

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 8/19/83
CUSTOMER: RAYMOND OIL COMPANY INC.
WELL: 1 TEST: 1
ELEVATION (KB): 1982
SECTION: 28
RANGE: 14W
GAUGE SN #3086

COUNTY: PRATT
RANGE: 4500

FORMATION: PLEASANTON
TOWNSHIP: 29S

TICKET #1245
LEASE: A & W FARMS
GEOLOGIST: STRILLING?
STATE: KANSAS
CLOCK: 12

INTERVAL TEST FROM: 4369 FT TO: 4411 FT TOTAL DEPTH: 4707 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4369 FT SIZE: 6 5/8 IN PACKER DEPTH: 4411 FT SIZE: 6 5/8 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: WHITE & ELLIS
MUD TYPE: SALTCLASTA VISCOSITY: 50
WEIGHT: 9.8 WATER LOSS (CC): 5.6
CHLORIDES (P.P.M.): 89000

JARS - MAKE: WTC SERIAL NUMBER: 422
DID WELL FLOW? NO REVERSED OUT? NO

DRILL COLLAR LENGTH:	FT	I.D.:	IN
WEIGHT PIPE LENGTH:	FT	I.D.:	IN
DRILL PIPE LENGTH:	4339 FT	I.D.:	3.8 IN
TEST TOOL LENGTH:	30 FT	TOOL SIZE:	5 1/2 IN
ANCHOR LENGTH:	42 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.
GAS TO SURFACE IN 18 MINUTES ON INITIAL FLOW
PERIOD.
SEE ATTACHED GAS SHEET.

RECOVERED: 90	FT	OF: SLIGHTLY GAS CUT DRILLING MUD
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:

REMARKS: TAIL PIPE LENGTH 296 FT.
I.D. 3.8 IN.

TIME SET PACKER(S): 5:30 PM
WELL TEMPERATURE: 0 'F
INITIAL HYDROSTATIC PRESSURE:
INITIAL FLOW PERIOD MIN: 45
INITIAL CLOSED IN PERIOD MIN: 63
FINAL FLOW PERIOD MIN: 45
FINAL CLOSED IN PERIOD MIN: 63
FINAL HYDROSTATIC PRESSURE

TIME STARTED OFF BOTTOM: 9:00 PM

(A) 2390	PSI
(B) 109	PSI TO (C) 109 PSI
(D) 1551	PSI
(E) 122	PSI TO (F) 122 PSI
(G) 1524	PSI
(H) 2304	PSI

WESTERN TESTING CO. INC.
PRESSURE DATA

DATE: 8/19/83

CUSTOMER: RAYMOND OIL COMPANY INC.

TEST: 1

FORMATION: PLEASANTON

TOWNSHIP: 29S

COUNTY: PRATT

RANGE: 4500

LEASE: A & W FARMS

PLEASANTON

TOWNSHIP: 29S

STATE: KANSAS

CLOCK: 12

(A) INITIAL HYDROSTATIC PRESSURE: 2390 PSI

(B) FIRST INITIAL FLOW PRESSURE: 109 PSI

(C) FIRST FINAL FLOW PRESSURE: 109 PSI

(D) INITIAL CLOSED-IN PRESSURE: 1551 PSI

(E) SECOND INITIAL FLOW PRESSURE: 122 PSI

(F) SECOND FINAL FLOW PRESSURE: 122 PSI

(G) FINAL CLOSED-IN PRESSURE: 1524 PSI

(H) FINAL HYDROSTATIC PRESSURE: 2304 PSI

WELL TEMPERATURE: 0 °F

OPEN TOOL: 5:30 PM

TIME - GIVEN TIME - ACTUAL

FIRST FLOW PRESSURE: 45 MIN 45 MIN

INITIAL CLOSED-IN PRESSURE: 60	MIN 63	MIN
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SECOND FLOW PRESSURE: 45 MIN 45 MIN

FINAL CLOSED-IN PRESSURE: 60 MIN 63 MIN

PRESSURE BREAKDOWN

PT	FIRST FLOW		INITIAL SHUT-IN		SECOND FLOW		FINAL SHUT-IN	
	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE
1	0	109	0	109	0	122	0	122
2	5	109	3	431	5	122	3	595
3	10	109	6	753	10	122	6	928
4	15	109	9	1014	15	122	9	1167
5	20	109	12	1225	20	122	12	1321
6	25	109	15	1346	25	122	15	1393
7	30	109	18	1416	30	122	18	1430
8	35	109	21	1453	35	122	21	1451
9	40	109	24	1484	40	122	24	1470
10	45	109	27	1501	45	122	27	1481
11			30	1513			30	1492
12			33	1523			33	1499
13			36	1529			36	1505
14			39	1534			39	1507
15			42	1536			42	1509
16			45	1538			45	1512
17			48	1540			48	1515
18			51	1542			51	1517
19			54	1544			54	1519
20			57	1547			57	1521
21			60	1550			60	1523
22			63	1551			63	1524

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GAS FLOW REPORT

DATE: 8/19/83 CUSTOMER: Raymond Oil Company Inc. WELL: 1 ELEVATION (KB): 0 SECTION: 28 RANGE: 14W GAUGE SN #: 3086	TICKET #: 1245 LEASE: A & W Farms GEOLOGIST: Strilling? FORMATION: Pleasanton TOWNSHIP: 29S COUNTY: Pratt RANGE: 4500 STATE: Kansas CLOCK: 12
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TIME GAUGE (MIN)	TESTER TYPE	ORIFICE SIZE	PRESSURE (PSI)	FLOW DESCRIPTION
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PRE FLOW

5:48 PM	MERLA	1/4"	4.0 PSIG	18500 CFPD
25			4.5	19500 CFPD
30			8.0	27000 CFPD
35			11	32400 CFPD
40			12	34000 CFPD
45			14	37600 CFPD

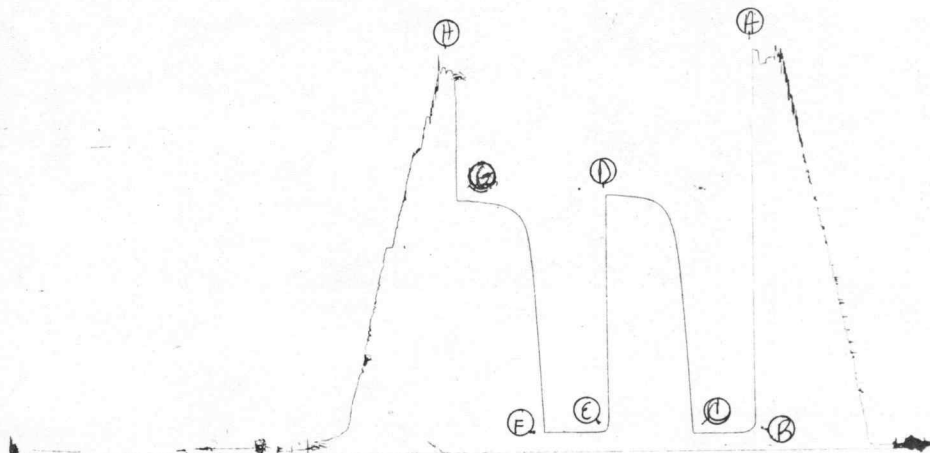
SECOND FLOW

5	MERLA	1/4	18 PSIG	43900 CFPD
10			22 PSIG	50200 CFPD
20			24 PSIG	53200 CFPD
30			27 PSIG	57700 CFPD
40			28 PSIG	59000 CFPD
45			28 PSIG	59000 CFPD

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

TKI# 1245

I



TKT #1245

1560

Below Straddle

