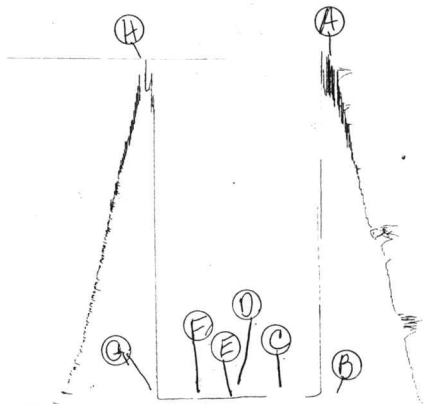


1057 Dst#1



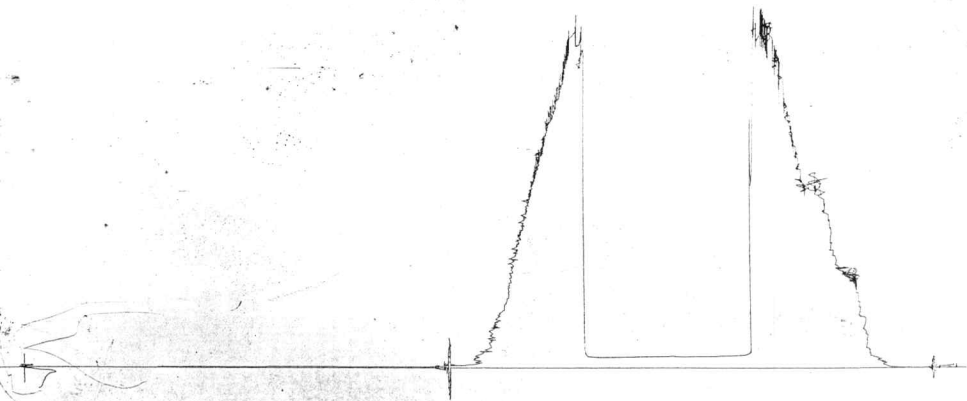
Net#20184
I.



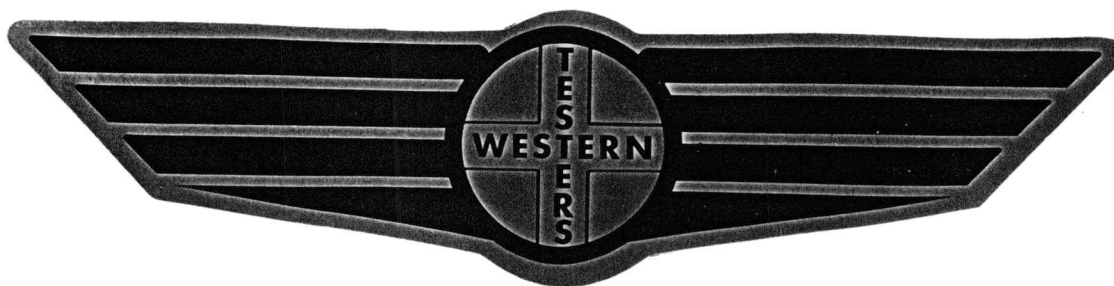
4339 DST#1

TK#20189

0.



FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1-800-688-7021

DST REPORT

GENERAL INFORMATION

DATE	: 2/1/94	TICKET	: 20184
CUSTOMER	: PICKRELL DRILLING CO INC	LEASE	: ALBIRGHT L
WELL	: #5	GEOLOGIST	: KLAVER
ELEVATION	: 1605 KB	FORMATION	: KANSAS CITY
SECTION	: 4	TOWNSHIP	: 31S
RANGE	: 7W	STATE	: KS
GAUGE SN#	: 1051	CLOCK	: 12
	COUNTY: HARPER		
	RANGE : 4150		

WELL INFORMATION

PERFORATION INTERVAL FROM:	3950.00 ft	TO:	3962.00 ft	TVD:	3962.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	OIL
DEPTH OF RECORDERS:	3953.0 ft		3956.0 ft		
TEMPERATURE:	118.0				
DRILL COLLAR LENGTH:	210.0 ft	I.D.:		2.250 in	
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:		0.000 in	
DRILL PIPE LENGTH :	3720.0 ft	I.D.:		3.800 in	
TEST TOOL LENGTH :	20.0 ft	TOOL SIZE :		5.500 in	
ANCHOR LENGTH :	12.0 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:	3945.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	3950.0 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. :	PICKRELL RIG 1	VISCOSITY :	55.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	0.000 cc
WEIGHT :	8.800 ppg		
CHLORIDES :	66000 ppm	SERIAL NUMBER:	
JARS-MAKE :		REVERSED OUT?:	NO
DID WELL FLOW?:	NO		

COMMENTS

Comment

INITIAL FLOW PERIOD VERY WEAK BLOW FOR 5 MINUTES -
THEN DIED. FINAL FLOW PERIOD VERY WEAK BLOW FOR
7 MINUTES & DIED.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
20.0	3.0	0.0	0.0	97.0	SLIGHTLY OIL CUT MUD

RATE INFORMATION

OIL VOLUME:	0.0030	STB		
GAS VOLUME:	0.0000	SCF		
MUD VOLUME:	0.0954	STB		
WATER VOLUME:	0.0000	STB		
TOTAL FLUID :	0.0983	STB		
			TOTAL FLOW TIME:	60.0000 min.
			AVERAGE OIL RATE:	2.3604 STB/D
			AVERAGE WATER RATE:	0.0000 STB/D

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1920.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	107.00	107.00
INITIAL SHUT-IN	30.00		107.00
FINAL FLOW	30.00	86.00	86.00
FINAL SHUT-IN	30.00		86.00

FINAL HYDROSTATIC PRESSURE: 1867.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1906.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	108.00	88.00
INITIAL SHUT-IN	30.00		90.00
FINAL FLOW	30.00	82.00	77.00
FINAL SHUT-IN	30.00		71.00

FINAL HYDROSTATIC PRESSURE: 1842.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 2/1/94	TICKET : 20184
CUSTOMER : PICKRELL DRILLING CO INC	LEASE : ALBIRGHT L
WELL : #5	GEOLOGIST: KLAVER
ELEVATION: 1605 KB	FORMATION: KANSAS CITY
SECTION : 4	TOWNSHIP : 31S
RANGE : 7W	STATE : KS
GAUGE SN#: 1051	CLOCK : 12
COUNTY: HARPER	
RANGE : 4150	

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	108.00	108.00
5.00	93.00	-15.00
10.00	88.00	-5.00
15.00	88.00	0.00
20.00	88.00	0.00
25.00	88.00	0.00
30.00	88.00	0.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	88.00	88.00	11.00
6.00	88.00	0.00	6.00
9.00	89.00	1.00	4.33
12.00	89.00	0.00	3.50
15.00	89.00	0.00	3.00
18.00	89.00	0.00	2.67
21.00	90.00	1.00	2.43
24.00	90.00	0.00	2.25
27.00	90.00	0.00	2.11
30.00	90.00	0.00	2.00

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	82.00	82.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW (CONTINUED)

Time (min)	Pressure	Delta P
5.00	81.00	-1.00
10.00	81.00	0.00
15.00	80.00	-1.00
20.00	79.00	-1.00
25.00	78.00	-1.00
30.00	77.00	-1.00

FINAL SHUT IN

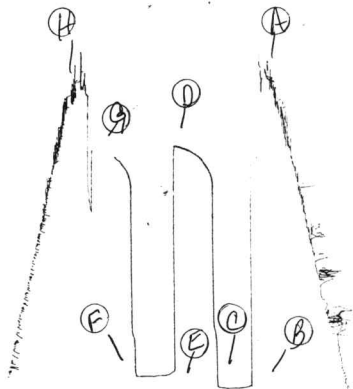
Time (min)	Pressure	Delta P	Horner T
3.00	77.00	77.00	11.00
6.00	76.00	-1.00	6.00
9.00	76.00	0.00	4.33
12.00	75.00	-1.00	3.50
15.00	75.00	0.00	3.00
18.00	74.00	-1.00	2.67
21.00	74.00	0.00	2.43
24.00	73.00	-1.00	2.25
27.00	72.00	-1.00	2.11
30.00	71.00	-1.00	2.00

1057 D3T#2



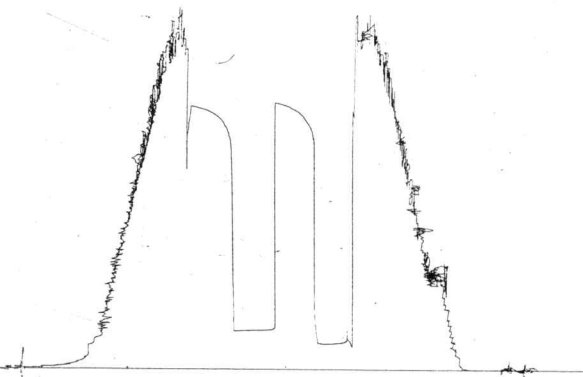
7T#20185

I.

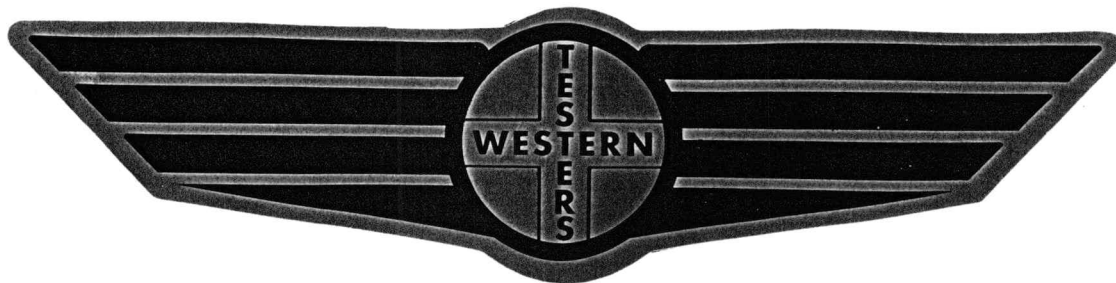


4332 DST#2

TK#20185
01



FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1-800-688-7021

COMPANY PICKRELL DRILLING CO., INC. LEASE & WELL NO. #5 ALBRIGHT L SEC. 4 TWP. 31S RGE. 7W TEST NO. 2 DATE 2/2/94

DST REPORT

GENERAL INFORMATION

DATE	: 2/2/94	TICKET	: 20185
CUSTOMER	: PICKRELL DRILLING CO INC	LEASE	: ALBIRGHT L
WELL	: #5	TEST: 2	GEOLOGIST: KLAVER
ELEVATION	: 1605 KB	FORMATION	: KANSAS CITY
SECTION	: 4	TOWNSHIP	: 31S
RANGE	: 7W	STATE	: KS
GAUGE SN#	: 1051	RANGE	: 4150
		CLOCK	: 12

WELL INFORMATION

PERFORATION INTERVAL FROM:	3970.00 ft	TO:	3990.00 ft	TVD:	3990.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	OIL
DEPTH OF RECORDERS:	3981.0 ft		3984.0 ft		
TEMPERATURE:	118.0				
DRILL COLLAR LENGTH:	210.0 ft	I.D.:	2.250 in		
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:	0.000 in		
DRILL PIPE LENGTH :	3740.0 ft	I.D.:	3.800 in		
TEST TOOL LENGTH :	20.0 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:	3965.0 ft	SIZE:	6.630 in		
PACKER DEPTH:	3970.0 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. :	PICKRELL RIG 1	VISCOSITY :	55.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	11.200 cc
WEIGHT :	8.800 ppg		
CHLORIDES :	4000 ppm	SERIAL NUMBER:	
JARS-MAKE :		REVERSED OUT?:	NO
DID WELL FLOW?:	NO		

COMMENTS

Comment

INITIAL FLOW PRIOD WEAK 1 INCH BLOW - DEPLEATING
TO NO BLOW FOR 25 MINUTES. FINAL FLOW PERIOD
SURFACE BLOW FOR 10 MINUTES AND DIED.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
120.0	1.0	0.0	15.0	84.0	SLIGHTLY OIL CUT THIN MUD
240.0	0.0	0.0	100.0	0.0	WATER
0.0	0.0	0.0	0.0	0.0	CHLORIDES 98000 PPM

RATE INFORMATION

OIL VOLUME:	0.0168	STB		
GAS VOLUME:	0.0000	SCF		
MUD VOLUME:	1.4139	STB	TOTAL FLOW TIME:	60.0000 min.
WATER VOLUME:	1.7059	STB	AVERAGE OIL RATE:	2.5247 STB/D
TOTAL FLUID :	3.1366	STB	AVERAGE WATER RATE:	72.7542 STB/D

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1920.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	161.00	161.00
INITIAL SHUT-IN	30.00		1472.00
FINAL FLOW	30.00	215.00	215.00
FINAL SHUT-IN	30.00		1472.00

FINAL HYDROSTATIC PRESSURE: 1867.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1861.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	150.00	142.00
INITIAL SHUT-IN	36.00		1425.00
FINAL FLOW	30.00	227.00	196.00
FINAL SHUT-IN	33.00		1415.00

FINAL HYDROSTATIC PRESSURE: 1820.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 2/2/94	TICKET : 20185
CUSTOMER : PICKRELL DRILLING CO INC	LEASE : ALBIRGHT L
WELL : #5	GEOLOGIST: KLAVER
ELEVATION: 1605 KB	FORMATION: KANSAS CITY
SECTION : 4	TOWNSHIP : 31S
RANGE : 7W	STATE : KS
GAUGE SN#: 1051	CLOCK : 12
COUNTY: HARPER	
RANGE : 4150	

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	150.00	150.00
5.00	140.00	-10.00
10.00	138.00	-2.00
15.00	136.00	-2.00
20.00	138.00	2.00
25.00	140.00	2.00
30.00	142.00	2.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	458.00	458.00	11.00
6.00	743.00	285.00	6.00
9.00	1268.00	525.00	4.33
12.00	1320.00	52.00	3.50
15.00	1351.00	31.00	3.00
18.00	1374.00	23.00	2.67
21.00	1386.00	12.00	2.43
24.00	1398.00	12.00	2.25
27.00	1409.00	11.00	2.11
30.00	1417.00	8.00	2.00
33.00	1423.00	6.00	1.91
36.00	1425.00	2.00	1.83

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	227.00	227.00
5.00	202.00	-25.00
10.00	198.00	-4.00
15.00	198.00	0.00
20.00	197.00	-1.00
25.00	196.00	-1.00
30.00	196.00	0.00

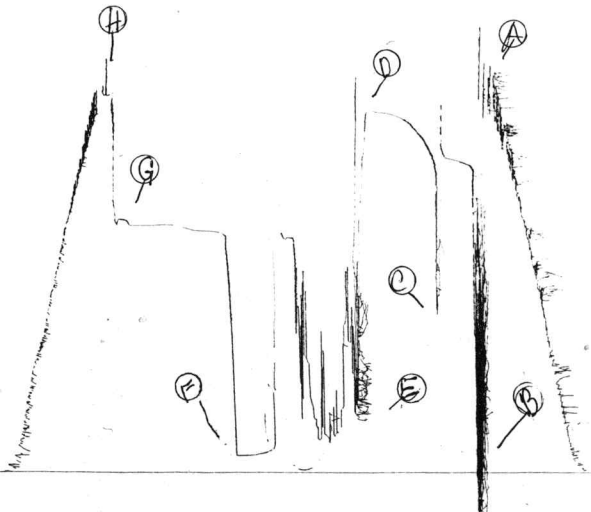
FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	415.00	415.00	11.00
6.00	813.00	398.00	6.00
9.00	1259.00	446.00	4.33
12.00	1305.00	46.00	3.50
15.00	1334.00	29.00	3.00
18.00	1361.00	27.00	2.67
21.00	1376.00	15.00	2.43
24.00	1392.00	16.00	2.25
27.00	1400.00	8.00	2.11
30.00	1409.00	9.00	2.00
33.00	1415.00	6.00	1.91

1051 D3T#3



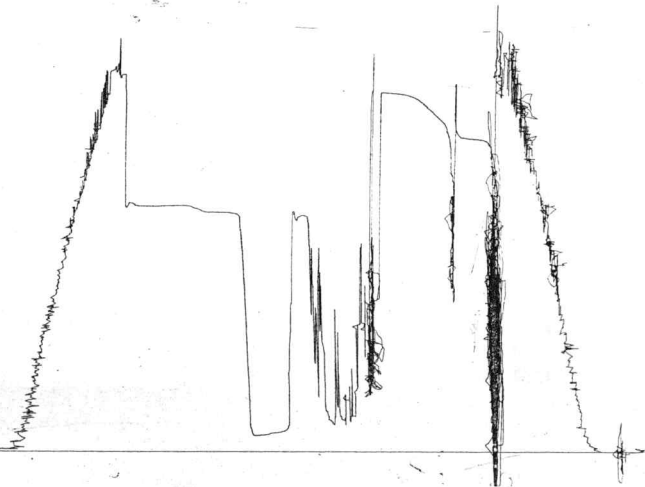
TK#20186
I.



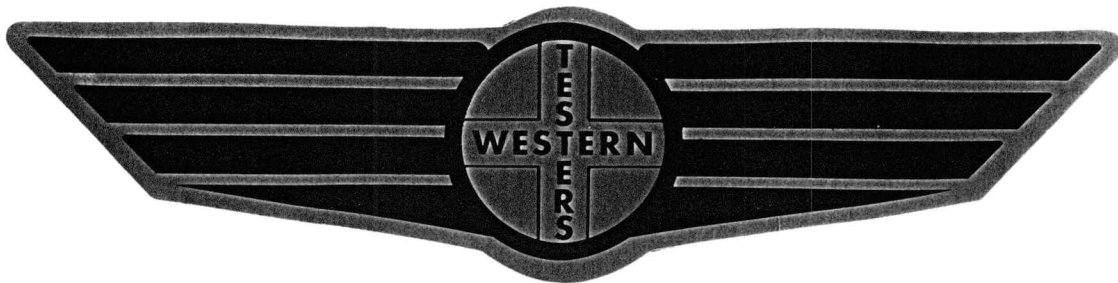
4332 Dgt#3

TK#20186

Q.



FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1-800-688-7021

DST REPORT

GENERAL INFORMATION

DATE : 2/4/94
CUSTOMER : PICKRELL DRILLING CO INC
WELL : #5 TEST: 3
ELEVATION: 1605 KB
SECTION : 4
RANGE : 7W COUNTY: HARPER
GAUGE SN#: 1051 RANGE : 4150

TICKET : 20186
LEASE : ALBIRGHT L
GEOLOGIST: KLAVER
FORMATION: MISSISSIPPI
TOWNSHIP : 31S
STATE : KS
CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4356.00 ft TO: 4366.00 ft TVD: 4366.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 4359.0 ft 4362.0 ft
TEMPERATURE: 121.0

DRILL COLLAR LENGTH:	210.0 ft	I.D.:	2.250 in
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:	0.000 in
DRILL PIPE LENGTH :	4126.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH :	20.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH :	10.0 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:	4351.0 ft	SIZE:	6.630 in
PACKER DEPTH:	4356.0 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. : PICKRELL RIG 1
MUD TYPE : CHEMICAL
WEIGHT : 8.900 ppg
CHLORIDES : 13000 ppm
JARS-MAKE :
DID WELL FLOW?: NO

VISCOSITY : 57.00 cp
WATER LOSS: 14.000 cc

SERIAL NUMBER:
REVERSED OUT?: NO

COMMENTS

Comment

INITIAL FLOW PERIOD VERY WEAK BLOW FOR 10 MINUTES
& DIED. FINAL FLOW PERIOD NO BLOW - FLUSHED TOOL
ERADIC BLOW - WEAK TO STRONG.

DST REPORT (CONTINUED)

COMMENTS (CONTINUED)

Comment

SLID TOOL 6 FT TO BOTTOM.
PLUGGING INITIAL FLOW PERIOD

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
150.0	10.0	10.0	0.0	80.0	SL. OIL & GAS CUT HVY MUD

RATE INFORMATION

OIL VOLUME:	0.0738	STB		
GAS VOLUME:	0.4142	SCF		
MUD VOLUME:	0.5901	STB		
WATER VOLUME:	0.0000	STB		
TOTAL FLUID :	0.6639	STB		
			TOTAL FLOW TIME:	120.0000 min.
			AVERAGE OIL RATE:	7.9663 STB/D
			AVERAGE WATER RATE:	0.0000 STB/D

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2131.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	0.00	0.00
INITIAL SHUT-IN	60.00		0.00
FINAL FLOW	90.00	107.00	107.00
FINAL SHUT-IN	90.00		1387.00

FINAL HYDROSTATIC PRESSURE: 2080.00

DST REPORT (CONTINUED)

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2144.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	5.00	1760.00
INITIAL SHUT-IN	60.00		1983.00
FINAL FLOW	90.00	360.00	95.00
FINAL SHUT-IN	90.00		1382.00

FINAL HYDROSTATIC PRESSURE: 2085.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE	: 2/4/94	TICKET	: 20186
CUSTOMER	: PICKRELL DRILLING CO INC	LEASE	: ALBIRGHT L
WELL	: #5	GEOLOGIST	: KLAVER
ELEVATION	: 1605 KB	FORMATION	: MISSISSIPPI
SECTION	: 4	TOWNSHIP	: 31S
RANGE	: 7W	STATE	: KS
GAUGE SN#	: 1051	CLOCK	: 12
	COUNTY: HARPER		
	RANGE : 4150		

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	5.00	5.00
5.00	112.00	107.00
10.00	485.00	373.00
15.00	1453.00	968.00
20.00	1690.00	237.00
25.00	1707.00	17.00
30.00	1760.00	53.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	1762.00	1762.00	11.00
6.00	1696.00	-66.00	6.00
9.00	1758.00	62.00	4.33
12.00	1805.00	47.00	3.50
15.00	1840.00	35.00	3.00
18.00	1865.00	25.00	2.67
21.00	1895.00	30.00	2.43
24.00	1917.00	22.00	2.25
27.00	1929.00	12.00	2.11
30.00	1942.00	13.00	2.00
33.00	1953.00	11.00	1.91
36.00	1961.00	8.00	1.83
39.00	1970.00	9.00	1.77
42.00	1972.00	2.00	1.71
45.00	1976.00	4.00	1.67
48.00	1979.00	3.00	1.63
51.00	1980.00	1.00	1.59
54.00	1981.00	1.00	1.56
57.00	1982.00	1.00	1.53

PRESSURE TRANSIENT REPORT (CONTINUED)

INITIAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
60.00	1983.00	1.00	1.50

FINAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	360.00	360.00
5.00	221.00	-139.00
10.00	252.00	31.00
15.00	187.00	-65.00
20.00	189.00	2.00
25.00	176.00	-13.00
30.00	183.00	7.00
35.00	386.00	203.00
40.00	634.00	248.00
45.00	911.00	277.00
50.00	1267.00	356.00
55.00	1309.00	42.00
60.00	1305.00	-4.00
65.00	972.00	-333.00
70.00	110.00	-862.00
75.00	95.00	-15.00
80.00	95.00	0.00
85.00	95.00	0.00
90.00	95.00	0.00

FINAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	551.00	551.00	31.00
6.00	789.00	238.00	16.00
9.00	1095.00	306.00	11.00
12.00	1294.00	199.00	8.50
15.00	1313.00	19.00	7.00
18.00	1317.00	4.00	6.00
21.00	1322.00	5.00	5.29
24.00	1322.00	0.00	4.75
27.00	1322.00	0.00	4.33
30.00	1323.00	1.00	4.00

PRESSURE TRANSIENT REPORT (CONTINUED)

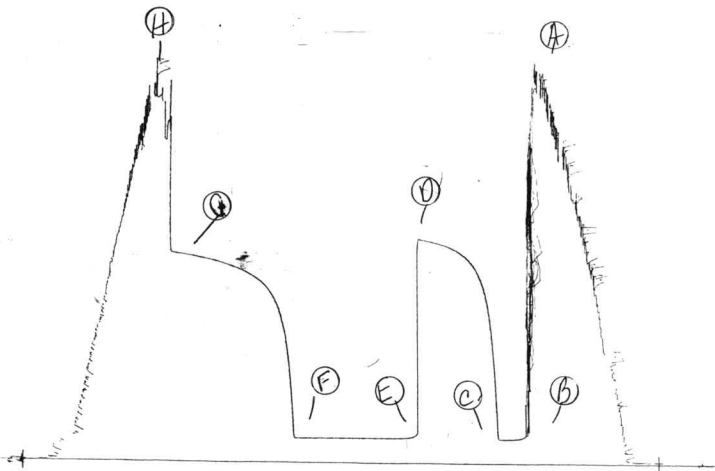
FINAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
33.00	1323.00	0.00	3.73
36.00	1324.00	1.00	3.50
39.00	1325.00	1.00	3.31
42.00	1333.00	8.00	3.14
45.00	1339.00	6.00	3.00
48.00	1345.00	6.00	2.88
51.00	1349.00	4.00	2.76
54.00	1354.00	5.00	2.67
57.00	1355.00	1.00	2.58
60.00	1355.00	0.00	2.50
63.00	1353.00	-2.00	2.43
66.00	1353.00	0.00	2.36
69.00	1353.00	0.00	2.30
72.00	1353.00	0.00	2.25
75.00	1353.00	0.00	2.20
78.00	1353.00	0.00	2.15
81.00	1353.00	0.00	2.11
84.00	1353.00	0.00	2.07
87.00	1379.00	26.00	2.03
90.00	1382.00	3.00	2.00

1051 DST# 4

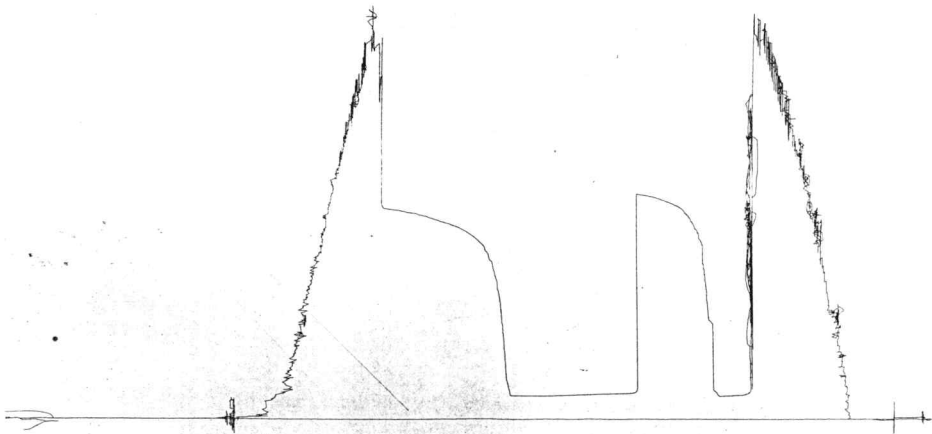


TK# 20184
I.

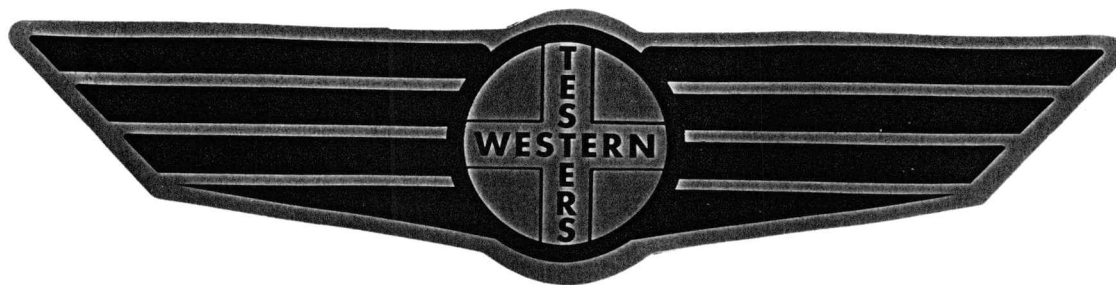


4332 DST # 4

TK+ # 20189
0.



FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1-800-688-7021

COMPANY PICKRELL DRILLING CO., INC. LEASE & WELL NO. #5 ALBRIGHT L SEC. 4 TWP. 31S RGE. 7W TEST NO. 4 DATE 2/4/94

DST REPORT

GENERAL INFORMATION

DATE : 2/4/94
CUSTOMER : PICKRELL DRILLING CO INC
WELL : #5 TEST: 4
ELEVATION: 1605 KB
SECTION : 4
RANGE : 7W COUNTY: HARPER
GAUGE SN#: 1051 RANGE : 4150

TICKET : 20187
LEASE : ALBIRGHT L
GEOLOGIST: KLAVER
FORMATION: MISSISSIPPI
TOWNSHIP : 31S
STATE : KS
CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4356.00 ft TO: 4371.00 ft TVD: 4371.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: GAS
DEPTH OF RECORDERS: 4359.0 ft 4362.0 ft
TEMPERATURE: 126.0

DRILL COLLAR LENGTH:	210.0 ft	I.D.:	2.250 in
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:	0.000 in
DRILL PIPE LENGTH :	4126.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH :	20.0 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:	4351.0 ft	SIZE:	6.630 in
PACKER DEPTH:	4356.0 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. : PICKRELL RIG 1
MUD TYPE : CHEMICAL
WEIGHT : 9.100 ppG
CHLORIDES : 10000 ppm
JARS-MAKE :
DID WELL FLOW?: NO

VISCOSITY : 44.00 cp
WATER LOSS: 11.600 cc

SERIAL NUMBER:
REVERSED OUT?: NO

COMMENTS

Comment

INITIAL FLOW PERIOD STRONG BLOW IN 2 MINUTES.
FINAL FLOW PERIOD STRONG BLOW. GAS TO SURFACE IN
2 MINUTES. SEE GAS SHEET ATTACHED.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
180.0	20.0	25.0	0.0	55.0	GAS & OIL CUT MUD
120.0	5.0	10.0	85.0	0.0	GAS & OIL CUT WATER
0.0	0.0	0.0	0.0	0.0	CHLORIDES 87000 PPM

RATE INFORMATION

OIL VOLUME:	0.3705 STB	
GAS VOLUME:	2.7247 SCF	
MUD VOLUME:	0.9377 STB	TOTAL FLOW TIME: 125.0000 min.
WATER VOLUME:	0.5016 STB	AVERAGE OIL RATE: 15.0706 STB/D
TOTAL FLUID :	1.8098 STB	AVERAGE WATER RATE: 5.7782 STB/D

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2134.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	139.00	139.00
INITIAL SHUT-IN	60.00		1228.00
FINAL FLOW	90.00	139.00	139.00
FINAL SHUT-IN	90.00		1175.00

FINAL HYDROSTATIC PRESSURE: 2134.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2166.00

Description	Duration	p1	p End
INITIAL FLOW	25.00	172.00	133.00
INITIAL SHUT-IN	60.00		1224.00
FINAL FLOW	100.00	157.00	130.00
FINAL SHUT-IN	90.00		1145.00

FINAL HYDROSTATIC PRESSURE: 2121.00

GAS FLOW REPORT

GENERAL INFORMATION

DATE : 2/4/94 CUSTOMER : PICKRELL DRILLING CO INC WELL : #5 ELEVATION: 1605 KB SECTION : 4 RANGE : 7W GAUGE SN#: 1051	TEST: 4	TICKET : 20187 LEASE : ALBIRGHT L GEOLOGIST: KLAVER FORMATION: MISSISSIPPI TOWNSHIP : 31S STATE : KS CLOCK : 12
COUNTY: HARPER RANGE : 4150		

PRE FLOW

Time Guage (min)	Tester Type	Orifice Size	Pressure	Flow Desc.
---------------------	----------------	-----------------	----------	------------

SECOND FLOW

Time Guage (min)	Tester Type	Orifice Size	Pressure	Flow Desc.
10 MIN	MERLA	0.500	8" WATER	17200 SCF/D
20 MIN	MERLA	0.500	8" WATER	17200 SCF/D
30 MIN	MERLA	0.500	8" WATER	17200 SCF/D
40 MIN	MERLA	0.500	8" WATER	17200 SCF/D
50 MIN	MERLA	0.500	8" WATER	17200 SCF/D
60 MIN	MERLA	0.500	8" WATER	17200 SCF/D
70 MIN	MERLA	0.500	8" WATER	17200 SCF/D
80 MIN	MERLA	0.500	8" WATER	17200 SCF/D
90 MIN	MERLA	0.500	8" WATER	17200 SCF/D

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE	: 2/4/94	TICKET	: 20187
CUSTOMER	: PICKRELL DRILLING CO INC	LEASE	: ALBIRGHT L
WELL	: #5	GEOLOGIST	: KLAVER
ELEVATION	: 1605 KB	FORMATION	: MISSISSIPPI
SECTION	: 4	TOWNSHIP	: 31S
RANGE	: 7W	STATE	: KS
GAUGE SN#	: 1051	CLOCK	: 12
	COUNTY: HARPER		
	RANGE : 4150		

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	172.00	172.00
5.00	144.00	-28.00
10.00	131.00	-13.00
15.00	130.00	-1.00
20.00	130.00	0.00
25.00	133.00	3.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	387.00	387.00	9.33
6.00	623.00	236.00	5.17
9.00	785.00	162.00	3.78
12.00	904.00	119.00	3.08
15.00	974.00	70.00	2.67
18.00	1027.00	53.00	2.39
21.00	1063.00	36.00	2.19
24.00	1104.00	41.00	2.04
27.00	1125.00	21.00	1.93
30.00	1140.00	15.00	1.83
33.00	1157.00	17.00	1.76
36.00	1171.00	14.00	1.69
39.00	1182.00	11.00	1.64
42.00	1188.00	6.00	1.60
45.00	1197.00	9.00	1.56
48.00	1203.00	6.00	1.52
51.00	1212.00	9.00	1.49
54.00	1216.00	4.00	1.46
57.00	1220.00	4.00	1.44
60.00	1224.00	4.00	1.42

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	157.00	157.00
5.00	133.00	-24.00
10.00	133.00	0.00
15.00	133.00	0.00
20.00	133.00	0.00
25.00	132.00	-1.00
30.00	132.00	0.00
35.00	132.00	0.00
40.00	132.00	0.00
45.00	131.00	-1.00
50.00	131.00	0.00
55.00	131.00	0.00
60.00	131.00	0.00
65.00	131.00	0.00
70.00	130.00	-1.00
75.00	130.00	0.00
80.00	130.00	0.00
85.00	130.00	0.00
90.00	130.00	0.00
95.00	130.00	0.00
100.00	130.00	0.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	383.00	383.00	34.33
6.00	604.00	221.00	17.67
9.00	712.00	108.00	12.11
12.00	802.00	90.00	9.33
15.00	860.00	58.00	7.67
18.00	906.00	46.00	6.56
21.00	942.00	36.00	5.76
24.00	966.00	24.00	5.17
27.00	989.00	23.00	4.70
30.00	1006.00	17.00	4.33
33.00	1021.00	15.00	4.03
36.00	1033.00	12.00	3.78
39.00	1044.00	11.00	3.56
42.00	1053.00	9.00	3.38
45.00	1063.00	10.00	3.22
48.00	1072.00	9.00	3.08
51.00	1078.00	6.00	2.96

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

Time (min)	Pressure	Delta P	Horner T
54.00	1087.00	9.00	2.85
57.00	1095.00	8.00	2.75
60.00	1101.00	6.00	2.67
63.00	1108.00	7.00	2.59
66.00	1112.00	4.00	2.52
69.00	1118.00	6.00	2.45
72.00	1123.00	5.00	2.39
75.00	1128.00	5.00	2.33
78.00	1133.00	5.00	2.28
81.00	1138.00	5.00	2.23
84.00	1141.00	3.00	2.19
87.00	1143.00	2.00	2.15
90.00	1145.00	2.00	2.11

1057 D8T#5

TK# 20188

I.



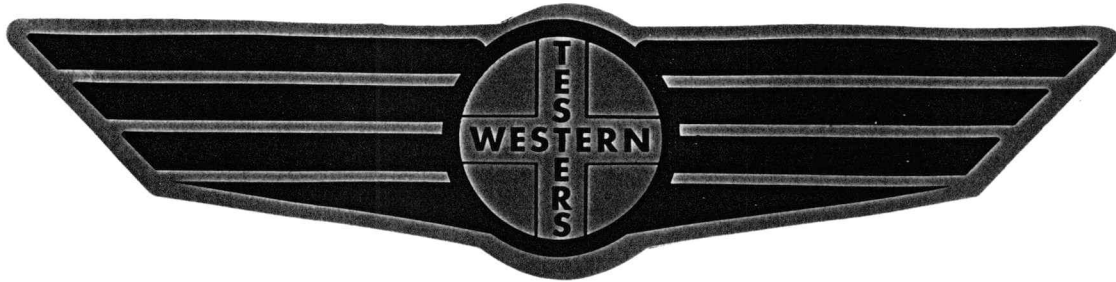
4332 D8T#5

TK# 20188

①



FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1-800-688-7021

COMPANY PICKRELL DRILLING CO., INC. LEASE & WELL NO. #5 ALBRIGHT L SEC. 4 TWP. 31S RGE. 7W TEST NO. 5 DATE 2/5/94

DST REPORT

GENERAL INFORMATION

DATE	: 2/5/94	TICKET	: 20188
CUSTOMER	: PICKRELL DRILLING CO INC	LEASE	: ALBIRGHT L
WELL	: #5	TEST: 5	GEOLOGIST: KLAVER
ELEVATION	: 1605 KB	FORMATION	: MISSISSIPPI
SECTION	: 4	TOWNSHIP	: 31S
RANGE	: 7W	COUNTY: HARPER	STATE : KS
GAUGE SN#	: 1051	RANGE : 4150	CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM:	4371.00 ft	TO:	4381.00 ft	TVD:	4381.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	OIL
DEPTH OF RECORDERS:	4373.0 ft		4376.0 ft		
TEMPERATURE:	0.0				
DRILL COLLAR LENGTH:	210.0 ft	I.D.:		2.250 in	
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:		0.000 in	
DRILL PIPE LENGTH :	4141.0 ft	I.D.:		3.800 in	
TEST TOOL LENGTH :	20.0 ft	TOOL SIZE :		5.500 in	
ANCHOR LENGTH :	10.0 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:	4366.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	4371.0 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. :	PICKRELL RIG 1	VISCOSITY :	44.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	11.600 cc
WEIGHT :	9.100 ppq		
CHLORIDES :	10000 ppm	SERIAL NUMBER:	
JARS-MAKE :		REVERSED OUT?:	NO
DID WELL FLOW?:	NO		

COMMENTS

Comment

MISRUN. COULD NOT GET TO BOTTOM.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
No Data Entered					

RATE INFORMATION

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

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

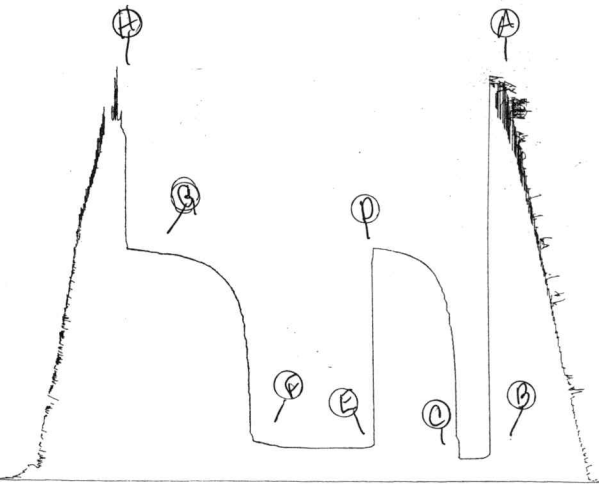
INITIAL HYDROSTATIC PRESSURE:		2091.00	
Description	Duration	p1	p End
INITIAL FLOW	0.00	0.00	0.00
INITIAL SHUT-IN	0.00		0.00
FINAL HYDROSTATIC PRESSURE:		2049.00	

1057 DST #6



TK#20189

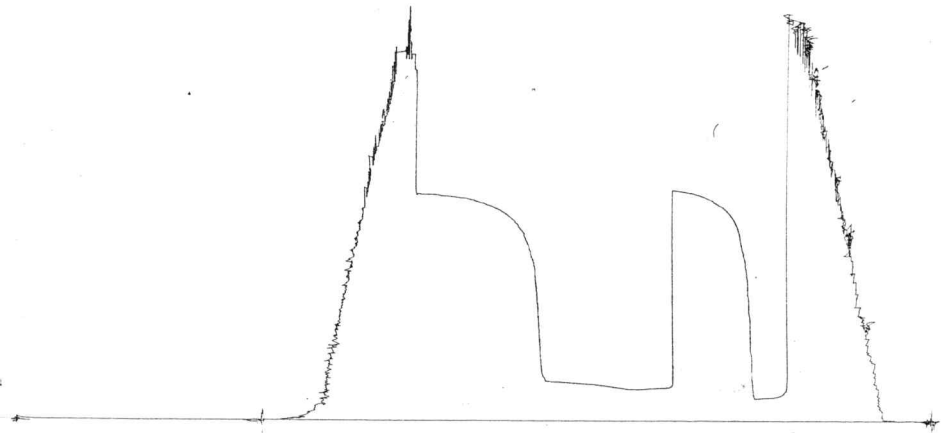
I.



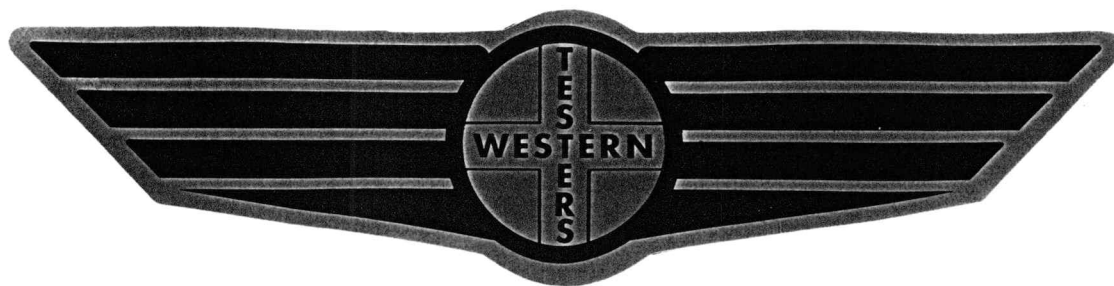
4332 DST # 6

TK#20189

0.



FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1-800-688-7021

DST REPORT

GENERAL INFORMATION

DATE : 2/5/94
CUSTOMER : PICKRELL DRILLING CO INC
WELL : #5 TEST: 6
ELEVATION: 1605 KB
SECTION : 4
RANGE : 7W COUNTY: HARPER
GAUGE SN#: 1051 RANGE : 4150

TICKET : 20189
LEASE : ALBIRGHT L
GEOLOGIST: KLAVER
FORMATION: MISSISSIPPI
TOWNSHIP : 31S
STATE : KS
CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 4371.00 ft TO: 4381.00 ft TVD: 4381.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 4373.0 ft 4376.0 ft
TEMPERATURE: 138.0

DRILL COLLAR LENGTH:	210.0 ft	I.D.:	2.250 in
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:	0.000 in
DRILL PIPE LENGTH :	4141.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH :	20.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH :	10.0 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:	4366.0 ft	SIZE:	6.630 in
PACKER DEPTH:	4371.0 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. : PICKRELL RIG 1
MUD TYPE : CHEMICAL
WEIGHT : 9.200 ppg
CHLORIDES : 13000 ppm
JARS-MAKE :
DID WELL FLOW?: NO

VISCOSITY : 65.00 cp
WATER LOSS: 13.200 cc

SERIAL NUMBER:
REVERSED OUT?: NO

COMMENTS

Comment

INITIAL FLOW PERIOD STRONG BLOW IN 5 MINUTES -
DEPLEATING TO AN 8 INCH BLOW. FINAL FLOW PERIOD
STEADY 3 INCH BLOW. NO GAS TO SURFACE.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
0.0	0.0	0.0	0.0	0.0	868 FT GAS ABOVE FLUID
180.0	5.0	10.0	15.0	70.0	SL OIL & GAS CUT MUD
120.0	0.0	10.0	55.0	35.0	GASSY MUDDY WATER
650.0	0.0	0.0	100.0	0.0	WATER
0.0	0.0	0.0	0.0	0.0	CHLORIDES 105000 PPM

RATE INFORMATION

OIL VOLUME: 0.1262 STB
 GAS VOLUME: 2.3627 SCF
 MUD VOLUME: 2.3564 STB
 WATER VOLUME: 8.5087 STB
 TOTAL FLUID : 10.9914 STB

TOTAL FLOW TIME: 120.0000 min.
 AVERAGE OIL RATE: 6.8168 STB/D
 AVERAGE WATER RATE: 125.0798 STB/D

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2241.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	139.00	139.00
INITIAL SHUT-IN	60.00		1302.00
FINAL FLOW	90.00	215.00	215.00
FINAL SHUT-IN	90.00		1302.00

FINAL HYDROSTATIC PRESSURE: 2080.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2198.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	155.00	128.00
INITIAL SHUT-IN	60.00		1282.00
FINAL FLOW	90.00	209.00	226.00
FINAL SHUT-IN	96.00		1275.00

FINAL HYDROSTATIC PRESSURE: 2058.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 2/5/94	TICKET : 20189
CUSTOMER : PICKRELL DRILLING CO INC	LEASE : ALBIRGHT L
WELL : #5	GEOLOGIST: KLAVER
ELEVATION: 1605 KB	FORMATION: MISSISSIPPI
SECTION : 4	TOWNSHIP : 31S
RANGE : 7W	STATE : KS
GAUGE SN#: 1051	CLOCK : 12
COUNTY: HARPER	
RANGE : 4150	

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	155.00	155.00
5.00	133.00	-22.00
10.00	132.00	-1.00
15.00	131.00	-1.00
20.00	130.00	-1.00
25.00	129.00	-1.00
30.00	128.00	-1.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	407.00	407.00	11.00
6.00	727.00	320.00	6.00
9.00	904.00	177.00	4.33
12.00	1004.00	100.00	3.50
15.00	1061.00	57.00	3.00
18.00	1108.00	47.00	2.67
21.00	1146.00	38.00	2.43
24.00	1169.00	23.00	2.25
27.00	1195.00	26.00	2.11
30.00	1207.00	12.00	2.00
33.00	1222.00	15.00	1.91
36.00	1241.00	19.00	1.83
39.00	1248.00	7.00	1.77
42.00	1254.00	6.00	1.71
45.00	1260.00	6.00	1.67
48.00	1265.00	5.00	1.63
51.00	1271.00	6.00	1.59
54.00	1275.00	4.00	1.56
57.00	1277.00	2.00	1.53

PRESSURE TRANSIENT REPORT (CONTINUED)

INITIAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
60.00	1282.00	5.00	1.50

FINAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	209.00	209.00
5.00	189.00	-20.00
10.00	189.00	0.00
15.00	189.00	0.00
20.00	189.00	0.00
25.00	189.00	0.00
30.00	189.00	0.00
35.00	190.00	1.00
40.00	190.00	0.00
45.00	190.00	0.00
50.00	191.00	1.00
55.00	192.00	1.00
60.00	192.00	0.00
65.00	193.00	1.00
70.00	198.00	5.00
75.00	204.00	6.00
80.00	215.00	11.00
85.00	221.00	6.00
90.00	226.00	5.00

FINAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	419.00	419.00	31.00
6.00	729.00	310.00	16.00
9.00	899.00	170.00	11.00
12.00	979.00	80.00	8.50
15.00	1027.00	48.00	7.00
18.00	1062.00	35.00	6.00
21.00	1094.00	32.00	5.29
24.00	1118.00	24.00	4.75
27.00	1143.00	25.00	4.33
30.00	1160.00	17.00	4.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
33.00	1177.00	17.00	3.73
36.00	1188.00	11.00	3.50
39.00	1201.00	13.00	3.31
42.00	1207.00	6.00	3.14
45.00	1216.00	9.00	3.00
48.00	1224.00	8.00	2.88
51.00	1231.00	7.00	2.76
54.00	1235.00	4.00	2.67
57.00	1241.00	6.00	2.58
60.00	1246.00	5.00	2.50
63.00	1249.00	3.00	2.43
66.00	1251.00	2.00	2.36
69.00	1253.00	2.00	2.30
72.00	1255.00	2.00	2.25
75.00	1257.00	2.00	2.20
78.00	1260.00	3.00	2.15
81.00	1263.00	3.00	2.11
84.00	1266.00	3.00	2.07
87.00	1269.00	3.00	2.03
90.00	1272.00	3.00	2.00
93.00	1274.00	2.00	1.97
96.00	1275.00	1.00	1.94