

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 10/14/83
CUSTOMER: MCCOY PETROLEUM CORPORATION
WELL: 3 TEST: 1
ELEVATION (KB): 0 FORMATION: MARMATON
SECTION: 20 TOWNSHIP: 31S
RANGE: 8W COUNTY: HARPER STATE: KANSAS
GAUGE SN #13547 RANGE: 4225 CLOCK: 12

TICKET #1786

LEASE: "B" BURGESS

GEOLOGIST: MCCANN

INTERVAL TEST FROM: 4247 FT TO: 4285 FT TOTAL DEPTH: 4285 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4242 FT SIZE: 6 5/8 IN PACKER DEPTH: 4247 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: SWEETMAN

MUD TYPE: VISCOSITY: 45
WEIGHT: 9.1 WATER LOSS (CC): 6.0

CHLORIDES (P.P.M.):

JARS - MAKE:

SERIAL NUMBER:

DID WELL FLOW? NO

REVERSED OUT? NO

DRILL COLLAR LENGTH: 270 FT I.D.: 2 1/4 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 3956 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 21 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 38 FT SIZE: 5 1/2 OD IN
SURFACE CHOKE SIZE: 3/4 IN BOTTOM CHOKE SIZE: 3/4 IN
MAIN HOLE SIZE: 7 7/8 IN TOOL JOINT SIZE: 4 1/2 FH IN

BLOW: FAIR BLOW THROUGHOUT TEST.

RECOVERED: 58 FT OF: SLIGHTLY GAS CUT MUD (SCUM OF OIL)
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 1:25 AM

TIME STARTED OFF BOTTOM: 4:40 AM

WELL TEMPERATURE: 122 °F

INITIAL HYDROSTATIC PRESSURE:

INITIAL FLOW PERIOD MIN: 25

INITIAL CLOSED IN PERIOD MIN: 45

FINAL FLOW PERIOD MIN: 55

FINAL CLOSED IN PERIOD MIN: 60

FINAL HYDROSTATIC PRESSURE

(A) 2019 PSI
(B) 49 PSI TO (C) 49 PSI
(D) 150 PSI
(E) 57 PSI TO (F) 59 PSI
(G) 243 PSI
(H) 1997 PSI

WESTERN TESTING CO. INC.
PRESSURE DATA

DATE: 10/14/83
CUSTOMER: MCCOY PETROLEUM CORPORATION
WELL: 3 TEST: 1
ELEVATION (KB): 0 FORMATION: MARMATON
SECTION: 20 TOWNSHIP: 31S
RANGE: 8W COUNTY: HARPER STATE: KANSAS
GAUGE SN #13547 RANGE: 4225 CLOCK: 12

(A) INITIAL HYDROSTATIC PRESSURE: 2019 PSI
(B) FIRST INITIAL FLOW PRESSURE: 49 PSI
(C) FIRST FINAL FLOW PRESSURE: 49 PSI
(D) INITIAL CLOSED-IN PRESSURE: 150 PSI
(E) SECOND INITIAL FLOW PRESSURE: 57 PSI
(F) SECOND FINAL FLOW PRESSURE: 59 PSI
(G) FINAL CLOSED-IN PRESSURE: 243 PSI
(H) FINAL HYDROSTATIC PRESSURE: 1997 PSI
WELL TEMPERATURE: 122 °F
OPEN TOOL: 1:25 AM

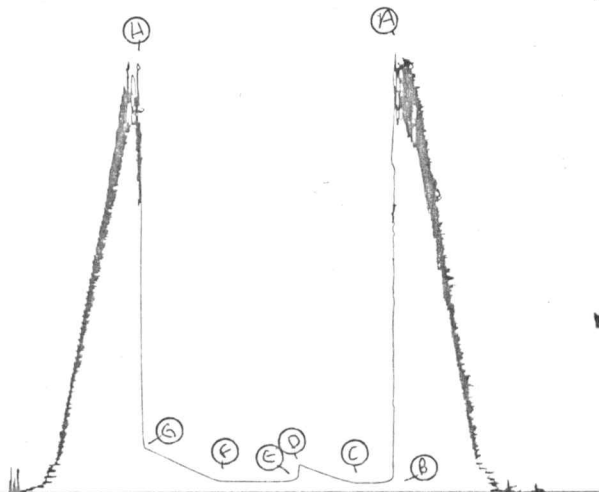
	TIME - GIVEN	TIME - ACTUAL
FIRST FLOW PRESSURE:	30 MIN	25 MIN
INITIAL CLOSED-IN PRESSURE:	45 MIN	45 MIN
SECOND FLOW PRESSURE:	60 MIN	55 MIN
FINAL CLOSED-IN PRESSURE:	60 MIN	60 MIN

PRESSURE BREAKDOWN

PT	FIRST FLOW		INITIAL SHUT-IN		SECOND FLOW		FINAL SHUT-IN	
	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE
1	0	49	0	49	0	57	0	59
2	5	49	3	50	5	57	3	62
3	10	49	6	53	10	57	6	67
4	15	49	9	59	15	57	9	74
5	20	49	12	65	20	57	12	86
6	25	49	15	70	25	57	15	95
7			18	77	30	58	18	104
8			21	86	35	58	21	113
9			24	93	40	59	24	124
10			27	101	45	59	27	133
11			30	109	50	59	30	144
12			33	117	55	59	33	155
13			36	125			36	164
14			39	133			39	176
15			42	142			42	186
16			45	150			45	197
17							48	208
18							51	217
19							54	227
20							57	237
21							60	243
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WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 10/14/83
CUSTOMER: MCCOY PETROLEUM CO.
WELL: #3 "B"
ELEVATION (KB): 0
SECTION: 20
RANGE: 8W
GAUGE SN #14547

TEST: 2

FORMATION: MISSISSIPPIAN
TOWNSHIP: 31S

COUNTY: HARPER
RANGE: 4225

TICKET #1787
LEASE: BURGESS
GEOLOGIST: R. MCCANN
STATE: KANSAS
CLOCK: 12

INTERVAL TEST FROM: 4393 FT TO: 4403 FT TOTAL DEPTH: 4403 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4388 FT SIZE: 6 5/8 IN PACKER DEPTH: 4393 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: SWEETMAN RIG # 1
MUD TYPE: VISCOSITY: 48
WEIGHT: 9.3 WATER LOSS (CC): 8.0

CHLORIDES (P.P.M.):

JARS - MAKE:

SERIAL NUMBER:

DID WELL FLOW? NO

REVERSED OUT? NO

DRILL COLLAR LENGTH:	270	FT	I.D.:	2 1/4	IN
WEIGHT PIPE LENGTH:		FT	I.D.:		IN
DRILL PIPE LENGTH:	4108	FT	I.D.:	3.8	IN
TEST TOOL LENGTH:	15	FT	TOOL SIZE:	5 1/2 O.D.	IN
ANCHOR LENGTH:	10	FT	SIZE:	5 1/2 O.D.	IN
SURFACE CHOKE SIZE:	3/4	IN	BOTTOM CHOKE SIZE:	3/4	IN
MAIN HOLE SIZE:	7 7/8	IN	TOOL JOINT SIZE:	4 1/2 FH	IN

BLOW: STRONG BLOWS THROUGHOUT BOTH
INITIAL AND FINAL FLOW PERIODS.

RECOVERED:	112	FT	OF:	HEAVY OIL & GAS CUT MUD
RECOVERED:	181	FT	OF:	FROGGY OIL
RECOVERED:	5	FT	OF:	WATER
RECOVERED:		FT	OF:	
RECOVERED:		FT	OF:	
RECOVERED:		FT	OF:	
RECOVERED:		FT	OF:	
RECOVERED:		FT	OF:	

REMARKS:

TIME SET PACKER(S): 7:05 P.M.

TIME STARTED OFF BOTTOM: 10:20 P.M.

WELL TEMPERATURE: 123 °F

INITIAL HYDROSTATIC PRESSURE:

INITIAL FLOW PERIOD MIN: 30

INITIAL CLOSED IN PERIOD MIN: 39

FINAL FLOW PERIOD MIN: 55

FINAL CLOSED IN PERIOD MIN: 54

FINAL HYDROSTATIC PRESSURE

(A) 2125	PSI
(B) 64	PSI TO (C) 70
(D) 1324	PSI
(E) 72	PSI TO (F) 87
(G) 1305	PSI
(H) 2110	PSI

WESTERN TESTING CO. INC.
GAS FLOW REPORT

DATE: 10/14/83

TICKET #1787

CUSTOMER: MCCOY PETROLEUM CO.

LEASE: BURGESS

WELL: #3 "B"

TEST: 2

GEOLOGIST: R. MCCANN

ELEVATION (KB): 0

FORMATION: MISSISSIPPIAN

SECTION: 20

TOWNSHIP: 31S

RANGE: 8W

COUNTY: HARPER

STATE: KANSAS

GAUGE SN #14547

RANGE: 4225

CLOCK: 12

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

Gas to surface in 19 minutes

25	MERLA	1/2	24" WTR	30700 CFPD
30		1/2	26" WTR	31900 CFPD

to surface

SECOND FLOW

5	MERLA	3/4	50" WTR	100000 CFPD
10		3/4	16" WTR	56800 CFPD
20		3/4	16" WTR	56800 CFPD
30		3/4	16" WTR	56800 CFPD
40		3/4	16" WTR	56800 CFPD
50		3/4	16" WTR	56800 CFPD
60		3/4	16" WTR	56800 CCFPD

GAS BOTTLE SN #:

DATE BOTTLE FILLED:

DATE TO BE INVOICED:

tick# 1787

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