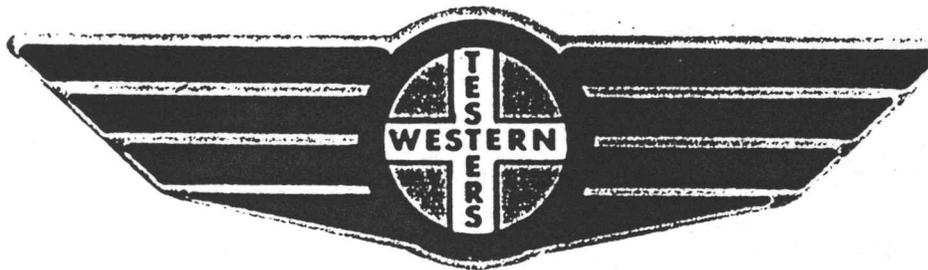
H332 DST#1

JKt # 13714

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FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 7-6-88
CUSTOMER : McCOY PETROLEUM CORPORATION
WELL : #1-19 TEST: 2
ELEVATION : 2987 KB
SECTION : 19
RANGE : 33W COUNTY : HASKELL
GAUGE SN# : 4332 RANGE : 4200
TICKET : 13715
LEASE : COX TRUST
GEOLOGIST : J HASTINGS
FORMATION : MORROW SD
TOWNSHIP : 28S
STATE : KANSAS
CLOCK : 12

INTERVAL FROM : 5337 TO : 5350 TOTAL DEPTH : 5350
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 5332 SIZE : 6.63
PACKER DEPTH : 5337 SIZE : 6.63
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : SWEETMAN
MUD TYPE : CHEMICAL VISCOSITY : 41
WEIGHT : 9.0 WATER LOSS (CC) : 10.
CHLORIDES (PPM) : 1500
JARS-MAKE : WTC SERIAL NUMBER : 411
DID WELL FLOW ? : NO REVERSED OUT ? : NO

DRILL COLLAR LENGTH : 280 FT I.D. inch : 2.25
WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00
DRILL PIPE LENGTH : 5029 FT I.D. inch : 3.80
TEST TOOL LENGTH : 28 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 13 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 GOOD 6" BLOW.
BLOW COMMENT #2 : FINAL FLOW-STRONG BLOW.
BLOW COMMENT #3 : NO GAS TO SURFACE.
BLOW COMMENT #4 :

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 7-6-88 TICKET : 13715
CUSTOMER : McCOY PETROLEUM CORPORATION LEASE : COX TRUST
WELL : #1-19 TEST: 2 GEOLOGIST : J HASTINGS
ELEVATION : 2987 KB FORMATION : MORROW SD
SECTION : 19 TOWNSHIP : 28S
RANGE : 33W COUNTY : HASKELL STATE : KANSAS
GAUGE SN# : 4332 RANGE : 4200 CLOCK : 12

INTERVAL FROM : 5337 TO : 5350 TOTAL DEPTH : 5350
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 5332 SIZE : 6.63
PACKER DEPTH : 5337 SIZE : 6.63
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : SWEETMAN
MUD TYPE : CHEMICAL VISCOSITY : 41
WEIGHT : 9.0 WATER LOSS (CC) : 10.
CHLORIDES (PPM) : 1500
JARS-MAKE : WTC SERIAL NUMBER : 411
DID WELL FLOW ? : NO REVERSED OUT ? : NO

DRILL COLLAR LENGTH : 280 FT I.D. inch : 2.25
WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00
DRILL PIPE LENGTH : 5029 FT I.D. inch : 3.80
TEST TOOL LENGTH : 28 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 13 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 GOOD 6" BLOW.
BLOW COMMENT #2 : FINAL FLOW-STRONG BLOW.
BLOW COMMENT #3 : NO GAS TO SURFACE.
BLOW COMMENT #4 :

RECOVERED : 60 FT OF: GAS & MUD CUT OIL
20% GAS-50% OIL-4% WTR-26% MUD
RECOVERED : 60 FT OF: GAS & MUD CUT OIL
30% GAS-40% OIL-5% WTR-25% MUD

Total Barrels Fluid = 0.59
Total Fluid Prod Rate = 6.29 BFPD
Indicated Oil Rate = 2.83 BOPD
Indicated Wtr Rate = 0.45 BWPD

REMARK 1 :
REMARK 2 : RECOVERED 750 FEET OF GAS ABOVE FLUID.
REMARK 3 :
REMARK 4 :

SET PACKER(S) : 3:45 AM TIME STARTED OFF BOTTOM : 8:30 AM
WELL TEMPERATURE : 132
INITIAL HYDROSTATIC PRESSURE (A) 2566
INITIAL FLOW PERIOD MIN: 45 (B) 53 PSI TO (C) : 53
INITIAL CLOSED IN PERIOD MIN: 60 (D) 1403
FINAL FLOW PERIOD MIN: 90 (E) 69 PSI TO (F) : 69
FINAL CLOSED IN PERIOD MIN: 90 (G) 1429
FINAL HYDROSTATIC PRESSURE (H) 2556

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : McCOY PETROLEUM CORPORATION
RIG : HASKELL-KANSAS
FIELD : COX TRUST
WELL : #1-19
DATE : 7-6-88
GAUGE NO : 4332

OPERATIONAL COMMENTS

RECOVERED 750 FEET OF GAS ABOVE FLUID.

COMPANY : McCOY PETROLEUM CORPORATION
 WELL : #1-19
 GAUGE # : 4332
 DATE : 6/ 7/88

FIELD : COX TRUST
 JOB # : 13715
 DEPTH : 5350
 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	3:45: 0	0.000	53.000	132.00	0.000
2	3:49:59	0.083	53.000	132.00	0.000
3	3:55: 0	0.167	53.000	132.00	0.000
4	4: 0: 0	0.250	53.000	132.00	0.000
5	4: 4:59	0.333	53.000	132.00	0.000
6	4:10: 0	0.417	53.000	132.00	0.000
7	4:15: 0	0.500	53.000	132.00	0.000
8	4:19:59	0.583	53.000	132.00	0.000
9	4:25: 0	0.667	53.000	132.00	0.000
10	4:30: 0	0.750	53.000	132.00	0.000
11	4:33: 0	0.800	53.000	132.00	0.000
12	4:36: 0	0.850	76.000	132.00	23.000
13	4:39: 0	0.900	134.000	132.00	58.000
14	4:42: 0	0.950	195.000	132.00	61.000
15	4:45: 0	1.000	275.000	132.00	80.000
16	4:48: 0	1.050	379.000	132.00	104.000
17	4:51: 0	1.100	503.000	132.00	124.000
18	4:54: 0	1.150	653.000	132.00	150.000
19	4:57: 0	1.200	795.000	132.00	142.000
20	5: 0: 0	1.250	923.000	132.00	128.000
21	5: 3: 0	1.300	1042.000	132.00	119.000
22	5: 6: 0	1.350	1133.000	132.00	91.000
23	5: 9: 0	1.400	1211.000	132.00	78.000
24	5:12: 0	1.450	1267.000	132.00	56.000
25	5:15: 0	1.500	1308.000	132.00	41.000
26	5:18: 0	1.550	1339.000	132.00	31.000
27	5:21: 0	1.600	1364.000	132.00	25.000
28	5:24: 0	1.650	1383.000	132.00	19.000
29	5:27: 0	1.700	1398.000	132.00	15.000
30	5:30: 0	1.750	1403.000	132.00	5.000
31	5:31: 0	1.767	69.000	132.00	-1334.000
32	5:34:59	1.833	69.000	132.00	0.000
33	5:40: 0	1.917	69.000	132.00	0.000
34	5:45: 0	2.000	69.000	132.00	0.000
35	5:49:59	2.083	69.000	132.00	0.000
36	5:55: 0	2.167	69.000	132.00	0.000
37	6: 0: 0	2.250	69.000	132.00	0.000
38	6: 4:59	2.333	69.000	132.00	0.000
39	6:10: 0	2.417	69.000	132.00	0.000
40	6:15: 0	2.500	69.000	132.00	0.000
41	6:19:59	2.583	69.000	132.00	0.000
42	6:25: 0	2.667	69.000	132.00	0.000
43	6:30: 0	2.750	69.000	132.00	0.000
44	6:34:59	2.833	69.000	132.00	0.000
45	6:40: 0	2.917	69.000	132.00	0.000
46	6:45: 0	3.000	69.000	132.00	0.000
47	6:49:59	3.083	69.000	132.00	0.000
48	6:55: 0	3.167	69.000	132.00	0.000
49	7: 0: 0	3.250	69.000	132.00	0.000
50	7: 3: 0	3.300	83.000	132.00	14.000
51	7: 6: 0	3.350	117.000	132.00	34.000
52	7: 9: 0	3.400	156.000	132.00	39.000

COMPANY : McCOY PETROLEUM CORPORATION
WELL : #1-19
GAUGE # : 4332
DATE : 6/ 7/88

FIELD : COX TRUST
JOB # : 13715
DEPTH : 5350
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	7:12: 0	3.450	205.000	132.00	49.000
54	7:15: 0	3.500	261.000	132.00	56.000
55	7:18: 0	3.550	319.000	132.00	58.000
56	7:21: 0	3.600	382.000	132.00	63.000
57	7:24: 0	3.650	467.000	132.00	85.000
58	7:27: 0	3.700	574.000	132.00	107.000
59	7:30: 0	3.750	686.000	132.00	112.000
60	7:33: 0	3.800	798.000	132.00	112.000
61	7:36: 0	3.850	895.000	132.00	97.000
62	7:39: 0	3.900	982.000	132.00	87.000
63	7:42: 0	3.950	1061.000	132.00	79.000
64	7:45: 0	4.000	1134.000	132.00	73.000
65	7:48: 0	4.050	1191.000	132.00	57.000
66	7:51: 0	4.100	1240.000	132.00	49.000
67	7:54: 0	4.150	1279.000	132.00	39.000
68	7:57: 0	4.200	1310.000	132.00	31.000
69	8: 0: 0	4.250	1335.000	132.00	25.000
70	8: 3: 0	4.300	1355.000	132.00	20.000
71	8: 6: 0	4.350	1371.000	132.00	16.000
72	8: 9: 0	4.400	1384.000	132.00	13.000
73	8:12: 0	4.450	1394.000	132.00	10.000
74	8:15: 0	4.500	1401.000	132.00	7.000
75	8:18: 0	4.550	1410.000	132.00	9.000
76	8:21: 0	4.600	1415.000	132.00	5.000
77	8:24: 0	4.650	1419.000	132.00	4.000
78	8:27: 0	4.700	1422.000	132.00	3.000
79	8:30: 0	4.750	1429.000	132.00	7.000

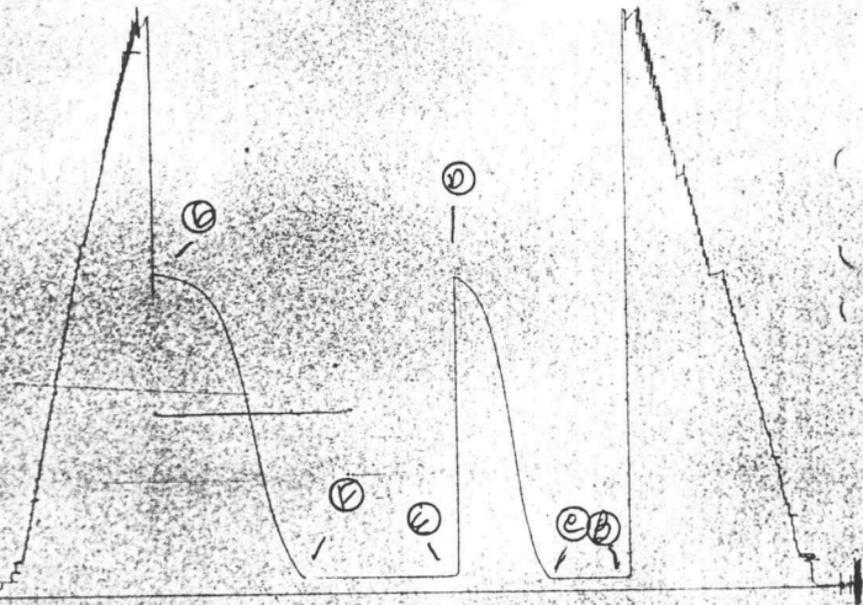
WESTERN TESTING CO. INC.

H332-1737#2



JK # 13715

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15520 DBT #2

2K # 13715

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