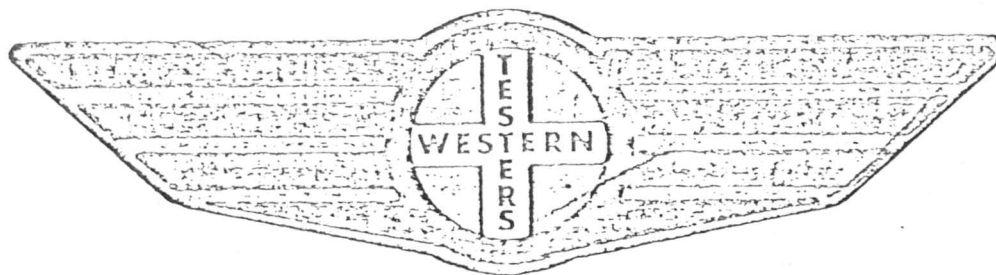


FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING COMPANY INC.
SUBSURFACE PRESSURE SURVEY

DATE: 12/4/84
CUSTOMER: MCCOY PETROLEUM CORPORATION
WELL: #4 TEST: 1
ELEVATION (KB): 0 FORMATION: KANSAS CITY
SECTION: 16 TOWNSHIP: 31S
RANGE: 8W COUNTY: HARPER STATE: KANSAS
GAUGE SN #13552 RANGE: 4050 CLOCK: 12

TICKET #7442
LEASE: LONG
GEOLOGIST: MCCOY

INTERVAL TEST FROM: 3929 FT TO: 3946 FT TOTAL DEPTH: 3946 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3924 FT SIZE: 6 5/8 IN PACKER DEPTH: 3929 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: SWEETMAN

MUD TYPE: VISCOSITY: 42
WEIGHT: 9.6 WATER LOSS (CC): 30.0

CHLORIDES (P.P.M.):

JARS - MAKE:

SERIAL NUMBER:

DID WELL FLOW? NO

REVERSED OUT? NO

DRILL COLLAR LENGTH: 280 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 3628 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 21 FT TOOL SIZE: 5 1/2 O.D. IN
ANCHOR LENGTH: 17 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: WEAK BLOW THROUGHOUT FLOW PERIODS.

RECOVERED: 30	FT	OF: DRLG MUD (FEW SPECKS 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): 8:30 A.M.

TIME STARTED OFF BOTTOM: 11:45 A.M.

WELL TEMPERATURE: 118 °F

INITIAL HYDROSTATIC PRESSURE:

INITIAL FLOW PERIOD MIN: 25

INITIAL CLOSED IN PERIOD MIN: 45

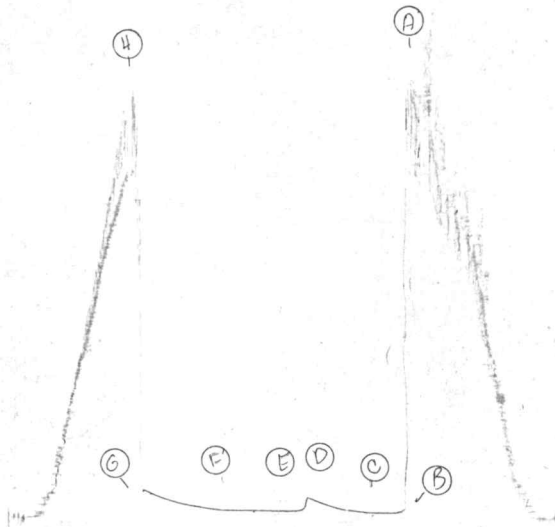
FINAL FLOW PERIOD MIN: 60

FINAL CLOSED IN PERIOD MIN: 57

FINAL HYDROSTATIC PRESSURE

(A) 1872	PSI
(B) 47	PSI TO (C) 47 PSI
(D) 122	PSI
(E) 56	PSI TO (F) 61 PSI
(G) 159	PSI
(H) 1852	PSI

TKT # 7442
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TKT # 7442

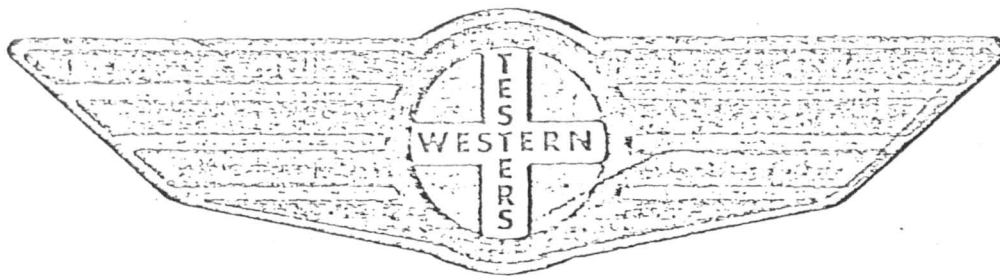
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FORMATION

TEST

REPORT



Home Office:

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WESTERN TESTING COMPANY INC.
SUBSURFACE PRESSURE SURVEY

DATE: 12/5/84
CUSTOMER: MCCOY PETROLEUM CORPORATION
WELL: #4 TEST: 2
ELEVATION (KB): 0 FORMATION: MISSISSIPPI
SECTION: 16 TOWNSHIP: 31S
RANGE: 8W COUNTY: HARPER STATE: KANSAS
GAUGE SN #13552 RANGE: 4050 CLOCK: 12

INTERVAL TEST FROM: 4397 FT TO: 4407 FT TOTAL DEPTH: 4407 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4392 FT SIZE: 6 5/8 IN PACKER DEPTH: 4397 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: SWEETMAN

MUD TYPE: VISCOSITY: 48
WEIGHT: 9.6 WATER LOSS (CC): 4.4
CHLORIDES (P.P.M.):

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

DRILL COLLAR LENGTH: 280 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 4096 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 21 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 BLOW THROUGHOUT FLOW PERIODS.
GAS TO SURFACE ON INITIAL SHUT-IN.

RECOVERED: 32 FT OF: OIL & GAS CUT MUD.
RECOVERED: 124 FT OF: HVY OIL & GAS CUT MUD. 30% OIL; 10% WTR.
RECOVERED: 124 FT OF: WATERY MUDDY GASSY OIL; 55% OIL; 20% WTR.
RECOVERED: 31 FT OF: GASSY OILY WATER; 5% OIL.
RECOVERED: 31 FT OF: SALT WATER; CHLORIDES 146000 P.P.M.
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 10:10 P.M. TIME STARTED OFF BOTTOM: 1:25 A.M.
WELL TEMPERATURE: 123 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2226 PSI
INITIAL FLOW PERIOD MIN: 25 (B) 81 PSI TO (C) 93 PSI
INITIAL CLOSED IN PERIOD MIN: 45 (D) 1076 PSI
FINAL FLOW PERIOD MIN: 60 (E) 112 PSI TO (F) 122 PSI
FINAL CLOSED IN PERIOD MIN: 60 (G) 981 PSI
FINAL HYDROSTATIC PRESSURE (H) 2176 PSI

WESTERN TESTING COMPANY INC.
PRESSURE DATA

DATE: 12/5/84
CUSTOMER: MCCOY PETROLEUM CORPORATION
WELL: #4 TEST: 2
ELEVATION (KB): 0 FORMATION: MISSISSIPPI
SECTION: 16 TOWNSHIP: 31S
RANGE: 8W COUNTY: HARPER STATE: KANSAS
GAUGE SN #13552 RANGE: 4050 CLOCK: 12

(A) INITIAL HYDROSTATIC PRESSURE: 2226 PSI
(B) FIRST INITIAL FLOW PRESSURE: 81 PSI
(C) FIRST FINAL FLOW PRESSURE: 93 PSI
(D) INITIAL CLOSED-IN PRESSURE: 1076 PSI
(E) SECOND INITIAL FLOW PRESSURE: 112 PSI
(F) SECOND FINAL FLOW PRESSURE: 122 PSI
(G) FINAL CLOSED-IN PRESSURE: 981 PSI
(H) FINAL HYDROSTATIC PRESSURE: 2176 PSI
WELL TEMPERATURE: 123 °F
OPEN TOOL: 10:10 P.M.

	TIME - GIVEN	TIME - ACTUAL
FIRST FLOW PRESSURE:	30 MIN	25 MIN
INITIAL CLOSED-IN PRESSURE:	45 MIN	45 MIN
SECOND FLOW PRESSURE:	60 MIN	60 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	81	0	93	0	112	0	122
2	5	81	3	176	5	112	3	283
3	10	81	6	323	10	112	6	480
4	15	84	9	473	15	112	9	615
5	20	89	12	561	20	113	12	711
6	25	93	15	621	25	113	15	775
7			18	658	30	113	18	820
8			21	698	35	114	21	852
9			24	799	40	114	24	877
10			27	893	45	116	27	897
11			30	943	50	118	30	913
12			33	978	55	120	33	925
13			36	1006	60	122	36	935
14			39	1026			39	944
15			42	1052			42	951
16			45	1076			45	956
17							48	961
18							51	966
19							54	971
20							57	976
21							60	981
22								
23								
24								
25								
26								
27								
28								
29								
30								

WESTERN TESTING COMPANY INC.
GAS FLOW REPORT

DATE: 12/5/84
CUSTOMER: MCCOY PETROLEUM CORPORATION
WELL: #4
ELEVATION (KB): 0
SECTION: 16
RANGE: 8W
GAUGE SN #13552

TEST: 2
FORMATION: MISSISSIPPI
TOWNSHIP: 31S
COUNTY: HARPER
RANGE: 4050

TICKET #7443
LEASE: LONG
GEOLOGIST: MCCOY
STATE: KANSAS
CLOCK: 12

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

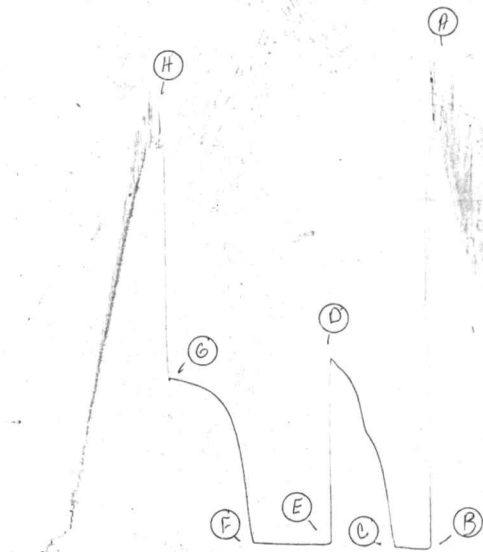
SECOND FLOW

5	MERLA	3/4	6" WTR	34700 CFPD
10		1/2	20" WTR	28000 " "
20		"	10" WTR	19900 " "
30		"	9" WTR	18800 " "
40		"	"	"
50		"	"	"
60		"	"	"

GAS BOTTLE SN #:
DATE BOTTLE FILLED:
DATE TO BE INVOICED:

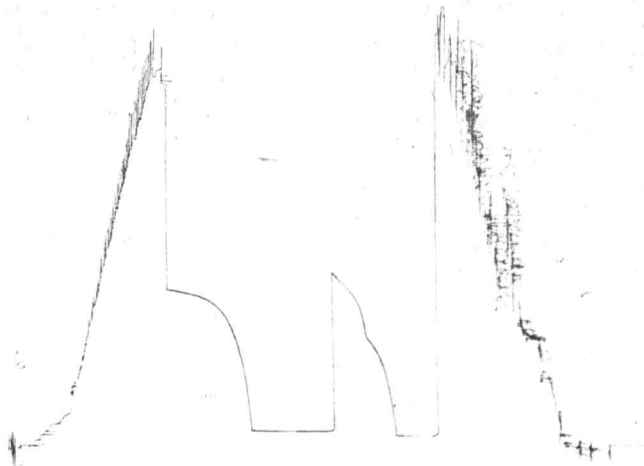
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TKT # 7443

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