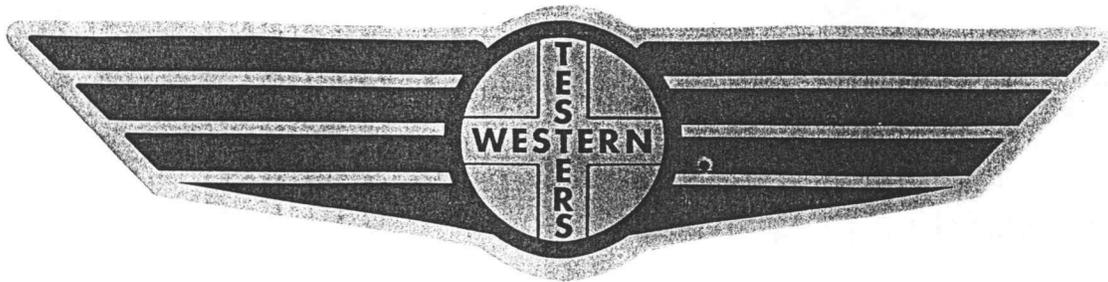


FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1-800-688-7021

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
10.0	100.0	0.0	0.0	0.0	OIL
65.0	10.0	0.0	20.0	70.0	OIL CUT WATERY MUD
0.0	0.0	0.0	0.0	0.0	CHLORIDES 29000 PPM

RATE INFORMATION

OIL VOLUME:	0.2314 STB	TOTAL FLOW TIME:	90.0000 min.
GAS VOLUME:	0.0000 SCF	AVERAGE OIL RATE:	7.1067 STB/D
MUD VOLUME:	0.6382 STB	AVERAGE WATER RATE:	9.7249 STB/D
WATER VOLUME:	0.1823 STB		
TOTAL FLUID :	1.0520 STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1976.00

Description	Duration	p1	p End
INITIAL FLOW	45.00	29.00	29.00
INITIAL SHUT-IN	45.00		731.00
FINAL FLOW	45.00	48.00	48.00
FINAL SHUT-IN	45.00		634.00

FINAL HYDROSTATIC PRESSURE: 1907.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1996.00

Description	Duration	p1	p End
INITIAL FLOW	45.00	53.00	53.00
INITIAL SHUT-IN	33.00		721.00
FINAL FLOW	45.00	68.00	68.00
FINAL SHUT-IN	39.00		610.00

FINAL HYDROSTATIC PRESSURE: 1835.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	68.00	68.00
5.00	68.00	0.00
10.00	68.00	0.00
15.00	68.00	0.00
20.00	68.00	0.00
25.00	68.00	0.00
30.00	68.00	0.00
35.00	68.00	0.00
40.00	68.00	0.00
45.00	68.00	0.00

FINAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	97.00	97.00	0.00
6.00	119.00	22.00	0.00
9.00	142.00	23.00	0.00
12.00	173.00	31.00	0.00
15.00	220.00	47.00	0.00
18.00	267.00	47.00	0.00
21.00	314.00	47.00	0.00
24.00	371.00	57.00	0.00
27.00	435.00	64.00	0.00
30.00	496.00	61.00	0.00
33.00	542.00	46.00	0.00
36.00	581.00	39.00	0.00
39.00	610.00	29.00	0.00

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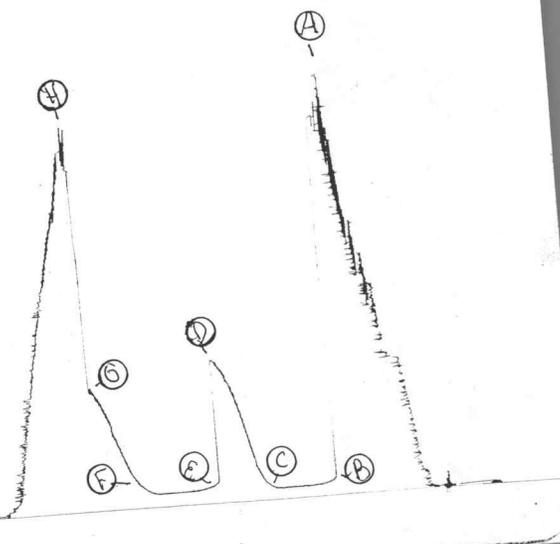
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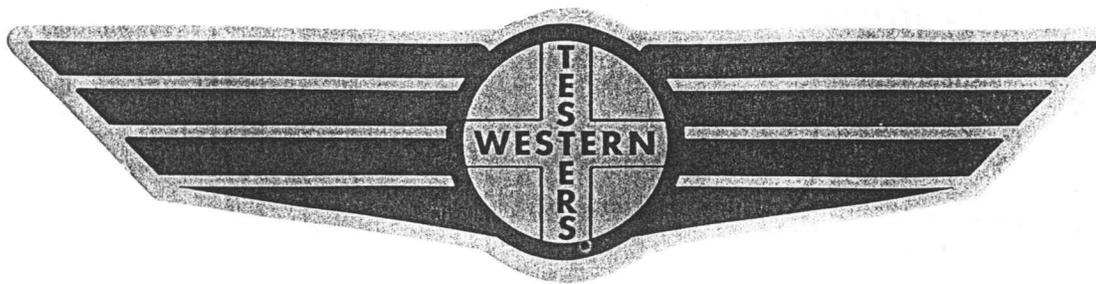
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# FORMATION

# TEST

# REPORT



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DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
150.0	0.0	0.0	70.0	30.0	MUDDY WATER
0.0	0.0	0.0	0.0	0.0	CHLORIDES 38000 PPM

RATE INFORMATION

OIL VOLUME:	0.0000	STB	TOTAL FLOW TIME:	90.0000	min.
GAS VOLUME:	0.0000	SCF	AVERAGE OIL RATE:	0.0000	STB/D
MUD VOLUME:	0.6312	STB	AVERAGE WATER RATE:	33.6633	STB/D
WATER VOLUME:	1.4728	STB			
TOTAL FLUID :	2.1040	STB			

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1907.00

Description	Duration	p1	p End
INITIAL FLOW	45.00	48.00	48.00
INITIAL SHUT-IN	45.00		1190.00
FINAL FLOW	45.00	78.00	78.00
FINAL SHUT-IN	45.00		731.00

FINAL HYDROSTATIC PRESSURE: 1819.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1956.00

Description	Duration	p1	p End
INITIAL FLOW	45.00	58.00	58.00
INITIAL SHUT-IN	45.00		1210.00
FINAL FLOW	45.00	93.00	93.00
FINAL SHUT-IN	42.00		747.00

FINAL HYDROSTATIC PRESSURE: 1858.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	93.00	93.00
5.00	93.00	0.00
10.00	93.00	0.00
15.00	93.00	0.00
20.00	93.00	0.00
25.00	93.00	0.00
30.00	93.00	0.00
35.00	93.00	0.00
40.00	93.00	0.00
45.00	93.00	0.00

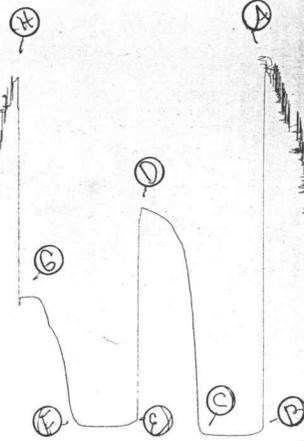
FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	253.00	253.00	0.00
6.00	396.00	143.00	0.00
9.00	470.00	74.00	0.00
12.00	525.00	55.00	0.00
15.00	566.00	41.00	0.00
18.00	595.00	29.00	0.00
21.00	663.00	68.00	0.00
24.00	715.00	52.00	0.00
27.00	737.00	22.00	0.00
30.00	745.00	8.00	0.00
33.00	747.00	2.00	0.00
36.00	747.00	0.00	0.00
39.00	747.00	0.00	0.00
42.00	747.00	0.00	0.00

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