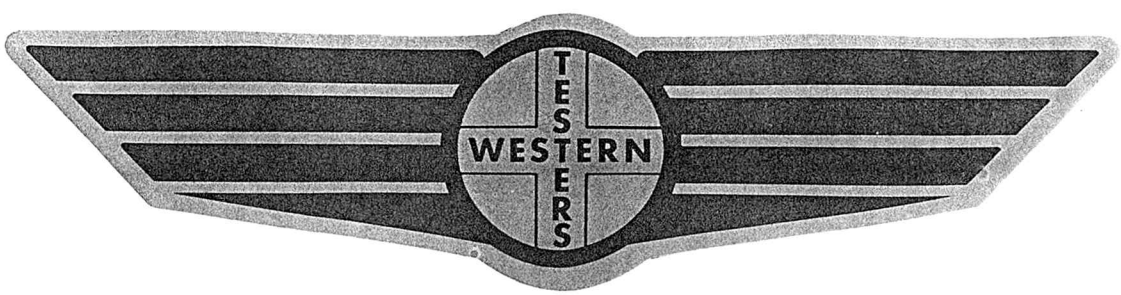
FORMATION TEST REPORT



Home Office: Wichita, Kansas 67201

P.O. Box 1599 Phone 1-800-688-7021

COMPANY PETROLEUM MANAGEMENT, INC. LEASE & WELL NO. #3 KENT SEC. 30 TWP. 29S RGE. 8E TEST NO. 1 DATE 6/9/94

DST REPORT

GENERAL INFORMATION

DATE	: 6/9/94	TICKET	: 20508
CUSTOMER	: PETROLEUM MANAGEMENT INC	LEASE	: KENT
WELL	: #3 TEST: 1	GEOLOGIST	: STOUT
ELEVATION	: 1530 GL	FORMATION	: MISSISSIPPI
SECTION	: 30	TOWNSHIP	: 29S
RANGE	: 8E COUNTY: BUTLER	STATE	: KS
GAUGE SN#	: 4339 RANGE : 4300	CLOCK	: 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 2818.00 ft TO: 2838.00 ft TVD: 2838.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 2821.0 ft 2838.0 ft
TEMPERATURE: 100.0

DRILL COLLAR LENGTH:	359.0 ft	I.D.:	2.250 in
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:	0.000 in
DRILL PIPE LENGTH :	2436.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH :	23.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH :	20.0 ft	ANCHOR SIZE:	5.500 in
SURFACE CHOKE SIZE :	0.750 in	BOTTOM CHOKE SIZE:	0.750 in
MAIN HOLE SIZE :	7.875 in	TOOL JOINT SIZE :	4.5XH
PACKER DEPTH:	2813.0 ft	SIZE:	6.630 in
PACKER DEPTH:	2838.0 ft	SIZE:	6.630 in
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in

MUD INFORMATION

DRILLING CON.	: SUMMIT		
MUD TYPE	: CHEMICAL	VISCOSITY :	35.00 cp
WEIGHT	: 9.400 ppg	WATER LOSS:	10.800 cc
CHLORIDES	: 900 ppm		
JARS-MAKE	:	SERIAL NUMBER:	
DID WELL FLOW?	: NO	REVERSED OUT?:	NO

COMMENTS

Comment

INITIAL FLOW PERIOD OFF BOTTOM OF BUCKET IN 12 MINUTES. FINAL FLOW PERIOD 1 INCH BLOW INCREASING TO 4 INCHES.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
515.0	0.0	5.0	70.0	25.0	GAS CUT MUDDY WATER
0.0	0.0	0.0	0.0	0.0	CHLORIDES 10000 PPM

RATE INFORMATION

OIL VOLUME:	0.0000 STB		
GAS VOLUME:	1.1099 SCF	TOTAL FLOW TIME:	70.0000 min.
MUD VOLUME:	0.9884 STB	AVERAGE OIL RATE:	0.0000 STB/D
WATER VOLUME:	2.7674 STB	AVERAGE WATER RATE:	77.2624 STB/D
TOTAL FLUID :	3.7558 STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1451.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	113.00	125.00
INITIAL SHUT-IN	45.00		656.00
FINAL FLOW	45.00	238.00	261.00
FINAL SHUT-IN	60.00		656.00

FINAL HYDROSTATIC PRESSURE: 1396.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1447.00

Description	Duration	p1	p End
INITIAL FLOW	15.00	343.00	538.00
INITIAL SHUT-IN	30.00		1112.00
FINAL FLOW	55.00	625.00	838.00
FINAL SHUT-IN	54.00		1138.00

FINAL HYDROSTATIC PRESSURE: 1384.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE	: 6/9/94	TICKET	: 20508
CUSTOMER	: PETROLEUM MANAGEMENT INC	LEASE	: KENT
WELL	: #3 TEST: 1	GEOLOGIST	: STOUT
ELEVATION	: 1530 GL	FORMATION	: MISSISSIPPI
SECTION	: 30	TOWNSHIP	: 29S
RANGE	: 8E COUNTY: BUTLER	STATE	: KS
GAUGE SN#	: 4339 RANGE : 4300	CLOCK	: 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	343.00	343.00
5.00	417.00	74.00
10.00	507.00	90.00
15.00	538.00	31.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	968.00	968.00	0.00
6.00	1049.00	81.00	0.00
9.00	1077.00	28.00	0.00
12.00	1087.00	10.00	0.00
15.00	1096.00	9.00	0.00
18.00	1101.00	5.00	0.00
21.00	1104.00	3.00	0.00
24.00	1107.00	3.00	0.00
27.00	1109.00	2.00	0.00
30.00	1112.00	3.00	0.00

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	625.00	625.00
5.00	625.00	0.00
10.00	637.00	12.00
15.00	660.00	23.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW (CONTINUED)

Time (min)	Pressure	Delta P
20.00	689.00	29.00
25.00	717.00	28.00
30.00	744.00	27.00
35.00	763.00	19.00
40.00	779.00	16.00
45.00	804.00	25.00
50.00	822.00	18.00
55.00	838.00	16.00

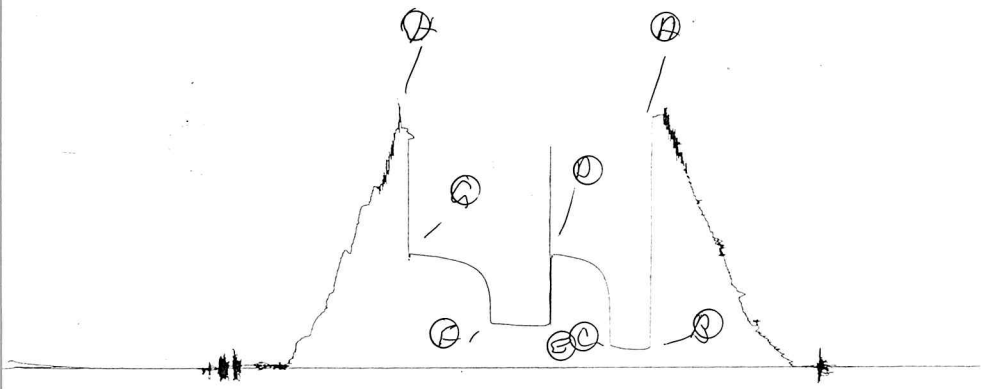
FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	1140.00	1140.00	0.00
6.00	1139.00	-1.00	0.00
9.00	1138.00	-1.00	0.00
12.00	1138.00	0.00	0.00
15.00	1138.00	0.00	0.00
18.00	1138.00	0.00	0.00
21.00	1138.00	0.00	0.00
24.00	1138.00	0.00	0.00
27.00	1138.00	0.00	0.00
30.00	1138.00	0.00	0.00
33.00	1138.00	0.00	0.00
36.00	1138.00	0.00	0.00
39.00	1138.00	0.00	0.00
42.00	1138.00	0.00	0.00
45.00	1138.00	0.00	0.00
48.00	1138.00	0.00	0.00
51.00	1138.00	0.00	0.00
54.00	1138.00	0.00	0.00

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