

WESTERN TESTING COMPANY
SUBSURFACE PRESSURE SURVEY

DATE: 5/29/83
CUSTOMER: MCCOY PETROLEUM CORP.
WELL: 1 TEST: 1
ELEVATION (KB): 1579 FORMATION: MISSISSIPPI
SECTION: 21 TOWNSHIP: 31S
RANGE: 8W COUNTY: HARPER STATE: KANSAS
GAUGE SN #1566 RANGE: 4300 CLOCK: 12

INTERVAL TEST FROM: 4390 FT TO: 4400 FT TOTAL DEPTH: 4400 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4396 FT SIZE: 6 5/8 IN Packer DEPTH: FT SIZE: IN
PACKER DEPTH: FT SIZE: IN Packer DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: SWEETMAN

MUD TYPE: STARCH VISCOSITY: 50
WEIGHT: 9.1 WATER LOSS (CC): 9.6
CHLORIDES (P.P.M.): N/A

JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO

DRILL COLLAR LENGTH: 280 FT I.D.: 2.2 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 4100 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 16 FT TOOL SIZE: 5 1/2 IN
ANCHOR LENGTH: 10 FT SIZE: 5 1/2 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 IN

BLOW: STRONG BLOW.
GAS TO SURFACE 7 MINUTES INTO INITIAL FLOW.
PERIOD.
SEE ATTACHED GAS SHEET.

RECOVERED: 112 FT OF: MEDIUM TO HEAVILY OIL & GAS CUT MUD
RECOVERED: FT OF: 20% MUD; 15% WATER; 20% OIL; 45% GAS
RECOVERED: 52 FT OF: MUDDY OIL (SLIGHTLY WATERY)
RECOVERED: FT OF: 12% MUD; 29% WATER; 40% OIL; 19% GAS
RECOVERED: 10 FT OF: WATER
RECOVERED: FT OF: TOP - CHLORIDES 35000 PPM
RECOVERED: FT OF: BOTTOM - CHLORIDES 42000 PPM
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 6:45 AM TIME STARTED OFF BOTTOM: 10:00 AM
WELL TEMPERATURE: 125 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2267 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 81 PSI TO (C) 84 PSI
INITIAL CLOSED IN PERIOD MIN: 45 (D) 1177 PSI
FINAL FLOW PERIOD MIN: 60 (E) 91 PSI TO (F) 97 PSI
FINAL CLOSED IN PERIOD MIN: 63 (G) 1213 PSI
FINAL HYDROSTATIC PRESSURE (H) 2228 PSI

WESTERN TESTING COMPANY
PRESSURE DATA

DATE: 5/29/83

CUSTOMER: MCCOY PETROLEUM CORP.

TEST: 1

FORMATION: MISSISSIPPI

TOWNSHIP: 31S

COUNTY: HARPER

LEASE: "C" BURGESS

GEOLOGIST: ROBERT MCCANN

STATE: KANSAS

CLOCK: 12

(A) INITIAL HYDROSTATIC PRESSURE: 2267 PSI

(B) FIRST INITIAL FLOW PRESSURE: 81 PSI

(C) FIRST FINAL FLOW PRESSURE: 84 PSI

(D) INITIAL CLOSED-IN PRESSURE: 1177 PSI

(E) SECOND INITIAL FLOW PRESSURE: 91 PSI

(F) SECOND FINAL FLOW PRESSURE: 97 PSI

(G) FINAL CLOSED-IN PRESSURE: 1213 PSI

(H) FINAL HYDROSTATIC PRESSURE: 2228 PSI

WELL TEMPERATURE: 125 'F

OPEN TOOL: 6:45 AM

TIME - GIVEN TIME - ACTUAL

FIRST FLOW PRESSURE: 30 MIN 30 MIN

INITIAL CLOSED-IN PRESSURE: 45 MIN 45 MIN

SECOND FLOW PRESSURE: 60 MIN 60 MIN

FINAL CLOSED-IN PRESSURE: 60 MIN 63 MIN

PRESSURE BREAKDOWN

[illegible]

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WESTERN TESTING COMPANY
GAS FLOW REPORT

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

SECOND FLOW

				GAS TO SURFACE
7				
8	MERLA	1/4	1.5 PSIG	11020 CFPD
10		1/4	28" WTR	8890 CFPD
15		1/2	10" WTR	19900 CFPD
20		1/2	8" WTR	17200 CFPD
25		1/2	5" WTR	14100 CFPD
30		1/2	3" WTR	10900 CFPD
35		1/2	4" WTR	12500 CFPD
40		1/2	4" WTR	12500 CFPD
50		1/2	4" WTR	12500 CFPD
60		1/2	4" WTR	12500 CFPD

GAS BOTTLE SN #:
DATE BOTTLE FILLED:
DATE TO BE INVOICED: 5/29/83

TKT. # 18962I