FORMATION TEST REPORT

WESTERN TESTERS

Home Office: Wichita, Kansas 67201

P.O. Box 1599 Phone (316) 262-5861

COMPANY McCOY PETROLEUM CORP. LEASE & WELL NO. #1 ECK SEC. 22 TWP. 32S RGE. 10W TEST NO. 1 DATE 4-12-87

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	: 4-12-87	TICKET	: 12163
CUSTOMER	: McCOY PETROLEUM CORP.	LEASE	: ECK
WELL	: #1 TEST: 1	GEOLOGIST	: K. McCOY
ELEVATION	:	FORMATION	: MISSISSIPPI
SECTION	: 22	TOWNSHIP	: 32S
RANGE	: 10W COUNTY : BARBER	STATE	: KS
GAUGE SN#	: 3086 RANGE : 4500	CLOCK	: 12

INTERVAL FROM : 4360 TO : 4375 TOTAL DEPTH : 4375
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 4355 SIZE : 6.63
PACKER DEPTH : 4360 SIZE : 6.63
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON.	: ALLEN #2		
MUD TYPE	: CHEMICAL	VISCOSITY	: 55
WEIGHT	: 9.3	WATER LOSS (CC)	: 8.0
CHLORIDES (PPM)	: 5000		
JARS-MAKE	:	SERIAL NUMBER	:
DID WELL FLOW ?	: YES	REVERSED OUT ?	: NO

DRILL COLLAR LENGTH	: 0	FT	I.D. inch	:	0.00
WEIGHT PIPE LENGTH	: 0	FT	I.D. inch	:	0.00
DRILL PIPE LENGTH	: 4336	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	: 24	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	: 15	FT	ANCHOR SIZE	:	5.50
SURFACE CHOKE SIZE	: .75	IN	BOTTOM CHOKE SIZE	:	.75
MAIN HOLE SIZE	: 7.875	IN	TOOL JOINT SIZE	:	4.5FH

BLOW COMMENT #1 : STRONG BLOW THROUGHOUT TEST.
BLOW COMMENT #2 : GAS TO SURFACE IN ONE MIN. ON FINAL
BLOW COMMENT #3 : FLOW PERIOD.
BLOW COMMENT #4 :

RECOVERED : 85 FT OF: OIL CUT MUD 10% OIL

Total Barrels Fluid = 1.19
Total Fluid Prod Rate = 19.08 BFPD
Indicated Oil Rate = 1.91 BOPD

REMARK 1 :
REMARK 2 : SEE ATTACHED SHEET FOR GAS MEASUREMENTS.
REMARK 3 :
REMARK 4 :

SET PACKER(S) : 1:00 PM TIME STARTED OFF BOTTOM : 4:15 PM
WELL TEMPERATURE : 119

INITIAL HYDROSTATIC PRESSURE			(A)	2202		
INITIAL FLOW PERIOD	MIN:	30	(B)	40	PSI TO (C) :	40
INITIAL CLOSED IN PERIOD	MIN:	51	(D)	1310		
FINAL FLOW PERIOD	MIN:	60	(E)	44	PSI TO (F) :	44
FINAL CLOSED IN PERIOD	MIN:	63	(G)	1307		
FINAL HYDROSTATIC PRESSURE			(H)	2160		

GAS FLOW REPORT

Date : 4-12-87
Ticket # : 12163
Customer : McCOY PETROLEUM CORP.
Lease : ECK
Well : #1
Test : 1
Geologist : K. McCOY
Elevation (KB) :
Formation : MISSISSIPPI
Section : 22
Township : 32S
Range : 10W
County : BARBER
State : KS
Gauge SN # : 3086
Range : 4500
Clock : 12

TIME GAUGE (MIN)	TESTER TYPE	ORFICE SIZE	PRESSURE (PSI)	FLOW DESCRIPTION

PRE FLOW
========

GAS TO SURFACE IN ONE MINUTE ON SECOND FLOW PERIOD

SECOND FLOW
==========

5 MIN.	MERLA	1"	5"H20	57700 CFPD
10 MIN.	MERLA	1/2"	10"H20	19900 CFPD
20 MIN.	MERLA	1/2"	12"H20	21900 CFPD
30 MIN.	MERLA	1/2"	13"H20	22800 CFPD
40 MIN.	MERLA	1/2"	15"H20	24500 CFPD
50 MIN.	MERLA	1/2"	15"H20	24500 CFPD
60 MIN.	MERLA	1/2"	16"H20	25100 CFPD

Gas Bottle SN # : 410
Date Bottle Filled : 4-12-87
Date to be Invoiced : 4-12-87

WESTERN TESTING CO. INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY	: McCOY PETROLEUM CORP.
RIG	: BARBER-KS
FIELD	: ECK
WELL	: #1
DATE	: 4-12-87
GAUGE NO	: 3086

OPERATIONAL COMMENTS

SEE ATTACHED SHEET FOR GAS MEASUREMENTS.

COMPANY : McCOY PETROLEUM CORP.
WELL : #1
GAUGE # : 3086
DATE : 12/ 4/87

FIELD : ECK
JOB # : 12163
DEPTH : 4375
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: 0: 0	0.000	40.000	119.00	0.000
2	1: 4:59	0.083	40.000	119.00	0.000
3	1:10: 0	0.167	40.000	119.00	0.000
4	1:15: 0	0.250	40.000	119.00	0.000
5	1:19:59	0.333	40.000	119.00	0.000
6	1:25: 0	0.417	40.000	119.00	0.000
7	1:30: 0	0.500	40.000	119.00	0.000
8	1:33: 0	0.550	241.000	119.00	201.000
9	1:36: 0	0.600	440.000	119.00	199.000
10	1:39: 0	0.650	602.000	119.00	162.000
11	1:42: 0	0.700	736.000	119.00	134.000
12	1:45: 0	0.750	852.000	119.00	116.000
13	1:48: 0	0.800	953.000	119.00	101.000
14	1:51: 0	0.850	1032.000	119.00	79.000
15	1:54: 0	0.900	1092.000	119.00	60.000
16	1:57: 0	0.950	1144.000	119.00	52.000
17	2: 0: 0	1.000	1181.000	119.00	37.000
18	2: 2:59	1.050	1217.000	119.00	36.000
19	2: 6: 0	1.100	1244.000	119.00	27.000
20	2: 9: 0	1.150	1264.000	119.00	20.000
21	2:12: 0	1.200	1279.000	119.00	15.000
22	2:15: 0	1.250	1293.000	119.00	14.000
23	2:18: 0	1.300	1302.000	119.00	9.000
24	2:21: 0	1.350	1310.000	119.00	8.000
25	2:22: 0	1.367	44.000	119.00	-1266.000
26	2:25:59	1.433	44.000	119.00	0.000
27	2:31: 0	1.517	44.000	119.00	0.000
28	2:36: 0	1.600	44.000	119.00	0.000
29	2:40:59	1.683	44.000	119.00	0.000
30	2:46: 0	1.767	44.000	119.00	0.000
31	2:51: 0	1.850	44.000	119.00	0.000
32	2:55:59	1.933	44.000	119.00	0.000
33	3: 1: 0	2.017	44.000	119.00	0.000
34	3: 5:59	2.100	44.000	119.00	0.000
35	3:10:59	2.183	44.000	119.00	0.000
36	3:16: 0	2.267	44.000	119.00	0.000
37	3:21: 0	2.350	44.000	119.00	0.000
38	3:23:59	2.400	189.000	119.00	145.000
39	3:26:59	2.450	373.000	119.00	184.000
40	3:30: 0	2.500	624.000	119.00	251.000
41	3:33: 0	2.550	750.000	119.00	126.000
42	3:36: 0	2.600	864.000	119.00	114.000
43	3:38:59	2.650	970.000	119.00	106.000
44	3:41:59	2.700	1041.000	119.00	71.000
45	3:45: 0	2.750	1090.000	119.00	49.000
46	3:48: 0	2.800	1131.000	119.00	41.000
47	3:51: 0	2.850	1166.000	119.00	35.000
48	3:53:59	2.900	1193.000	119.00	27.000
49	3:56:59	2.950	1211.000	119.00	18.000
50	4: 0: 0	3.000	1231.000	119.00	20.000
51	4: 3: 0	3.050	1248.000	119.00	-17.000
52	4: 6: 0	3.100	1262.000	119.00	14.000

COMPANY : McCOY PETROLEUM CORP.
WELL : #1
GAUGE # : 3086
DATE : 12/ 4/87

FIELD : ECK
JOB # : 12163
DEPTH : 4375'
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: 8:59	3.150	1273.000	119.00	11.000
54	4:11:59	3.200	1282.000	119.00	9.000
55	4:15: 0	3.250	1287.000	119.00	5.000
56	4:18: 0	3.300	1295.000	119.00	8.000
57	4:21: 0	3.350	1300.000	119.00	5.000
58	4:23:59	3.400	1307.000	119.00	7.000

WESTERN TESTING CO. INC.

TK#12163

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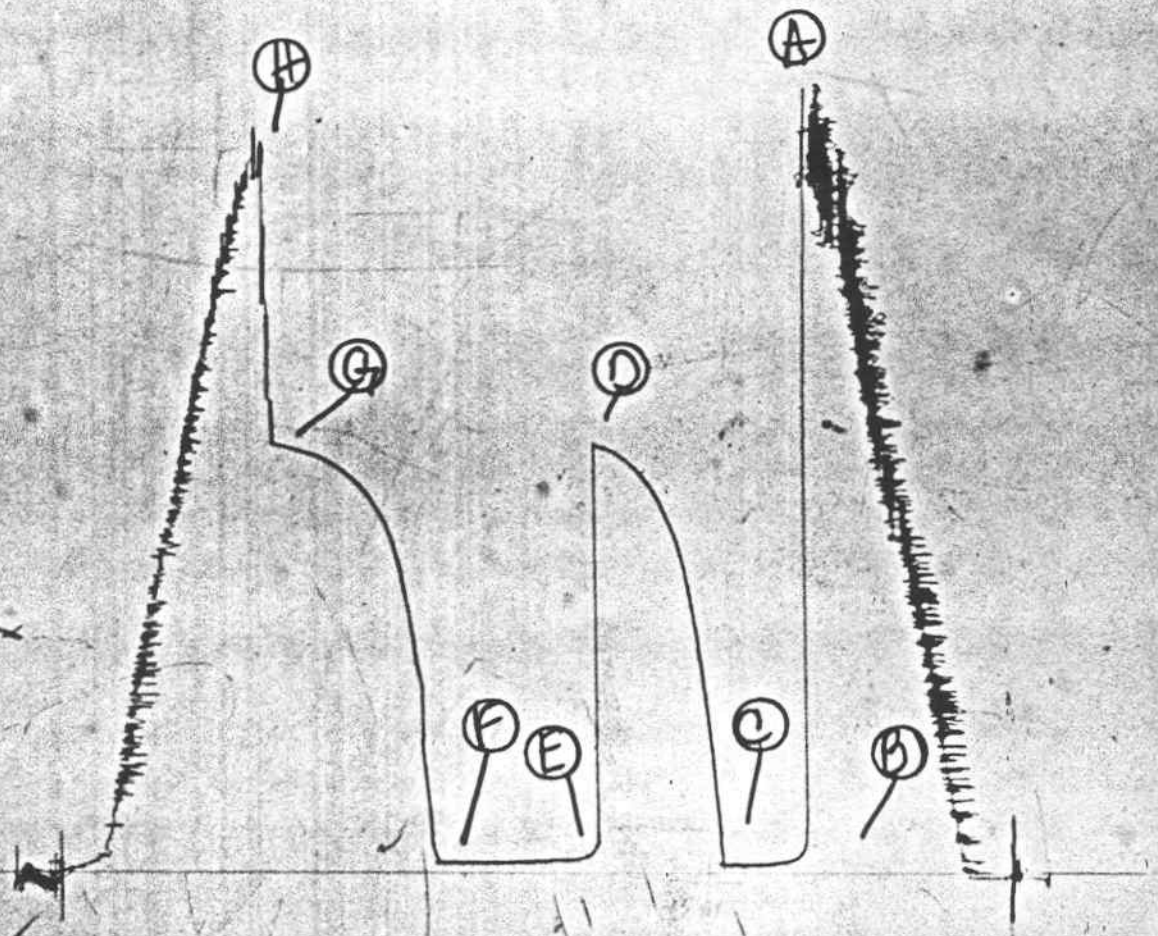

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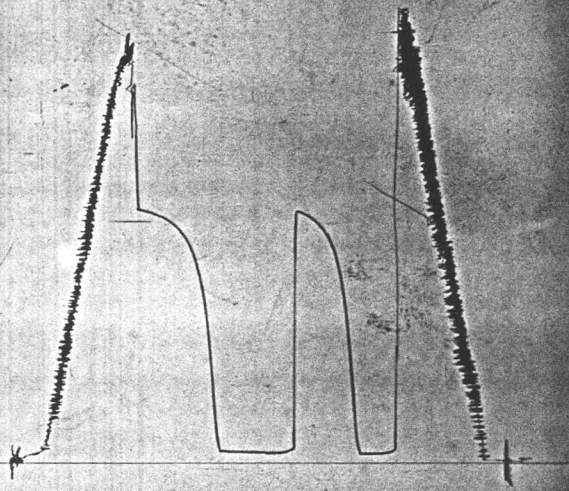

FORMATION TEST REPORT

WESTERN TESTERS

Home Office: Wichita, Kansas 67201

P.O. Box 1599 Phone (316) 262-5861

COMPANY McCOY PETROLEUM CORPORATION LEASE & WELL NO. #1 ECK SEC. 22 TWP. 32 RGE. 10W TEST NO. 2 DATE 4-13-87

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	: 4-13-87	TICKET	: 12164
CUSTOMER	: McCOY PETROLEUM CORP.	LEASE	: ECK
WELL	: #1 TEST: 2	GEOLOGIST	: K. McCOY
ELEVATION	:	FORMATION	: MISSISSIPPI
SECTION	: 22	TOWNSHIP	: 32S
RANGE	: 10W COUNTY : MISSISSIPPI	STATE	: KS
GAUGE SN#	: 3086 RANGE : 4500	CLOCK	: 12

INTERVAL FROM : 4375 TO : 4390 TOTAL DEPTH : 4390
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 4370 SIZE : 6.63
PACKER DEPTH : 4375 SIZE : 6.63
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON.	: ALLEN #2		
MUD TYPE	: CHEMICAL	VISCOSITY	: 55
WEIGHT	: 9.3	WATER LOSS (CC)	: 8.0
CHLORIDES (PPM)	: 5000		
JARS-MAKE	:	SERIAL NUMBER	:
DID WELL FLOW ?	: NO	REVERSED OUT ?	: NO

DRILL COLLAR LENGTH	: 0	FT	I.D. inch	: 0.00
WEIGHT PIPE LENGTH	: 0	FT	I.D. inch	: 0.00
DRILL PIPE LENGTH	: 4351	FT	I.D. inch	: 3.80
TEST TOOL LENGTH	: 24	FT	TOOL SIZE	: 5.50
ANCHOR LENGTH	: 15	FT	ANCHOR SIZE	: 5.50
SURFACE CHOKE SIZE	: .75	IN	BOTTOM CHOKE SIZE	: .75
MAIN HOLE SIZE	: 7.875	IN	TOOL JOINT SIZE	: 4.5FH

BLOW COMMENT #1 : STRONG BLOW THROUGHOUT TEST.
BLOW COMMENT #2 :
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED	:	30	FT	OF: OIL & GAS CUT MUD 20%OIL
RECOVERED	:	60	FT	OF: OIL & GAS CUT WATERY MUD
RECOVERED	:	0	FT	OF: 20% OIL 30% WATER

Total Barrels Fluid	=	1.26	
Total Fluid Prod Rate	=	20.20	BFPD
Indicated Oil Rate	=	4.04	BOPD
Indicated Wtr Rate	=	4.04	BWPD
Corrected Oil Rate	=	9.58	BOPD
Corrected Wtr Rate	=	9.58	BWPD

REMARK 1 :
REMARK 2 : CHLORIDES 40000 PPPM
REMARK 3 :
REMARK 4 :

SET PACKER(S) : 12:15 AM TIME STARTED OFF BOTTOM : 3:30 AM
WELL TEMPERATURE : 119

INITIAL HYDROSTATIC PRESSURE			(A)	2239		
INITIAL FLOW PERIOD	MIN:	30	(B)	55	PSI TO (C) :	55
INITIAL CLOSED IN PERIOD	MIN:	51	(D)	1104		
FINAL FLOW PERIOD	MIN:	60	(E)	71	PSI TO (F) :	71
FINAL CLOSED IN PERIOD	MIN:	63	(G)	1096		
FINAL HYDROSTATIC PRESSURE			(H)	2165		

WESTERN TESTING CO. INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY	:	McCOY PETROLEUM CORP.
RIG	:	MISSISSIPPI-KS
FIELD	:	ECK
WELL	:	#1
DATE	:	4-13-87
GAUGE NO	:	3086

OPERATIONAL COMMENTS

CHLORIDES 40000 PPPM

COMPANY : McCOY PETROLEUM CORP.
WELL : #1
GAUGE # : 3086
DATE : 13/ 4/87

FIELD : ECK
JOB # : 12164
DEPTH : 4390
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	12:15: 0	0.000	55.000	119.00	0.000
2	12:19:59	0.083	55.000	119.00	0.000
3	12:25: 0	0.167	55.000	119.00	0.000
4	12:30: 0	0.250	55.000	119.00	0.000
5	12:34:59	0.333	55.000	119.00	0.000
6	12:40: 0	0.417	55.000	119.00	0.000
7	12:45: 0	0.500	55.000	119.00	0.000
8	12:48: 0	0.550	55.000	119.00	0.000
9	12:51: 0	0.600	129.000	119.00	74.000
10	12:54: 0	0.650	217.000	119.00	88.000
11	12:57: 0	0.700	321.000	119.00	104.000
12	13: 0: 0	0.750	442.000	119.00	121.000
13	13: 3: 0	0.800	563.000	119.00	121.000
14	13: 6: 0	0.850	657.000	119.00	94.000
15	13: 9: 0	0.900	738.000	119.00	81.000
16	13:12: 0	0.950	808.000	119.00	70.000
17	13:15: 0	1.000	870.000	119.00	62.000
18	13:18: 0	1.050	923.000	119.00	53.000
19	13:21: 0	1.100	969.000	119.00	46.000
20	13:24: 0	1.150	1001.000	119.00	32.000
21	13:27: 0	1.200	1034.000	119.00	33.000
22	13:30: 0	1.250	1062.000	119.00	28.000
23	13:33: 0	1.300	1088.000	119.00	26.000
24	13:36: 0	1.350	1104.000	119.00	16.000
25	13:37: 0	1.367	71.000	119.00	-1033.000
26	13:40:59	1.433	71.000	119.00	0.000
27	13:46: 0	1.517	71.000	119.00	0.000
28	13:51: 0	1.600	71.000	119.00	0.000
29	13:55:59	1.683	71.000	119.00	0.000
30	14: 1: 0	1.767	71.000	119.00	0.000
31	14: 6: 0	1.850	71.000	119.00	0.000
32	14:10:59	1.933	71.000	119.00	0.000
33	14:16: 0	2.017	71.000	119.00	0.000
34	14:21: 0	2.100	71.000	119.00	0.000
35	14:25:59	2.183	71.000	119.00	0.000
36	14:31: 0	2.267	71.000	119.00	0.000
37	14:36: 0	2.350	71.000	119.00	0.000
38	14:38:59	2.400	141.000	119.00	70.000
39	14:41:59	2.450	267.000	119.00	126.000
40	14:45: 0	2.500	389.000	119.00	122.000
41	14:48: 0	2.550	490.000	119.00	101.000
42	14:51: 0	2.600	577.000	119.00	87.000
43	14:53:59	2.650	658.000	119.00	81.000
44	14:56:59	2.700	727.000	119.00	69.000
45	15: 0: 0	2.750	780.000	119.00	53.000
46	15: 3: 0	2.800	824.000	119.00	44.000
47	15: 6: 0	2.850	862.000	119.00	38.000
48	15: 8:59	2.900	900.000	119.00	38.000
49	15:11:59	2.950	935.000	119.00	35.000
50	15:15: 0	3.000	960.000	119.00	25.000
51	15:18: 0	3.050	985.000	119.00	25.000
52	15:21: 0	3.100	1004.000	119.00	19.000

COMPANY : McCOY PETROLEUM CORP.
WELL : #1
GAUGE # : 3086
DATE : 13/ 4/87

FIELD : ECK
JOB # : 12164
DEPTH : 4390
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	15:23:59	3.150	1023.000	119.00	19.000
54	15:26:59	3.200	1043.000	119.00	20.000
55	15:30: 0	3.250	1058.000	119.00	15.000
56	15:33: 0	3.300	1074.000	119.00	16.000
57	15:36: 0	3.350	1088.000	119.00	14.000
58	15:38:59	3.400	1096.000	119.00	8.000

WESTERN TESTING CO. INC.

TK#12164

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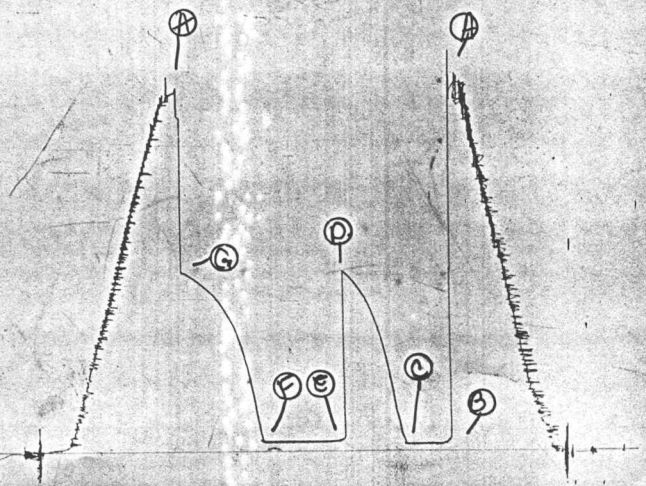

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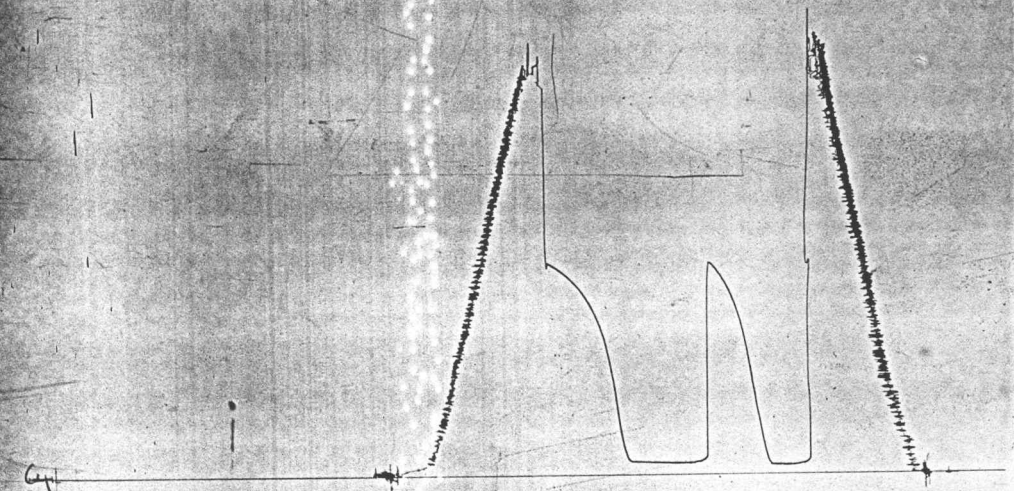

COMPANY MCCOY PETROLEUM CORPORATION LEASE & WELL NO. #1 ECK SEC. 22 TWP. 32S RGE. 10W TEST NO. 3 DATE 4/13/87

FORMATION TEST REPORT

WESTERN TESTERS

Home Office: Wichita, Kansas 67201

P.O. Box 1599 Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	: 04/13/87	TICKET	: 12165
CUSTOMER	: MC COY PETROLEUM CORPORATION	LEASE	: ECK
WELL	: #1 TEST: 3	GEOLOGIST	: MC COY
ELEVATION	: NA	FORMATION	: MISSISSIPPIAN
SECTION	: 22	TOWNSHIP	: 32
RANGE	: 10W COUNTY : BARBER	STATE	: KS
GAUGE SN#	: 3086 RANGE : 4500	CLOCK	: 12

INTERVAL FROM : 4390 TO : 4405 TOTAL DEPTH : 4405
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 4385 SIZE : 6.63
PACKER DEPTH : 4390 SIZE : 6.63
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : ALLEN DRLG RIG 2
MUD TYPE : CHEMICAL VISCOSITY : 56
WEIGHT : 9.3 WATER LOSS (CC) : 8.0
CHLORIDES (PPM) : 7500
JARS-MAKE : SERIAL NUMBER :
DID WELL FLOW ? : NO REVERSED OUT ? : NO

DRILL COLLAR LENGTH	: 0	FT	I.D. inch	:	0.00
WEIGHT PIPE LENGTH	: 0	FT	I.D. inch	:	0.00
DRILL PIPE LENGTH	: 4366	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	: 24	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	: 15	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 FH

BLOW COMMENT #1 : STRONG BLOW THROUGHOUT BOTH FLOW PERIODS.
BLOW COMMENT #2 :
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 50 FT OF: SLIGHTLY OIL CUT MUD (5% OIL).

Total Barrels Fluid	=	0.70
Total Fluid Prod Rate	=	11.22 BFPD
Indicated Oil Rate	=	0.56 BOPD
Corrected Oil Rate	=	13.18 BOPD

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

SET PACKER(S) : 12:30 PM TIME STARTED OFF BOTTOM : 3:45 PM
WELL TEMPERATURE : 120

INITIAL HYDROSTATIC PRESSURE			(A)	2208		
INITIAL FLOW PERIOD	MIN:	30	(B)	47	PSI TO (C) :	47
INITIAL CLOSED IN PERIOD	MIN:	45	(D)	773		
FINAL FLOW PERIOD	MIN:	60	(E)	69	PSI TO (F) :	69
FINAL CLOSED IN PERIOD	MIN:	60	(G)	808		
FINAL HYDROSTATIC PRESSURE			(H)	2176		

WESTERN TESTING CO. INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY	:	MC COY PETROLEUM CORPORATION
RIG	:	BARBER-KS
FIELD	:	ECK
WELL	:	#1
DATE	:	04/13/87
GAUGE NO	:	3086

OPERATIONAL COMMENTS

COMPANY : MC COY PETROLEUM CORPORATION
WELL : #1
GAUGE # : 3086
DATE : 13/ 4/87

FIELD : ECK
JOB # : 12165
DEPTH : 4405
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	12:30: 0	0.000	47.000	120.00	0.000
2	12:34:59	0.083	47.000	120.00	0.000
3	12:40: 0	0.167	47.000	120.00	0.000
4	12:45: 0	0.250	47.000	120.00	0.000
5	12:49:59	0.333	47.000	120.00	0.000
6	12:55: 0	0.417	47.000	120.00	0.000
7	13: 0: 0	0.500	47.000	120.00	0.000
8	13: 3: 0	0.550	50.000	120.00	3.000
9	13: 6: 0	0.600	51.000	120.00	1.000
10	13: 9: 0	0.650	56.000	120.00	5.000
11	13:12: 0	0.700	72.000	120.00	16.000
12	13:15: 0	0.750	102.000	120.00	30.000
13	13:18: 0	0.800	148.000	120.00	46.000
14	13:21: 0	0.850	197.000	120.00	49.000
15	13:24: 0	0.900	262.000	120.00	65.000
16	13:27: 0	0.950	332.000	120.00	70.000
17	13:30: 0	1.000	405.000	120.00	73.000
18	13:33: 0	1.050	482.000	120.00	77.000
19	13:36: 0	1.100	560.000	120.00	78.000
20	13:39: 0	1.150	629.000	120.00	69.000
21	13:42: 0	1.200	699.000	120.00	70.000
22	13:45: 0	1.250	773.000	120.00	74.000
23	13:46: 0	1.267	69.000	120.00	-704.000
24	13:49:59	1.333	69.000	120.00	0.000
25	13:55: 0	1.417	69.000	120.00	0.000
26	14: 0: 0	1.500	69.000	120.00	0.000
27	14: 4:59	1.583	69.000	120.00	0.000
28	14:10: 0	1.667	69.000	120.00	0.000
29	14:15: 0	1.750	69.000	120.00	0.000
30	14:19:59	1.833	69.000	120.00	0.000
31	14:25: 0	1.917	69.000	120.00	0.000
32	14:30: 0	2.000	69.000	120.00	0.000
33	14:34:59	2.083	69.000	120.00	0.000
34	14:40: 0	2.167	69.000	120.00	0.000
35	14:45: 0	2.250	69.000	120.00	0.000
36	14:48: 0	2.300	69.000	120.00	0.000
37	14:51: 0	2.350	71.000	120.00	2.000
38	14:54: 0	2.400	77.000	120.00	6.000
39	14:57: 0	2.450	84.000	120.00	7.000
40	15: 0: 0	2.500	107.000	120.00	23.000
41	15: 3: 0	2.550	137.000	120.00	30.000
42	15: 6: 0	2.600	177.000	120.00	40.000
43	15: 9: 0	2.650	217.000	120.00	40.000
44	15:12: 0	2.700	270.000	120.00	53.000
45	15:15: 0	2.750	325.000	120.00	55.000
46	15:18: 0	2.800	381.000	120.00	56.000
47	15:21: 0	2.850	436.000	120.00	55.000
48	15:24: 0	2.900	501.000	120.00	65.000
49	15:27: 0	2.950	558.000	120.00	57.000
50	15:30: 0	3.000	613.000	120.00	55.000
51	15:33: 0	3.050	655.000	120.00	42.000
52	15:36: 0	3.100	701.000	120.00	46.000

COMPANY : MC COY PETROLEUM CORPORATION
WELL : #1
GAUGE # : 3086
DATE : 13/ 4/87

FIELD : ECK
JOB # : 12165
DEPTH : 4405
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	15:39: 0	3.150	743.000	120.00	42.000
54	15:42: 0	3.200	780.000	120.00	37.000
55	15:45: 0	3.250	808.000	120.00	28.000

WESTERN TESTING CO. INC.

TK# 12165

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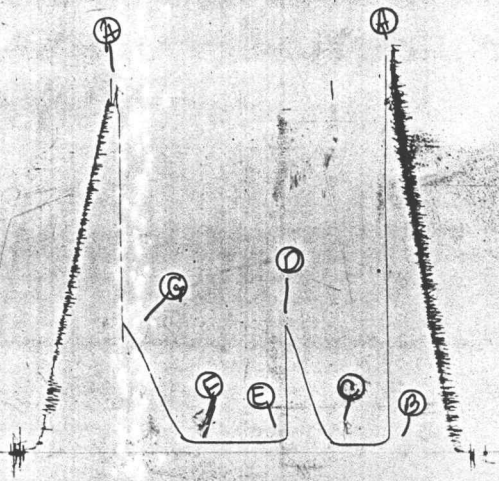

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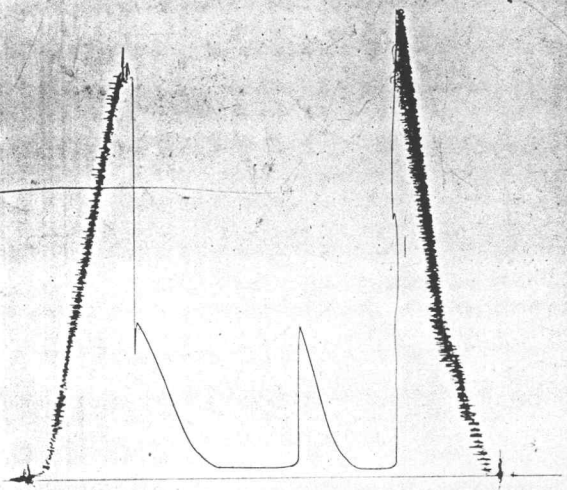

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COMPANY McCOY PETROLEUM CORPORATION LEASE & WELL NO. Eck #1 SEC. 22 TWP. 32S RGE. 10W TEST NO. 4 DATE 4-14-87

FORMATION TEST REPORT

WESTERN TESTERS

Home Office: Wichita, Kansas 67201

P.O. Box 1599 Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	: 4-14-87	TICKET	: 12166
CUSTOMER	: McCOY PETROLEUM CORP.	LEASE	: ECK
WELL	: #1 TEST: 4	GEOLOGIST	: K. McCOY
ELEVATION	:	FORMATION	: MISSISSIPPI
SECTION	: 22	TOWNSHIP	: 32S
RANGE	: 10W COUNTY : BARBER	STATE	: KS
GAUGE SN#	: 3086 RANGE : 4500	CLOCK	: 12

INTERVAL FROM : 4420 TO : 4435 TOTAL DEPTH : 4435

DEPTH OF SELECTIVE ZONE :

PACKER DEPTH	: 4415	SIZE :	6.63
PACKER DEPTH	: 4420	SIZE :	6.63
PACKER DEPTH	:	SIZE :	
PACKER DEPTH	:	SIZE :	

DRILLING CON.	: ALLEN #2		
MUD TYPE	: CHEMICAL	VISCOSITY	: 56
WEIGHT	: 9.3	WATER LOSS (CC)	: 8.0
CHLORIDES (PPM)	: 7500		
JARS-MAKE	:	SERIAL NUMBER	:
DID WELL FLOW ?	:	REVERSED OUT ?	:

DRILL COLLAR LENGTH	: 0	FT	I.D. inch	:	0.00
WEIGHT PIPE LENGTH	: 0	FT	I.D. inch	:	0.00
DRILL PIPE LENGTH	: 4396	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	: 24	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	: 15	FT	ANCHOR SIZE	:	5.50
SURFACE CHOKE SIZE	: .75	IN	BOTTOM CHOKE SIZE	:	.75
MAIN HOLE SIZE	: 7.875	IN	TOOL JOINT SIZE	:	4.5FH

BLOW COMMENT #1 : STRONG BLOW THROUGHOUT TEST.
BLOW COMMENT #2 :
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED	:	70	FT	OF: SLI OIL CUT MUD (SPECKS OF OIL)
RECOVERED	:	60	FT	OF: WATERY MUD
RECOVERED	:	300	FT	OF: SALT WATER

Total Barrels Fluid = 6.03
Total Fluid Prod Rate = 96.50 BFPD
Indicated Wtr Rate = 80.79 BWPD

REMARK 1 :
REMARK 2 : CHLORIDES 134000 PPM
REMARK 3 :
REMARK 4 :

SET PACKER(S) : 3:00 AM TIME STARTED OFF BOTTOM : 6:15 AM
WELL TEMPERATURE : 121

INITIAL HYDROSTATIC PRESSURE			(A)	2235		
INITIAL FLOW PERIOD	MIN:	30	(B)	73	PSI TO (C) :	83
INITIAL CLOSED IN PERIOD	MIN:	48	(D)	1353		
FINAL FLOW PERIOD	MIN:	60	(E)	153	PSI TO (F) :	206
FINAL CLOSED IN PERIOD	MIN:	63	(G)	1334		
FINAL HYDROSTATIC PRESSURE			(H)	2143		

WESTERN TESTING CO. INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY	:	McCOY PETROLEUM CORP.
RIG	:	BARBER-KS
FIELD	:	ECK
WELL	:	#1
DATE	:	4-14-87
GAUGE NO	:	3086

OPERATIONAL COMMENTS

CHLORIDES 134000 PPM

COMPANY : McCOY PETROLEUM CORP.
WELL : #1
GAUGE # : 3086
DATE : 14/ 4/87

FIELD : ECK
JOB # : 12166
DEPTH : 4435
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	3: 0: 0	0.000	73.000	121.00	0.000
2	3: 4:59	0.083	73.000	121.00	0.000
3	3:10: 0	0.167	73.000	121.00	0.000
4	3:15: 0	0.250	73.000	121.00	0.000
5	3:19:59	0.333	73.000	121.00	0.000
6	3:25: 0	0.417	78.000	121.00	5.000
7	3:30: 0	0.500	83.000	121.00	5.000
8	3:33: 0	0.550	659.000	121.00	576.000
9	3:36: 0	0.600	918.000	121.00	259.000
10	3:39: 0	0.650	1103.000	121.00	185.000
11	3:42: 0	0.700	1176.000	121.00	73.000
12	3:45: 0	0.750	1212.000	121.00	36.000
13	3:48: 0	0.800	1251.000	121.00	39.000
14	3:51: 0	0.850	1271.000	121.00	20.000
15	3:54: 0	0.900	1288.000	121.00	17.000
16	3:57: 0	0.950	1303.000	121.00	15.000
17	4: 0: 0	1.000	1315.000	121.00	12.000
18	4: 2:59	1.050	1323.000	121.00	8.000
19	4: 6: 0	1.100	1330.000	121.00	7.000
20	4: 9: 0	1.150	1339.000	121.00	9.000
21	4:12: 0	1.200	1343.000	121.00	4.000
22	4:15: 0	1.250	1350.000	121.00	7.000
23	4:18: 0	1.300	1353.000	121.00	3.000
24	4:19: 0	1.317	153.000	121.00	-1200.000
25	4:22:59	1.383	153.000	121.00	0.000
26	4:28: 0	1.467	153.000	121.00	0.000
27	4:33: 0	1.550	153.000	121.00	0.000
28	4:37:59	1.633	153.000	121.00	0.000
29	4:43: 0	1.717	153.000	121.00	0.000
30	4:48: 0	1.800	158.000	121.00	5.000
31	4:52:59	1.883	167.000	121.00	9.000
32	4:58: 0	1.967	174.000	121.00	7.000
33	5: 3: 0	2.050	180.000	121.00	6.000
34	5: 7:59	2.133	187.000	121.00	7.000
35	5:13: 0	2.217	196.000	121.00	9.000
36	5:18: 0	2.300	206.000	121.00	10.000
37	5:21: 0	2.350	710.000	121.00	504.000
38	5:23:59	2.400	945.000	121.00	235.000
39	5:27: 0	2.450	1058.000	121.00	113.000
40	5:30: 0	2.500	1122.000	121.00	64.000
41	5:33: 0	2.550	1165.000	121.00	43.000
42	5:36: 0	2.600	1195.000	121.00	30.000
43	5:38:59	2.650	1216.000	121.00	21.000
44	5:42: 0	2.700	1236.000	121.00	20.000
45	5:45: 0	2.750	1251.000	121.00	15.000
46	5:48: 0	2.800	1265.000	121.00	14.000
47	5:51: 0	2.850	1275.000	121.00	10.000
48	5:54: 0	2.900	1287.000	121.00	12.000
49	5:56:59	2.950	1296.000	121.00	9.000
50	6: 0: 0	3.000	1302.000	121.00	6.000
51	6: 3: 0	3.050	1308.000	121.00	6.000
52	6: 6: 0	3.100	1314.000	121.00	6.000

COMPANY : McCOY PETROLEUM CORP.
WELL : #1
GAUGE # : 3086
DATE : 14/ 4/87

FIELD : ECK
JOB # : 12166
DEPTH : 4435
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	6: 9: 0	3.150	1317.000	121.00	3.000
54	6:11:59	3.200	1321.000	121.00	4.000
55	6:15: 0	3.250	1328.000	121.00	7.000
56	6:18: 0	3.300	1332.000	121.00	4.000
57	6:21: 0	3.350	1334.000	121.00	2.000

WESTERN TESTING CO. INC.

Tkt# 12166

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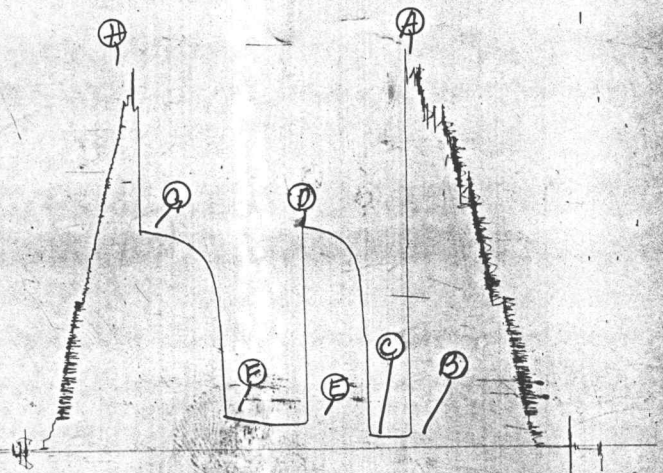

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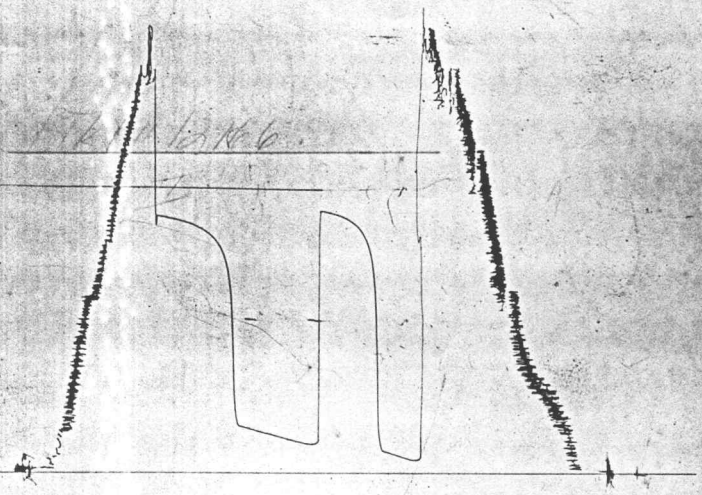


COMPANY McCOY PETROLEUM CORP. LEASE & WELL NO. #1 ECK SEC. 22 TWP. 32S RGE. 10W TEST NO. 5 DATE 4/15/87

FORMATION TEST REPORT

WESTERN TESTERS

Home Office: Wichita, Kansas 67201

P.O. Box 1599 Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	: 4-15-87	TICKET	: 13461
CUSTOMER	: MCCOY PETROLEUM CORP.	LEASE	: ECK
WELL	: #1 TEST: 5	GEOLOGIST	: K. MCCOY
ELEVATION	: 1465 KB	FORMATION	: VIOLA
SECTION	: 22	TOWNSHIP	: 32S
RANGE	: 10W COUNTY : BARBER	STATE	: KANSAS
GAUGE SN#	: 13271 RANGE : 4400	CLOCK	: 12

INTERVAL FROM : 4645 TO : 4660 TOTAL DEPTH : 4660
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 4640 SIZE : 6.63
PACKER DEPTH : 4645 SIZE : 6.63
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : ALLEN DRILLING
MUD TYPE : CHEM-MONPAC VISCOSITY : 50
WEIGHT : 9.3 WATER LOSS (CC) : 10.2
CHLORIDES (PPM) : 7500
JARS-MAKE : NO SERIAL NUMBER :
DID WELL FLOW ? : NO REVERSED OUT ? : NO

DRILL COLLAR LENGTH	: 0	FT	I.D. inch	:	0.00
WEIGHT PIPE LENGTH	: 0	FT	I.D. inch	:	0.00
DRILL PIPE LENGTH	: 4623	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	: 22	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	: 15	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 FH

BLOW COMMENT #1 : VERY WEAK BLOW-DEPLEATING ON THE INITIAL FLOW.
BLOW COMMENT #2 : NO BLOW ON THE FINAL FLOW.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 15 FT OF: DRILLING MUD

Total Barrels Fluid = 0.21
Total Fluid Prod Rate = 5.05 BFPD
Indicated Wtr Rate = 0.50 BWPD

REMARK 1 :
REMARK 2 : READ OUTSIDE CHART.
REMARK 3 :
REMARK 4 :

SET PACKER(S) : 7:30 AM TIME STARTED OFF BOTTOM : 9:30 AM
WELL TEMPERATURE : 124

INITIAL HYDROSTATIC PRESSURE			(A)	2434		
INITIAL FLOW PERIOD	MIN:	30	(B)	42	PSI TO (C) :	42
INITIAL CLOSED IN PERIOD	MIN:	30	(D)	42		
FINAL FLOW PERIOD	MIN:	30	(E)	42	PSI TO (F) :	42
FINAL CLOSED IN PERIOD	MIN:	27	(G)	42		
FINAL HYDROSTATIC PRESSURE			(H)	2361		

WESTERN TESTING CO. INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY	: MCCOY PETROLEUM CORP.
RIG	: BARBER-KANSAS
FIELD	: ECK
WELL	: #1
DATE	: 4-15-87
GAUGE NO	: 13271

OPERATIONAL COMMENTS

READ OUTSIDE CHART.

COMPANY : MCCOY PETROLEUM CORP.
WELL : #1
GAUGE # : 13271
DATE : 15/ 4/87

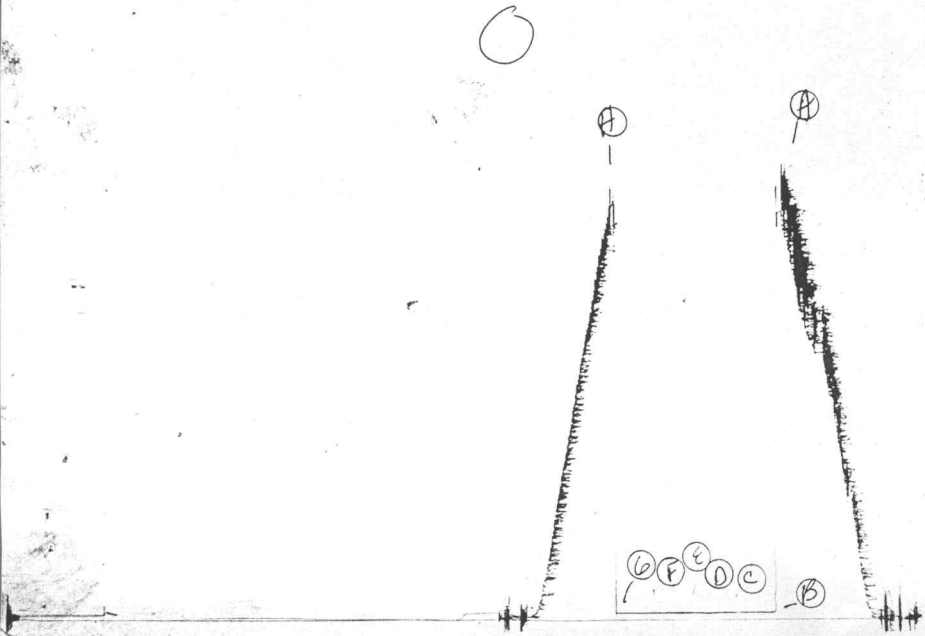
FIELD : ECK
JOB # : 13461
DEPTH : 4660
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	7:30: 0	0.000	42.000	124.00	0.000
2	7:34:59	0.083	42.000	124.00	0.000
3	7:40: 0	0.167	42.000	124.00	0.000
4	7:45: 0	0.250	42.000	124.00	0.000
5	7:49:59	0.333	42.000	124.00	0.000
6	7:55: 0	0.417	42.000	124.00	0.000
7	8: 0: 0	0.500	42.000	124.00	0.000
8	8: 3: 0	0.550	42.000	124.00	0.000
9	8: 6: 0	0.600	42.000	124.00	0.000
10	8: 9: 0	0.650	42.000	124.00	0.000
11	8:12: 0	0.700	42.000	124.00	0.000
12	8:15: 0	0.750	42.000	124.00	0.000
13	8:18: 0	0.800	42.000	124.00	0.000
14	8:21: 0	0.850	42.000	124.00	0.000
15	8:24: 0	0.900	42.000	124.00	0.000
16	8:27: 0	0.950	42.000	124.00	0.000
17	8:30: 0	1.000	42.000	124.00	0.000
18	8:31: 0	1.017	42.000	124.00	0.000
19	8:34:59	1.083	42.000	124.00	0.000
20	8:40: 0	1.167	42.000	124.00	0.000
21	8:45: 0	1.250	42.000	124.00	0.000
22	8:49:59	1.333	42.000	124.00	0.000
23	8:55: 0	1.417	42.000	124.00	0.000
24	9: 0: 0	1.500	42.000	124.00	0.000
25	9: 3: 0	1.550	42.000	124.00	0.000
26	9: 6: 0	1.600	42.000	124.00	0.000
27	9: 9: 0	1.650	42.000	124.00	0.000
28	9:12: 0	1.700	42.000	124.00	0.000
29	9:15: 0	1.750	42.000	124.00	0.000
30	9:18: 0	1.800	42.000	124.00	0.000
31	9:21: 0	1.850	42.000	124.00	0.000
32	9:24: 0	1.900	42.000	124.00	0.000
33	9:27: 0	1.950	42.000	124.00	0.000

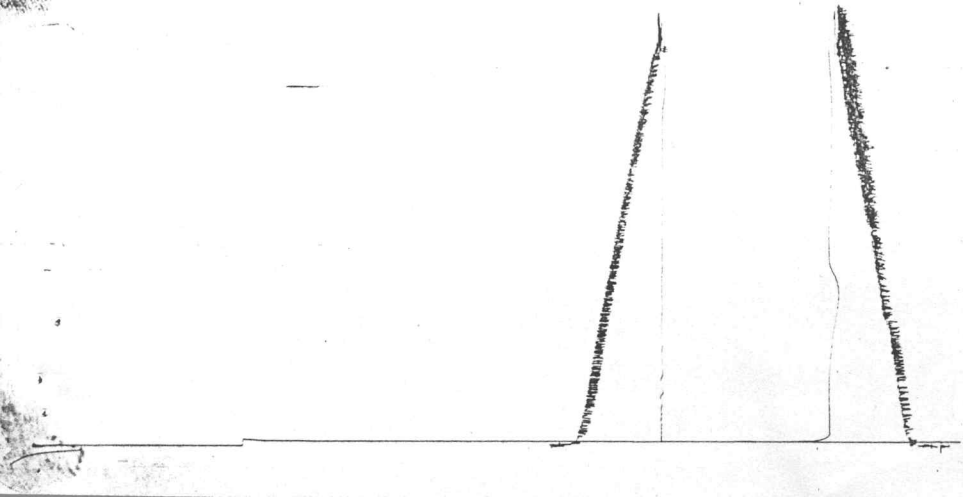
WESTERN TESTING CO. INC.

13 721 DST #5

Jkt # 13461



13251 DST #5

Ht # 13461

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