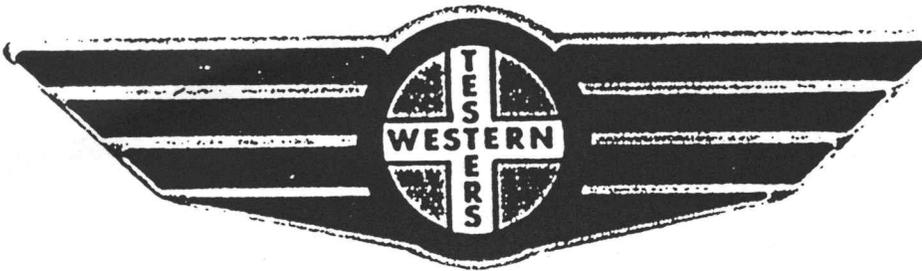


FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY

MCCOY PETROLEUM CORPORATION LEASE & WELL NO.

RATCLIFF #1-8

SEC. 8

TWP. 33S RGE. 37W TEST NO. 4

DATE 8/29/88

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 8-29-88 TICKET : 14388
CUSTOMER : McCOY PETROLEUM CORP. LEASE : RATCLIFF
WELL : #1-8 TEST: 4 GEOLOGIST : J HASTINGS
ELEVATION : 3131 KB FORMATION : ST LOUIS
SECTION : 8 TOWNSHIP : 33S
RANGE : 37W COUNTY : STEVENS STATE : KANSAS
GAUGE SN# : 4332 RANGE : 4200 CLOCK : 12

INTERVAL FROM : 6429 TO : 6455 TOTAL DEPTH : 6455
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 6424 SIZE : 6.63
PACKER DEPTH : 6429 SIZE : 6.63
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : SWEETMAN DRILLING
MUD TYPE : CHEM/MONPAC VISCOSITY : 66
WEIGHT : 9.2 WATER LOSS (CC) : 8.2
CHLORIDES (PPM) : 2000
JARS-MAKE : WTC SERIAL NUMBER : 421
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 : 6121 FT I.D. inch : 3.80
TEST TOOL LENGTH : 28 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 26 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 : VERY WEAK BLOW ON THE INITIAL FLOW.
BLOW COMMENT #2 : VERY WEAK INTERMITTENT BLOW ON THE FINAL FLOW.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 15 FT OF: MUD

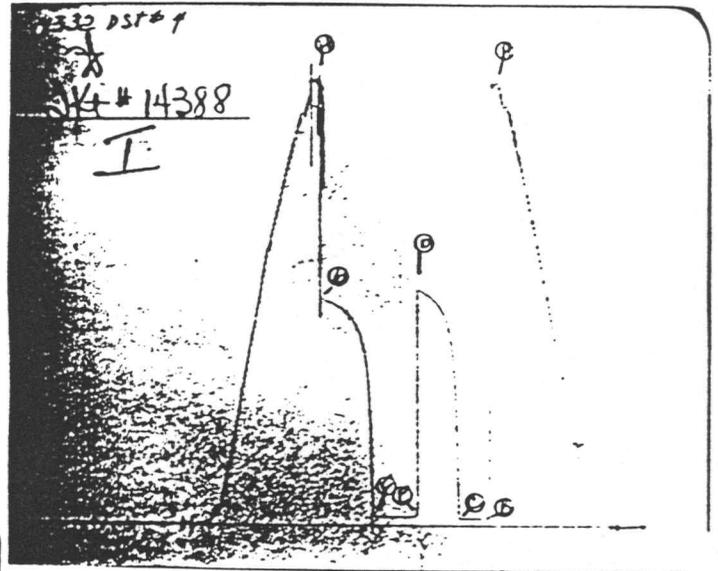
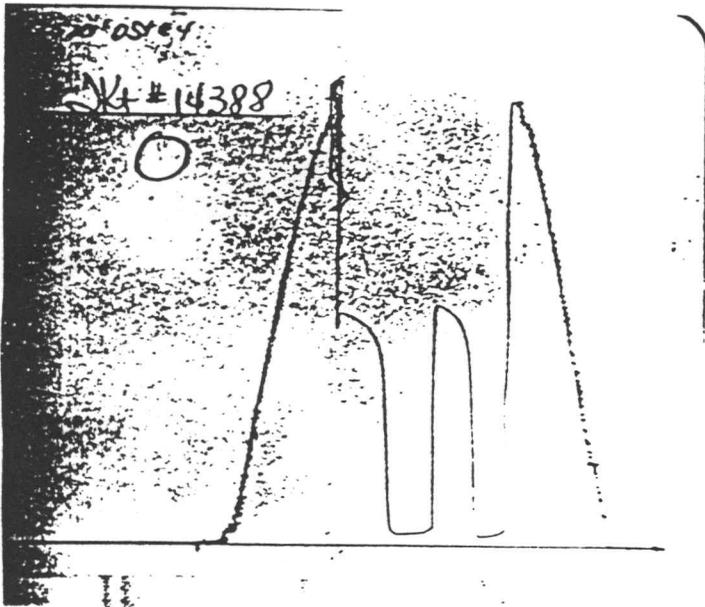
Total Barrels Fluid = 0.07
Total Fluid Prod Rate = 1.42 BFPD
Indicated Wtr Rate = 0.14 BWPD

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

SET PACKER(S) : 7:00 AM
WELL TEMPERATURE : 154
INITIAL HYDROSTATIC PRESSURE
INITIAL FLOW PERIOD MIN: 30
INITIAL CLOSED IN PERIOD MIN: 51
FINAL FLOW PERIOD MIN: 45
FINAL CLOSED IN PERIOD MIN: 60
FINAL HYDROSTATIC PRESSURE

TIME STARTED OFF BOTTOM : 10:00 AM

(A) 3506
(B) 53 PSI TO (C) : 53
(D) 1866
(E) 67 PSI TO (F) : 69
(G) 1796
(H) 3506



WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : McCOY PETROLEUM CORP.
RIG : STEVENS-KANSAS
FIELD : RATCLIFF
WELL : #1-8
DATE : 8-29-88
GAUGE NO : 4332

OPERATIONAL COMMENTS

COMPANY : McCOY PETROLEUM CORP.
 WELL : #1-8
 GAUGE # : 4332
 DATE : 29/ 8/88

FIELD : RATCLIFF
 JOB # : 14388
 DEPTH : 6455
 TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P $P_i - P(i-1)$
INITIAL FLOW					
2	7: 0: 0	0.000	53.000	154.00	0.000
3	7: 4: 59	0.083	53.000	154.00	0.000
4	7: 10: 0	0.167	53.000	154.00	0.000
5	7: 15: 0	0.250	53.000	154.00	0.000
6	7: 19: 59	0.333	53.000	154.00	0.000
7	7: 25: 0	0.417	53.000	154.00	0.000
8	7: 30: 0	0.500	53.000	154.00	0.000
INITIAL SHUT-IN					
9	7: 33: 0	0.550	134.000	154.00	81.000
10	7: 36: 0	0.600	629.000	154.00	495.000
11	7: 39: 0	0.650	1011.000	154.00	382.000
12	7: 42: 0	0.700	1255.000	154.00	244.000
13	7: 45: 0	0.750	1416.000	154.00	161.000
14	7: 48: 0	0.800	1534.000	154.00	118.000
15	7: 51: 0	0.850	1611.000	154.00	77.000
16	7: 54: 0	0.900	1671.000	154.00	60.000
17	7: 57: 0	0.950	1712.000	154.00	41.000
18	8: 0: 0	1.000	1746.000	154.00	34.000
19	8: 2: 59	1.050	1772.000	154.00	26.000
20	8: 6: 0	1.100	1796.000	154.00	24.000
21	8: 9: 0	1.150	1810.000	154.00	14.000
22	8: 12: 0	1.200	1826.000	154.00	16.000
23	8: 15: 0	1.250	1843.000	154.00	17.000
24	8: 18: 0	1.300	1855.000	154.00	12.000
25	8: 21: 0	1.350	1866.000	154.00	11.000
FINAL FLOW					
26	8: 22: 0	1.367	67.000	154.00	-1799.000
27	8: 25: 59	1.433	67.000	154.00	0.000
28	8: 31: 0	1.517	67.000	154.00	0.000
29	8: 36: 0	1.600	67.000	154.00	0.000
30	8: 40: 59	1.683	67.000	154.00	0.000
31	8: 46: 0	1.767	67.000	154.00	0.000
32	8: 51: 0	1.850	69.000	154.00	2.000
33	8: 55: 59	1.933	69.000	154.00	0.000
34	9: 1: 0	2.017	69.000	154.00	0.000
35	9: 5: 59	2.100	69.000	154.00	0.000
FINAL SHUT-IN					
36	9: 8: 59	2.150	438.000	154.00	369.000
37	9: 11: 59	2.200	898.000	154.00	460.000
38	9: 15: 0	2.250	1161.000	154.00	263.000
39	9: 18: 0	2.300	1319.000	154.00	158.000
40	9: 21: 0	2.350	1422.000	154.00	103.000
41	9: 23: 59	2.400	1513.000	154.00	91.000
42	9: 26: 59	2.450	1551.000	154.00	38.000
43	9: 30: 0	2.500	1596.000	154.00	45.000
44	9: 33: 0	2.550	1632.000	154.00	36.000
45	9: 36: 0	2.600	1656.000	154.00	24.000
46	9: 38: 59	2.650	1679.000	154.00	23.000
47	9: 41: 59	2.700	1703.000	154.00	24.000
48	9: 45: 0	2.750	1720.000	154.00	17.000

COMPANY : McCOY PETROLEUM CORP.
WELL : #1-8
GAUGE # : 4332
DATE : 29/ 8/88

FIELD : RATCLIFF
JOB # : 14388
DEPTH : 6455
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
49	9:48: 0	2.800	1733.000	154.00	13.000
50	9:51: 0	2.850	1745.000	154.00	12.000
51	9:53:59	2.900	1757.000	154.00	12.000
52	9:56:59	2.950	1769.000	154.00	12.000
53	10: 0: 0	3.000	1779.000	154.00	10.000
54	10: 3: 0	3.050	1789.000	154.00	10.000
55	10: 6: 0	3.100	1796.000	154.00	7.000

WESTERN TESTING CO. INC.