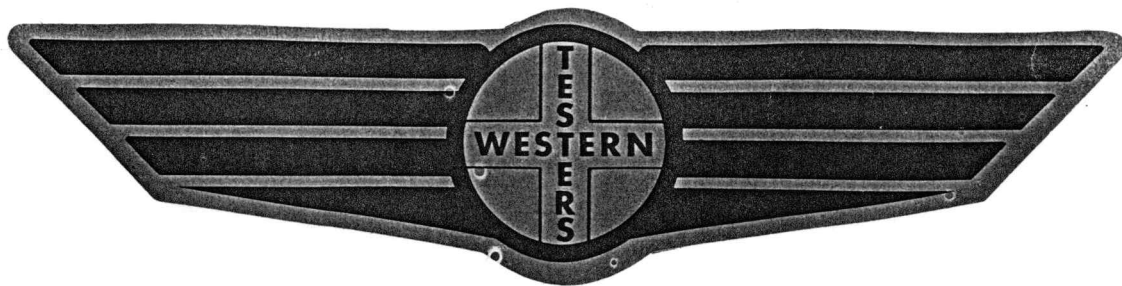


FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 913-800-688-7021

DST REPORT

GENERAL INFORMATION

DATE	: 10/18/94	TICKET	: 20964
CUSTOMER	: EDMISTON OIL COMPANY INC	LEASE	: MAGILL B
WELL	: #1	TEST: 1	GEOLOGIST: LOVELY
ELEVATION	: 1640 GL	FORMATION	: MISSISSIPPI
SECTION	: 25	TOWNSHIP	: 29S
RANGE	: 9W	STATE	: KS
GAUGE SN#	: 4339	RANGE	: 4300
		CLOCK	: 12

WELL INFORMATION

PERFORATION INTERVAL FROM:	4210.00 ft	TO:	4225.00 ft	TVD:	4225.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	GAS
DEPTH OF RECORDERS:	4215.0 ft		4218.0 ft		
TEMPERATURE:	0.0				
DRILL COLLAR LENGTH:	0.0 ft	I.D.:		0.000 in	
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:		0.000 in	
DRILL PIPE LENGTH :	4189.0 ft	I.D.:		3.800 in	
TEST TOOL LENGTH :	21.0 ft	TOOL SIZE :		5.500 in	
ANCHOR LENGTH :	15.0 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:	4205.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	4210.0 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. :	DUKE RIG 1	VISCOSITY :	75.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	12.800 cc
WEIGHT :	9.300 ppg		
CHLORIDES :	11000 ppm	SERIAL NUMBER:	
JARS-MAKE :		REVERSED OUT?:	NO
DID WELL FLOW?:	NO		

COMMENTS

Comment

GAS TO SURFACE IN 2 MINUTES.
1462 MCFD THROUGH 1.25 INCH ORIFICE

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
110.0	0.0	0.0	80.0	20.0	MUDDY WATER
0.0	0.0	0.0	0.0	0.0	CHLORIDES 53000 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:	0.3086	STB	AVERAGE WATER RATE:	24.6864	STB/D
WATER VOLUME:	1.2343	STB			
TOTAL FLUID :	1.5429	STB			

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2244.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	454.00	454.00
INITIAL SHUT-IN	45.00		1265.00
FINAL FLOW	60.00	522.00	465.00
FINAL SHUT-IN	90.00		1265.00

FINAL HYDROSTATIC PRESSURE: 2179.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2249.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	456.00	456.00
INITIAL SHUT-IN	51.00		1269.00
FINAL FLOW	60.00	567.00	466.00
FINAL SHUT-IN	90.00		1263.00

FINAL HYDROSTATIC PRESSURE: 2163.00

GAS FLOW REPORT

GENERAL INFORMATION

DATE : 10/18/94	TICKET : 20964
CUSTOMER : EDMISTON OIL COMPANY INC	LEASE : MAGILL B
WELL : #1	GEOLOGIST: LOVELY
ELEVATION: 1640 GL	FORMATION: MISSISSIPPI
SECTION : 25	TOWNSHIP : 29S
RANGE : 9W	STATE : KS
GAUGE SN#: 4339	CLOCK : 12
COUNTY: KINGMAN	
RANGE : 4300	

PRE FLOW

Time Guage (min)	Tester Type	Orifice Size	Pressure	Flow Desc.
5 MIN	MERLA	1.250	14 PSIG	980000 SCF/D
10 MIN	MERLA	1.250	19 PSIG	1187000 SCF/D
20 MIN	MERLA	1.250	22 PSIG	1316000 SCF/D
30 MIN	MERLA	1.250	23 PSIG	1346000 SCF/D

SECOND FLOW

Time Guage (min)	Tester Type	Orifice Size	Pressure	Flow Desc.
10 MIN	MERLA	1.250	25 PSIG	1421000 SCF/D
20 MIN	MERLA	1.250	27 PSIG	1506000 SCF/D
30 MIN	MERLA	1.250	26 PSIG	1462000 SCF/D
40 MIN	MERLA	1.250	26 PSIG	1462000 SCF/D
50 MIN	MERLA	1.250	26 PSIG	1462000 SCF/D
60 MIN	MERLA	1.250	26 PSIG	1462000 SCF/D

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE	: 10/18/94	TICKET	: 20964
CUSTOMER	: EDMISTON OIL COMPANY INC	LEASE	: MAGILL B
WELL	: #1	TEST: 1	GEOLOGIST: LOVELY
ELEVATION:	1640 GL	FORMATION:	MISSISSIPPI
SECTION	: 25	TOWNSHIP	: 29S
RANGE	: 9W	COUNTY:	KINGMAN
GAUGE SN#:	4339	RANGE	: 4300
		STATE	: KS
		CLOCK	: 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	456.00	456.00
5.00	456.00	0.00
10.00	456.00	0.00
15.00	456.00	0.00
20.00	456.00	0.00
25.00	456.00	0.00
30.00	456.00	0.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	1082.00	1082.00	11.00
6.00	1152.00	70.00	6.00
9.00	1167.00	15.00	4.33
12.00	1184.00	17.00	3.50
15.00	1201.00	17.00	3.00
18.00	1211.00	10.00	2.67
21.00	1218.00	7.00	2.43
24.00	1226.00	8.00	2.25
27.00	1231.00	5.00	2.11
30.00	1237.00	6.00	2.00
33.00	1242.00	5.00	1.91
36.00	1247.00	5.00	1.83
39.00	1253.00	6.00	1.77
42.00	1258.00	5.00	1.71
45.00	1263.00	5.00	1.67
48.00	1266.00	3.00	1.63
51.00	1269.00	3.00	1.59

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	567.00	567.00
5.00	527.00	-40.00
10.00	509.00	-18.00
15.00	498.00	-11.00
20.00	486.00	-12.00
25.00	481.00	-5.00
30.00	477.00	-4.00
35.00	475.00	-2.00
40.00	473.00	-2.00
45.00	471.00	-2.00
50.00	469.00	-2.00
55.00	467.00	-2.00
60.00	466.00	-1.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	1033.00	1033.00	21.00
6.00	1083.00	50.00	11.00
9.00	1114.00	31.00	7.67
12.00	1137.00	23.00	6.00
15.00	1150.00	13.00	5.00
18.00	1162.00	12.00	4.33
21.00	1173.00	11.00	3.86
24.00	1184.00	11.00	3.50
27.00	1194.00	10.00	3.22
30.00	1203.00	9.00	3.00
33.00	1210.00	7.00	2.82
36.00	1217.00	7.00	2.67
39.00	1221.00	4.00	2.54
42.00	1225.00	4.00	2.43
45.00	1228.00	3.00	2.33
48.00	1230.00	2.00	2.25
51.00	1235.00	5.00	2.18
54.00	1240.00	5.00	2.11
57.00	1242.00	2.00	2.05
60.00	1244.00	2.00	2.00
63.00	1246.00	2.00	1.95
66.00	1249.00	3.00	1.91
69.00	1251.00	2.00	1.87
72.00	1253.00	2.00	1.83
75.00	1255.00	2.00	1.80

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
78.00	1257.00	2.00	1.77
81.00	1259.00	2.00	1.74
84.00	1261.00	2.00	1.71
87.00	1262.00	1.00	1.69
90.00	1263.00	1.00	1.67

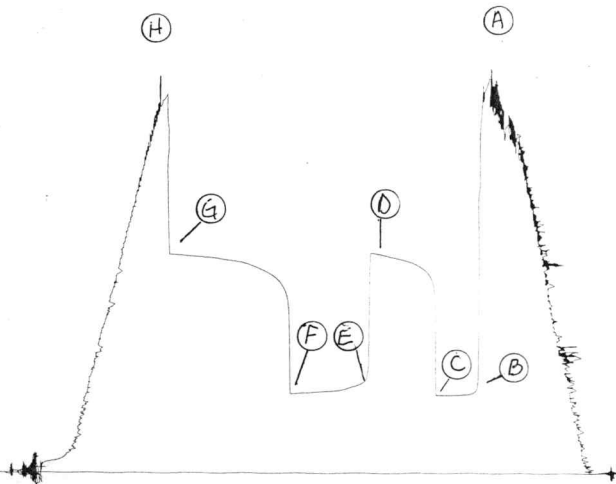
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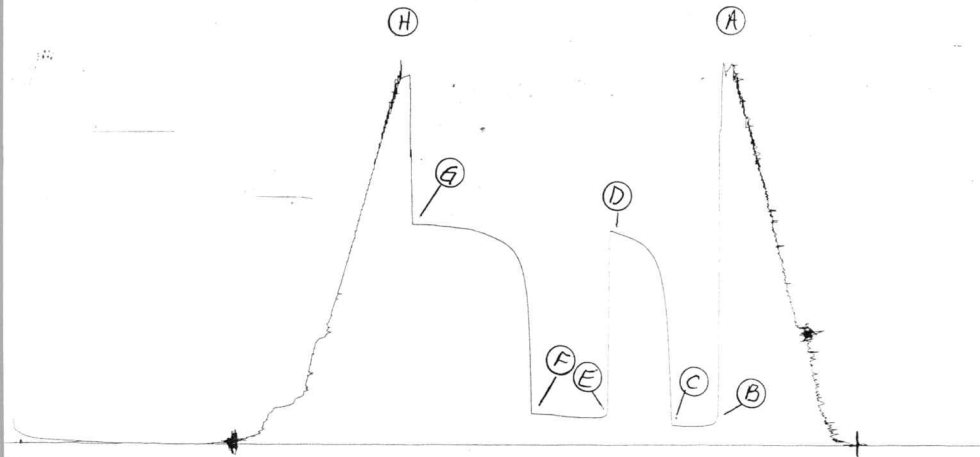
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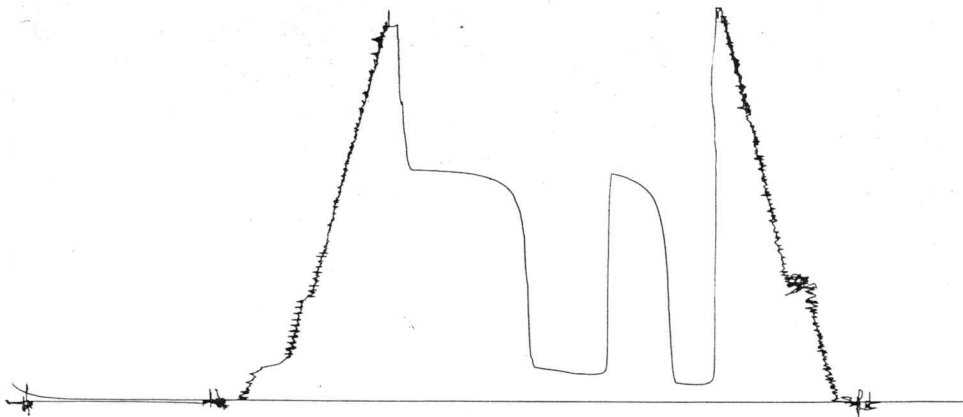
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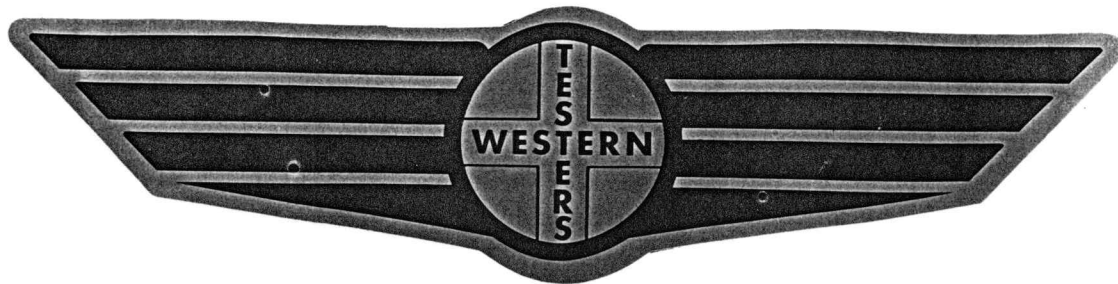


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FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1-800-688-7021

DST REPORT

GENERAL INFORMATION

DATE	: 10/19/94	TICKET	: 20965
CUSTOMER	: EDMISTON OIL COMPANY INC	LEASE	: MAGILL B
WELL	: #1	TEST: 2	GEOLOGIST: LOVELY
ELEVATION	: 1640 GL	FORMATION	: MISSISSIPPI
SECTION	: 25	TOWNSHIP	: 29S
RANGE	: 9W	STATE	: KS
GAUGE SN#	: 4339	RANGE	: 4300
		CLOCK	: 12

WELL INFORMATION

PERFORATION INTERVAL FROM:	4225.00 ft	TO:	4251.00 ft	TVD:	4251.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	GAS
DEPTH OF RECORDERS:	4230.0 ft		4233.0 ft		
TEMPERATURE:	116.0				
DRILL COLLAR LENGTH:	0.0 ft	I.D.:		0.000 in	
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:		0.000 in	
DRILL PIPE LENGTH :	4204.0 ft	I.D.:		3.800 in	
TEST TOOL LENGTH :	21.0 ft	TOOL SIZE :		5.500 in	
ANCHOR LENGTH :	26.0 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:	4220.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	4225.0 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. :	DUKE RIG 1	VISCOSITY :	50.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	12.800 cc
WEIGHT :	9.300 ppg	SERIAL NUMBER:	
CHLORIDES :	11000 ppm	REVERSED OUT?:	NO
JARS-MAKE :			
DID WELL FLOW?:	NO		

COMMENTS

Comment

GAS TO SURFACE IN 15 MINUTES.
40.9 MCFD THROUGH 1/4 INCH ORIFICE.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
360.0	0.0	0.0	90.0	10.0	MUDDY WATER
0.0	0.0	0.0	0.0	0.0	CHLORIDES 100000 PPM

RATE INFORMATION

OIL VOLUME:	0.0000	STB	TOTAL FLOW TIME:	95.0000	min.
GAS VOLUME:	0.0000	SCF	AVERAGE OIL RATE:	0.0000	STB/D
MUD VOLUME:	0.5049	STB	AVERAGE WATER RATE:	76.5396	STB/D
WATER VOLUME:	4.5445	STB			
TOTAL FLUID :	5.0495	STB			

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2198.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	125.00	113.00
INITIAL SHUT-IN	45.00		1243.00
FINAL FLOW	60.00	181.00	204.00
FINAL SHUT-IN	90.00		1276.00

FINAL HYDROSTATIC PRESSURE: 2113.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2173.00

Description	Duration	p1	p End
INITIAL FLOW	35.00	111.00	111.00
INITIAL SHUT-IN	48.00		1232.00
FINAL FLOW	60.00	160.00	180.00
FINAL SHUT-IN	90.00		1272.00

FINAL HYDROSTATIC PRESSURE: 2114.00

GAS FLOW REPORT

GENERAL INFORMATION

DATE : 10/19/94	TICKET : 20965
CUSTOMER : EDMISTON OIL COMPANY INC	LEASE : MAGILL B
WELL : #1	GEOLOGIST: LOVELY
ELEVATION: 1640 GL	FORMATION: MISSISSIPPI
SECTION : 25	TOWNSHIP : 29S
RANGE : 9W	STATE : KS
GAUGE SN#: 4339	CLOCK : 12
COUNTY: KINGMAN	
RANGE : 4300	

PRE FLOW

Time Guage (min)	Tester Type	Orifice Size	Pressure	Flow Desc.
20 MIN	MERLA	0.250	2 PSIG	12700 SCF/D
30 MIN	MERLA	0.250	6 PSIG	22900 SCF/D

SECOND FLOW

Time Guage (min)	Tester Type	Orifice Size	Pressure	Flow Desc.
10 MIN	MERLA	0.250	14 PSIG	37600 SCF/D
20 MIN	MERLA	0.250	14 PSIG	37600 SCF/D
30 MIN	MERLA	0.250	14 PSIG	37600 SCF/D
40 MIN	MERLA	0.250	14 PSIG	37600 SCF/D
50 MIN	MERLA	0.250	16 PSIG	40900 SCF/D
60 MIN	MERLA	0.250	16 PSIG	40900 SCF/D

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE	: 10/19/94	TICKET	: 20965
CUSTOMER	: EDMISTON OIL COMPANY INC	LEASE	: MAGILL B
WELL	: #1	TEST: 2	GEOLOGIST: LOVELY
ELEVATION:	1640 GL	FORMATION:	MISSISSIPPI
SECTION	: 25	TOWNSHIP	: 29S
RANGE	: 9W	STATE	: KS
GAUGE SN#:	4339	CLOCK	: 12
	COUNTY: KINGMAN		
	RANGE : 4300		

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	111.00	111.00
5.00	111.00	0.00
10.00	111.00	0.00
15.00	111.00	0.00
20.00	111.00	0.00
25.00	111.00	0.00
30.00	111.00	0.00
35.00	111.00	0.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	668.00	668.00	12.67
6.00	884.00	216.00	6.83
9.00	996.00	112.00	4.89
12.00	1058.00	62.00	3.92
15.00	1099.00	41.00	3.33
18.00	1128.00	29.00	2.94
21.00	1150.00	22.00	2.67
24.00	1167.00	17.00	2.46
27.00	1179.00	12.00	2.30
30.00	1191.00	12.00	2.17
33.00	1199.00	8.00	2.06
36.00	1207.00	8.00	1.97
39.00	1214.00	7.00	1.90
42.00	1222.00	8.00	1.83
45.00	1227.00	5.00	1.78
48.00	1232.00	5.00	1.73

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	160.00	160.00
5.00	160.00	0.00
10.00	161.00	1.00
15.00	161.00	0.00
20.00	162.00	1.00
25.00	163.00	1.00
30.00	165.00	2.00
35.00	168.00	3.00
40.00	171.00	3.00
45.00	174.00	3.00
50.00	176.00	2.00
55.00	178.00	2.00
60.00	180.00	2.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	804.00	804.00	21.00
6.00	971.00	167.00	11.00
9.00	1053.00	82.00	7.67
12.00	1096.00	43.00	6.00
15.00	1128.00	32.00	5.00
18.00	1149.00	21.00	4.33
21.00	1168.00	19.00	3.86
24.00	1179.00	11.00	3.50
27.00	1190.00	11.00	3.22
30.00	1202.00	12.00	3.00
33.00	1211.00	9.00	2.82
36.00	1220.00	9.00	2.67
39.00	1227.00	7.00	2.54
42.00	1235.00	8.00	2.43
45.00	1241.00	6.00	2.33
48.00	1247.00	6.00	2.25
51.00	1249.00	2.00	2.18
54.00	1251.00	2.00	2.11
57.00	1254.00	3.00	2.05
60.00	1257.00	3.00	2.00
63.00	1259.00	2.00	1.95
66.00	1261.00	2.00	1.91
69.00	1263.00	2.00	1.87
72.00	1265.00	2.00	1.83
75.00	1267.00	2.00	1.80

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

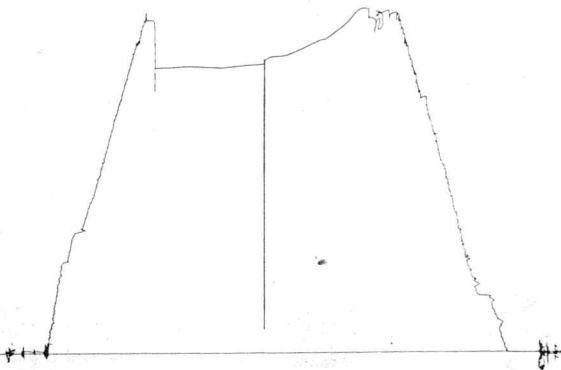
<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
78.00	1268.00	1.00	1.77
81.00	1269.00	1.00	1.74
84.00	1270.00	1.00	1.71
87.00	1271.00	1.00	1.69
90.00	1272.00	1.00	1.67

Kt # 20966

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IKt # 20966

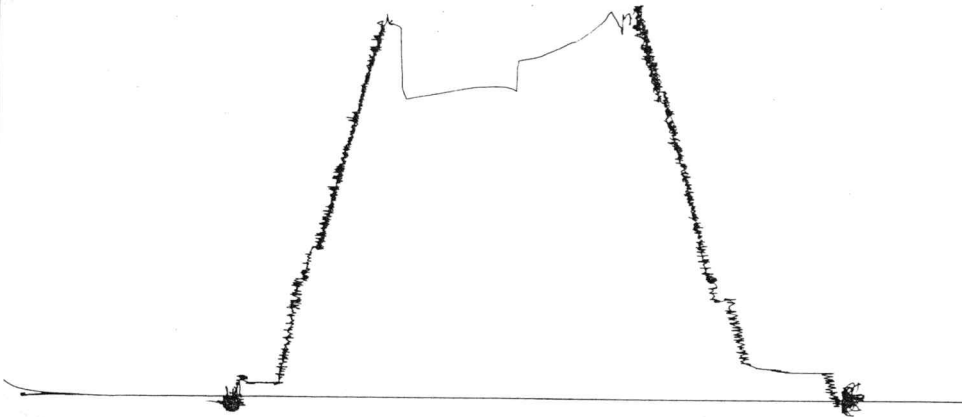
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Straddle



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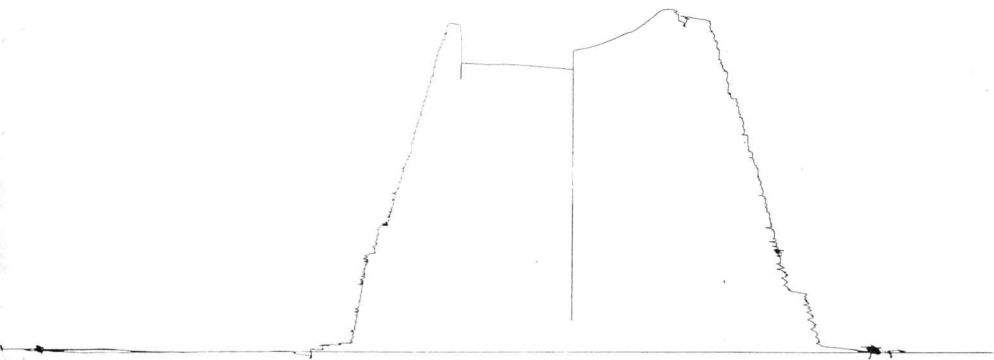
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Btm Straddle

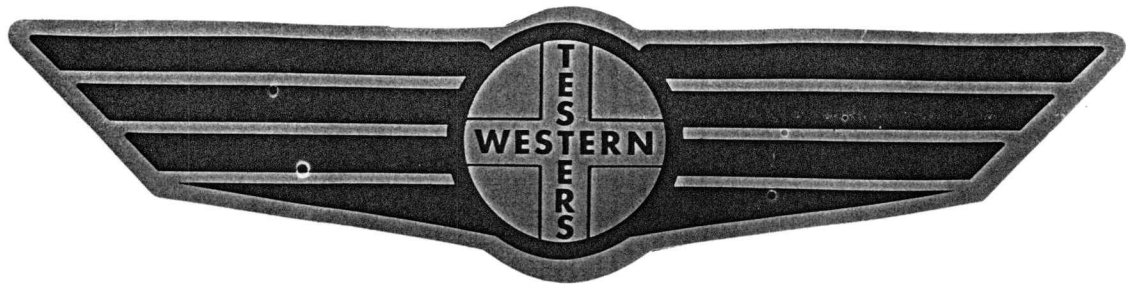


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FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1-800-688-7021

DST REPORT

GENERAL INFORMATION

DATE	: 10/21/94	TICKET	: 20966
CUSTOMER	: EDMISTON OIL COMPANY	LEASE	: MAGILL B
WELL	: #1	TEST:	3
ELEVATION:	1640GL	GEOLOGIST:	?
SECTION	: 25	FORMATION:	HERTA
RANGE	: 9W	TOWNSHIP	: 29S
GAUGE SN#:	4339	STATE	: KS
	COUNTY: KINGMAN	CLOCK	: 12
	RANGE : 4300		

WELL INFORMATION

PERFORATION INTERVAL FROM:	3936.00 ft	TO:	3966.00 ft	TVD:	4300.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	OIL
DEPTH OF RECORDERS:	3940.0 ft		3963.0 ft		
TEMPERATURE:	0.0				
DRILL COLLAR LENGTH:	0.0 ft	I.D.:		0.000 in	
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:		0.000 in	
DRILL PIPE LENGTH :	3915.0 ft	I.D.:		3.800 in	
TEST TOOL LENGTH :	21.0 ft	TOOL SIZE :		5.500 in	
ANCHOR LENGTH :	30.0 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:	3931.0 ft	SIZE:		6.625 in	
PACKER DEPTH:	3936.0 ft	SIZE:		6.625 in	
PACKER DEPTH:	0.0 ft	SIZE:		0.000 in	
PACKER DEPTH:	0.0 ft	SIZE:		0.000 in	

MUD INFORMATION

DRILLING CON. :	DUKE RIG #1	VISCOSITY :	0.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	0.000 cc
WEIGHT :	0.000 ppg		
CHLORIDES :	0 ppm	SERIAL NUMBER:	
JARS-MAKE :		REVERSED OUT?:	NO
DID WELL FLOW?:	NO		

COMMENTS

Comment

WEAK FOR 3 MINUTES.
PRESSURES NOT AVAILABLE.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
10.0	0.0	0.0	0.0	100.0	DRILLING MUD

RATE INFORMATION

OIL VOLUME:	0.0000	STB		
GAS VOLUME:	0.0000	SCF		
MUD VOLUME:	0.1403	STB		
WATER VOLUME:	0.0000	STB		
TOTAL FLUID :	0.1403	STB		
			TOTAL FLOW TIME:	No Events Created
			AVERAGE OIL RATE:	0.0000 STB/D
			AVERAGE WATER RATE:	0.0000 STB/D

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 0.00

Description	Duration	p1	p End
INITIAL FLOW	0.00	0.00	0.00
INITIAL SHUT-IN	0.00		0.00
FINAL FLOW	0.00	0.00	0.00
FINAL SHUT-IN	0.00		0.00

FINAL HYDROSTATIC PRESSURE: 0.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 0.00

Description	Duration	p1	p End
INITIAL FLOW	0.00	0.00	0.00
INITIAL SHUT-IN	0.00		3.00

FINAL HYDROSTATIC PRESSURE: 0.00