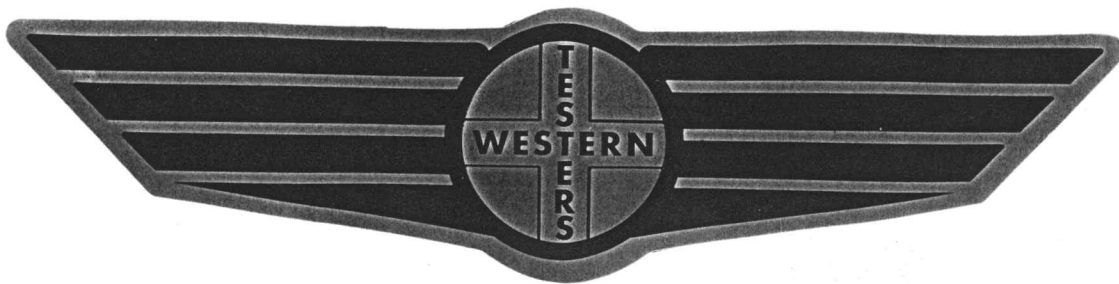


FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1-800-688-7021

COMPANY GREAT PLAINS PETROLEUM LEASE & WELL NO. #2 ADAMS B SEC. 26 TWP. 34S RCF. 29W TEST NO. 1 DATE 2/6/94

DST REPORT

GENERAL INFORMATION

DATE : 2/6/94
CUSTOMER : GREAT PLAINS PETROLEUM
WELL : #2 TEST: 1
ELEVATION: 2498 KB
SECTION : 26
RANGE : 29W COUNTY: MEADE
GAUGE SN#: 13521 RANGE : 4300

TICKET : 20239
LEASE : ADAMS B
GEOLOGIST: HASTINGS
FORMATION: MARMATON
TOWNSHIP : 34S
STATE : KS
CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 5316.00 ft TO: 5340.00 ft TVD: 5340.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: GAS
DEPTH OF RECORDERS: 5321.0 ft 5340.0 ft
TEMPERATURE: 131.0

DRILL COLLAR LENGTH:	185.0 ft	I.D.:	2.250 in
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:	0.000 in
DRILL PIPE LENGTH :	5103.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH :	28.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH :	24.0 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:	5311.0 ft	SIZE:	6.630 in
PACKER DEPTH:	5316.0 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. : ALLEN RIG 5
MUD TYPE : CHEMICAL
WEIGHT : 9.200 ppg
CHLORIDES : 2900 ppm
JARS-MAKE : WTC
DID WELL FLOW?: NO

VISCOSITY : 45.00 cp
WATER LOSS: 10.400 cc

SERIAL NUMBER: 405
REVERSED OUT?: NO

COMMENTS

Comment

INITIAL FLOW PERIOD GAS TO SURFACE IN 6 MINUTES.
CONDENSATE DRIPPING OUT OF TEST LINE ON FINAL FLOW
PERIOD. SEE GAS SHEET ATTACHED.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
480.0	100.0	0.0	0.0	0.0	CLEAN GASSY OIL
0.0	0.0	0.0	0.0	0.0	GRAVITY 42
240.0	80.0	0.0	0.0	20.0	MUDDY GASSY OIL
360.0	0.0	0.0	100.0	0.0	SALTWATER
0.0	0.0	0.0	0.0	0.0	CHLORIDES 111000 PPM

RATE INFORMATION

OIL VOLUME: 9.4257 STB
 GAS VOLUME: 0.0000 SCF
 MUD VOLUME: 0.6733 STB
 WATER VOLUME: 3.3643 STB
 TOTAL FLUID : 13.4633 STB

TOTAL FLOW TIME: 85.0000 min.
 AVERAGE OIL RATE: 171.0885 STB/D
 AVERAGE WATER RATE: 56.9960 STB/D

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2556.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	276.00	254.00
INITIAL SHUT-IN	60.00		1576.00
FINAL FLOW	60.00	409.00	464.00
FINAL SHUT-IN	90.00		1576.00

FINAL HYDROSTATIC PRESSURE: 2510.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2565.00

Description	Duration	p1	p End
INITIAL FLOW	25.00	251.00	254.00
INITIAL SHUT-IN	60.00		1595.00
FINAL FLOW	60.00	391.00	471.00
FINAL SHUT-IN	93.00		1578.00

FINAL HYDROSTATIC PRESSURE: 2485.00

GAS FLOW REPORT

GENERAL INFORMATION

DATE : 2/6/94	TICKET : 20239
CUSTOMER : GREAT PLAINS PETROLEUM	LEASE : ADAMS B
WELL : #2	GEOLOGIST: HASTINGS
ELEVATION: 2498 KB	FORMATION: MARMATON
SECTION : 26	TOWNSHIP : 34S
RANGE : 29W	STATE : KS
GAUGE SN#: 13521	CLOCK : 12
COUNTY: MEADE	
RANGE : 4300	

PRE FLOW

Time Guage (min)	Tester Type	Orifice Size	Pressure	Flow Desc.
10 MIN	MERLA	0.500	7 PSIG	94500 SCF/D
15 MIN	MERLA	0.500	8.5 PSIG	105000 SCF/D
20 MIN	MERLA	0.500	6 PSIG	86300 SCF/D
25 MIN	MERLA	0.500	5 PSIG	78100 SCF/D
30 MIN	MERLA	0.500	5 PSIG	78100 SCF/D

SECOND FLOW

Time Guage (min)	Tester Type	Orifice Size	Pressure	Flow Desc.
5 MIN	MERLA	0.250	2 PSIG	12700 SCF/D
10 MIN	MERLA	0.250	4 PSIG	18500 SCF/D
15 MIN	MERLA	0.250	6 PSIG	22900 SCF/D
20 MIN	MERLA	0.250	9 PSIG	29000 SCF/D
25 MIN	MERLA	0.250	10 PSIG	30800 SCF/D
30 MIN	MERLA	0.250	11 PSIG	32400 SCF/D
35 MIN	MERLA	0.250	11 PSIG	32400 SCF/D
40 MIN	MERLA	0.250	11 PSIG	32400 SCF/D
50 MIN	MERLA	0.250	9.5 PSIG	29900 SCF/D
60 MIN	MERLA	0.250	6 PSIG	22900 SCF/D

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 2/6/94
 CUSTOMER : GREAT PLAINS PETROLEUM
 WELL : #2 TEST: 1
 ELEVATION: 2498 KB
 SECTION : 26
 RANGE : 29W COUNTY: MEADE
 GAUGE SN#: 13521 RANGE : 4300

TICKET : 20239
 LEASE : ADAMS B
 GEOLOGIST: HASTINGS
 FORMATION: MARMATON
 TOWNSHIP : 34S
 STATE : KS
 CLOCK : 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	251.00	251.00
5.00	251.00	0.00
10.00	251.00	0.00
15.00	251.00	0.00
20.00	252.00	1.00
25.00	254.00	2.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	673.00	673.00	9.33
6.00	876.00	203.00	5.17
9.00	985.00	109.00	3.78
12.00	1087.00	102.00	3.08
15.00	1160.00	73.00	2.67
18.00	1235.00	75.00	2.39
21.00	1287.00	52.00	2.19
24.00	1339.00	52.00	2.04
27.00	1384.00	45.00	1.93
30.00	1427.00	43.00	1.83
33.00	1455.00	28.00	1.76
36.00	1477.00	22.00	1.69
39.00	1499.00	22.00	1.64
42.00	1521.00	22.00	1.60
45.00	1533.00	12.00	1.56
48.00	1550.00	17.00	1.52
51.00	1565.00	15.00	1.49
54.00	1576.00	11.00	1.46
57.00	1589.00	13.00	1.44
60.00	1595.00	6.00	1.42

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	391.00	391.00
5.00	391.00	0.00
10.00	391.00	0.00
15.00	391.00	0.00
20.00	393.00	2.00
25.00	396.00	3.00
30.00	403.00	7.00
35.00	411.00	8.00
40.00	422.00	11.00
45.00	434.00	12.00
50.00	446.00	12.00
55.00	461.00	15.00
60.00	471.00	10.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	779.00	779.00	21.00
6.00	888.00	109.00	11.00
9.00	864.00	-24.00	7.67
12.00	1023.00	159.00	6.00
15.00	1081.00	58.00	5.00
18.00	1132.00	51.00	4.33
21.00	1178.00	46.00	3.86
24.00	1221.00	43.00	3.50
27.00	1263.00	42.00	3.22
30.00	1296.00	33.00	3.00
33.00	1325.00	29.00	2.82
36.00	1356.00	31.00	2.67
39.00	1377.00	21.00	2.54
42.00	1400.00	23.00	2.43
45.00	1421.00	21.00	2.33
48.00	1439.00	18.00	2.25
51.00	1457.00	18.00	2.18
54.00	1474.00	17.00	2.11
57.00	1487.00	13.00	2.05
60.00	1497.00	10.00	2.00
63.00	1507.00	10.00	1.95
66.00	1519.00	12.00	1.91
69.00	1524.00	5.00	1.87
72.00	1530.00	6.00	1.83
75.00	1539.00	9.00	1.80

PRESSURE TRANSIENT REPORT (CONTINUED)

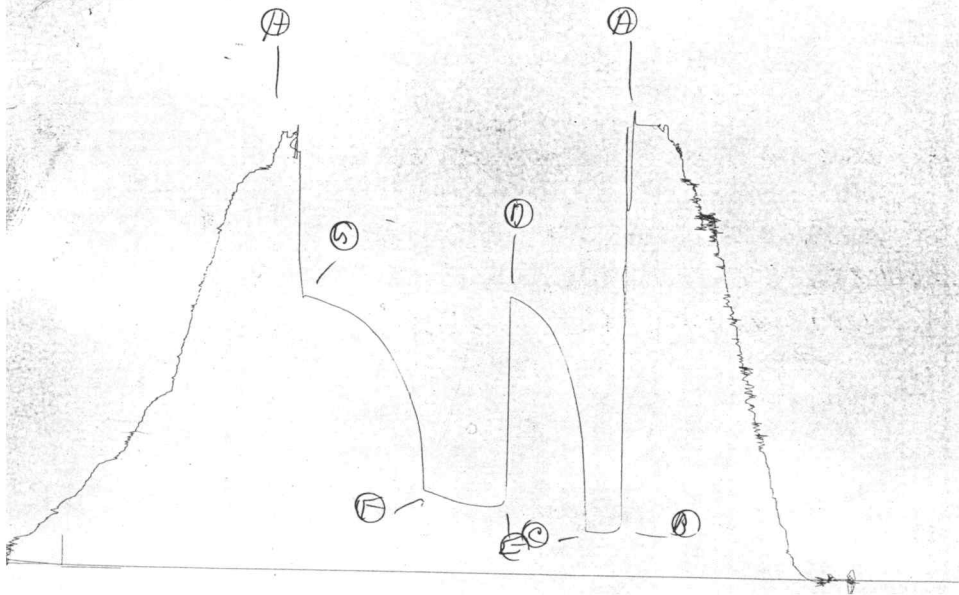
FINAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
78.00	1548.00	9.00	1.77
81.00	1557.00	9.00	1.74
84.00	1565.00	8.00	1.71
87.00	1572.00	7.00	1.69
90.00	1575.00	3.00	1.67
93.00	1578.00	3.00	1.65

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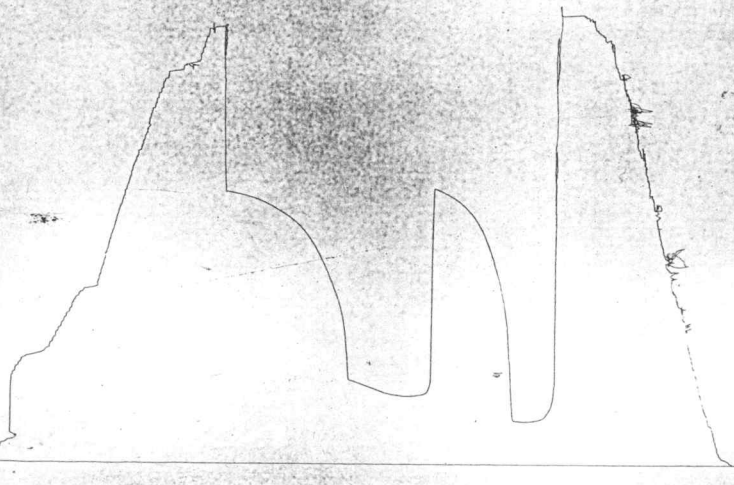
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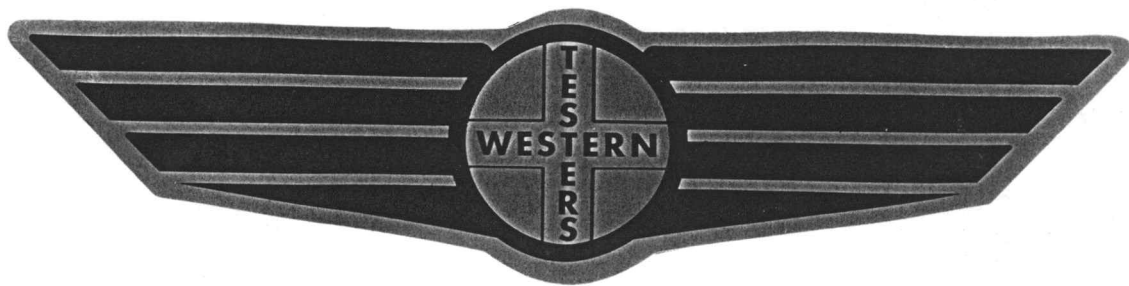
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FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1-800-688-7021

DST REPORT

GENERAL INFORMATION

DATE : 2/8/94
CUSTOMER : GREAT PLAINS PETROLEUM
WELL : #2 TEST: 2
ELEVATION: 2498 KB
SECTION : 26
RANGE : 29W COUNTY: MEADE
GAUGE SN#: 13548 RANGE : 4000

TICKET : 20241
LEASE : ADAMS B
GEOLOGIST: HASTINGS
FORMATION: MORROW
TOWNSHIP : 34S
STATE : KS
CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 5847.00 ft TO: 5868.00 ft TVD: 5868.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 5857.0 ft 5860.0 ft
TEMPERATURE: 138.0

DRILL COLLAR LENGTH:	147.0 ft	I.D.:	2.250 in
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:	0.000 in
DRILL PIPE LENGTH :	5672.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH :	28.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH :	21.0 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:	5842.0 ft	SIZE:	6.630 in
PACKER DEPTH:	5847.0 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. : ALLEN RIG 5
MUD TYPE : CHEMICAL
WEIGHT : 9.100 ppg
CHLORIDES : 2100 ppm
JARS-MAKE : WTC
DID WELL FLOW?: NO

VISCOSITY : 44.00 cp
WATER LOSS: 6.600 cc

SERIAL NUMBER: 405
REVERSED OUT?: NO

COMMENTS

Comment

INITIAL FLOW PERIOD 2 INCH BLOW BUILDING TO 7
INCHES AND STAYING STEADY. FINAL FLOW PERIOD
STRONG BLOW - BOTTOM OF BUCKET OPENED TO 2 INCH

DST REPORT (CONTINUED)

COMMENTS (CONTINUED)

Comment

BLOW - DIED - CLOSE 2 INCH WEAK SURFACE BLOW
SLOWLY BUILDING TO 6 INCHES IN BUCKET.

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
60.0	0.0	50.0	0.0	50.0	GAS CUT MUD

RATE INFORMATION

OIL VOLUME:	0.0000	STB		
GAS VOLUME:	0.8283	SCF		
MUD VOLUME:	0.1475	STB		
WATER VOLUME:	0.0000	STB		
TOTAL FLUID :	0.1475	STB		
			TOTAL FLOW TIME:	75.0000 min.
			AVERAGE OIL RATE:	0.0000 STB/D
			AVERAGE WATER RATE:	0.0000 STB/D

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2799.00

Description	Duration	p1	p End
INITIAL FLOW	30.00		
INITIAL SHUT-IN	60.00	91.00	50.00
FINAL FLOW	60.00		701.00
FINAL SHUT-IN	90.00	91.00	40.00
			557.00

FINAL HYDROSTATIC PRESSURE: 2799.00

DST REPORT (CONTINUED)

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2808.00

Description	Duration	p1	p End
INITIAL FLOW	15.00	106.00	62.00
INITIAL SHUT-IN	78.00		709.00
FINAL FLOW	60.00	70.00	42.00
FINAL SHUT-IN	90.00		558.00

FINAL HYDROSTATIC PRESSURE: 2805.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 2/8/94
 CUSTOMER : GREAT PLAINS PETROLEUM
 WELL : #2
 ELEVATION: 2498 KB
 SECTION : 26
 RANGE : 29W
 GAUGE SN#: 13548

TEST: 2

COUNTY: MEADE
 RANGE : 4000

TICKET : 20241
 LEASE : ADAMS B
 GEOLOGIST: HASTINGS
 FORMATION: MORROW
 TOWNSHIP : 34S
 STATE : KS
 CLOCK : 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	106.00	106.00
5.00	77.00	-29.00
10.00	67.00	-10.00
15.00	62.00	-5.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	74.00	74.00	0.00
6.00	95.00	21.00	0.00
9.00	117.00	22.00	0.00
12.00	154.00	37.00	0.00
15.00	187.00	33.00	0.00
18.00	231.00	44.00	0.00
21.00	262.00	31.00	0.00
24.00	287.00	25.00	0.00
27.00	316.00	29.00	0.00
30.00	343.00	27.00	0.00
33.00	374.00	31.00	0.00
36.00	399.00	25.00	0.00
39.00	425.00	26.00	0.00
42.00	448.00	23.00	0.00
45.00	478.00	30.00	0.00
48.00	499.00	21.00	0.00
51.00	527.00	28.00	0.00
54.00	551.00	24.00	0.00
57.00	579.00	28.00	0.00
60.00	601.00	22.00	0.00
63.00	621.00	20.00	0.00
66.00	644.00	23.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

INITIAL SHUT IN (CONTINUED)

Time (min)	Pressure	Delta P	Horner T
69.00	666.00	22.00	0.00
72.00	686.00	20.00	0.00
75.00	706.00	20.00	0.00
78.00	709.00	3.00	0.00

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	70.00	70.00
5.00	70.00	0.00
10.00	57.00	-13.00
15.00	52.00	-5.00
20.00	50.00	-2.00
25.00	48.00	-2.00
30.00	47.00	-1.00
35.00	46.00	-1.00
40.00	45.00	-1.00
45.00	44.00	-1.00
50.00	43.00	-1.00
55.00	42.00	-1.00
60.00	42.00	0.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	48.00	48.00	0.00
6.00	57.00	9.00	0.00
9.00	73.00	16.00	0.00
12.00	87.00	14.00	0.00
15.00	107.00	20.00	0.00
18.00	123.00	16.00	0.00
21.00	141.00	18.00	0.00
24.00	157.00	16.00	0.00
27.00	177.00	20.00	0.00
30.00	195.00	18.00	0.00
33.00	212.00	17.00	0.00
36.00	231.00	19.00	0.00
39.00	245.00	14.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
42.00	262.00	17.00	0.00
45.00	284.00	22.00	0.00
48.00	305.00	21.00	0.00
51.00	322.00	17.00	0.00
54.00	338.00	16.00	0.00
57.00	358.00	20.00	0.00
60.00	380.00	22.00	0.00
63.00	397.00	17.00	0.00
66.00	415.00	18.00	0.00
69.00	431.00	16.00	0.00
72.00	449.00	18.00	0.00
75.00	466.00	17.00	0.00
78.00	486.00	20.00	0.00
81.00	502.00	16.00	0.00
84.00	520.00	18.00	0.00
87.00	537.00	17.00	0.00
90.00	558.00	21.00	0.00

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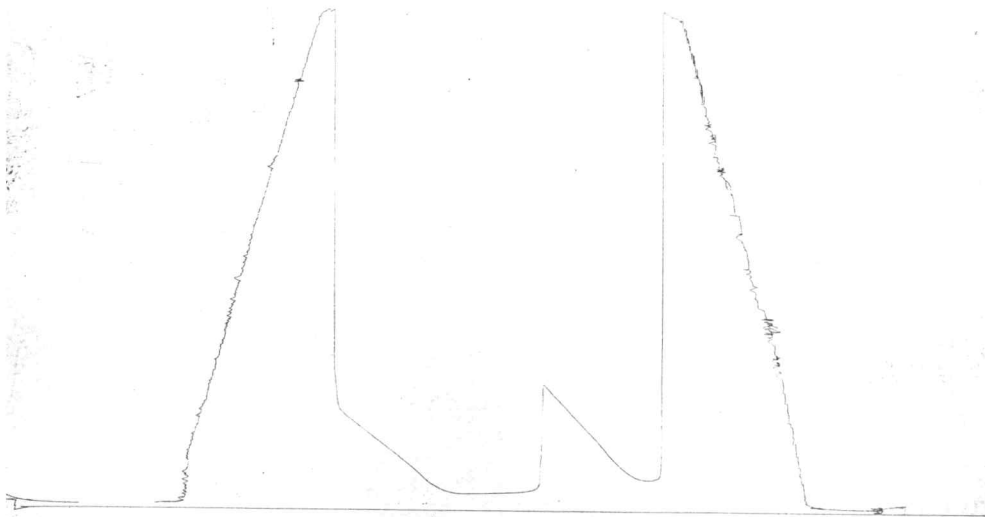
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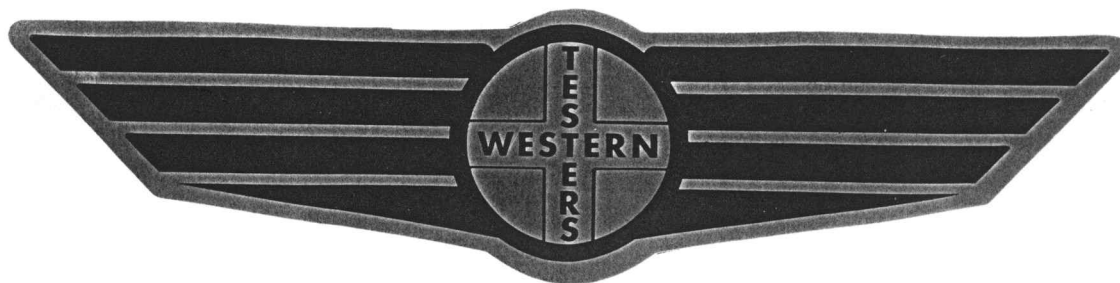
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FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1-800-688-7021

COMPANY GREAT PLAINS PETROLEUM LEASE & WELL NO. #2 ADAMS B SEC. 26 TWP. 34S RGE. 29W TEST NO. 3 DATE 2/11/94

DST REPORT

GENERAL INFORMATION

DATE : 2/11/94
CUSTOMER : GREAT PLAINS PETROLEUM
WELL : #2 TEST: 3
ELEVATION: 2485 GL
SECTION : 26
RANGE : 29W COUNTY: MEADE
GAUGE SN#: 13548 RANGE : 4000

TICKET : 20242
LEASE : ADAMS B
GEOLOGIST: HASTINGS
FORMATION: MORROW
TOWNSHIP : 34S
STATE : KS
CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 5873.00 ft TO: 5884.00 ft TVD: 5884.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 5878.0 ft 5884.0 ft
TEMPERATURE: 140.0

DRILL COLLAR LENGTH:	147.0 ft	I.D.:	2.250 in
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:	0.000 in
DRILL PIPE LENGTH :	5698.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH :	28.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH :	11.0 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:	5868.0 ft	SIZE:	6.630 in
PACKER DEPTH:	5873.0 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. : ALLEN RIG 5
MUD TYPE : CHEMICAL
WEIGHT : 8.800 ppg
CHLORIDES : 2900 ppm
JARS-MAKE : WTC
DID WELL FLOW?: NO

VISCOSITY : 48.00 cp
WATER LOSS: 6.000 cc

SERIAL NUMBER: 605
REVERSED OUT?: NO

COMMENTS

Comment

INITIAL FLOW PERIOD 4 INCH BLOW BUILDING TO
BOTTOM OF BUCKET IN 10 MINUTES. FINAL FLOW PERIOD
1 INCH BLOW BUILDING TO BOTTOM OF BUCKET IN 13

DST REPORT (CONTINUED)

COMMENTS (CONTINUED)

Comment

MINUTES.
TOOL SLID 10 FT PLUS TO BOTTOM.

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
0.0	0.0	0.0	0.0	0.0	120 FT GAS ABOVE FLUID
150.0	0.0	0.0	0.0	100.0	DRILLING MUD

RATE INFORMATION

OIL VOLUME: 0.0000 STB
GAS VOLUME: 0.0000 SCF
MUD VOLUME: 0.7649 STB
WATER VOLUME: 0.0000 STB
TOTAL FLUID : 0.7649 STB

TOTAL FLOW TIME: 50.0000 min.
AVERAGE OIL RATE: 0.0000 STB/D
AVERAGE WATER RATE: 0.0000 STB/D

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2882.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	161.00	151.00
INITIAL SHUT-IN	60.00		1426.00
FINAL FLOW	60.00	172.00	111.00
FINAL SHUT-IN	90.00		1969.00

FINAL HYDROSTATIC PRESSURE: 2851.00

DST REPORT (CONTINUED)

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2874.00

Description	Duration	p1	p End
INITIAL FLOW	20.00	181.00	143.00
INITIAL SHUT-IN	69.00		1433.00
FINAL FLOW	30.00	168.00	117.00
FINAL SHUT-IN	90.00		1967.00

FINAL HYDROSTATIC PRESSURE: 2824.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 2/11/94	TICKET : 20242
CUSTOMER : GREAT PLAINS PETROLEUM	LEASE : ADAMS B
WELL : #2	GEOLOGIST: HASTINGS
ELEVATION: 2485 GL	FORMATION: MORROW
SECTION : 26	TOWNSHIP : 34S
RANGE : 29W	STATE : KS
GAUGE SN#: 13548	CLOCK : 12
COUNTY: MEADE	
RANGE : 4000	

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	181.00	181.00
5.00	181.00	0.00
10.00	187.00	6.00
15.00	151.00	-36.00
20.00	143.00	-8.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	159.00	159.00	0.00
6.00	233.00	74.00	0.00
9.00	322.00	89.00	0.00
12.00	420.00	98.00	0.00
15.00	521.00	101.00	0.00
18.00	640.00	119.00	0.00
21.00	730.00	90.00	0.00
24.00	812.00	82.00	0.00
27.00	887.00	75.00	0.00
30.00	951.00	64.00	0.00
33.00	1013.00	62.00	0.00
36.00	1063.00	50.00	0.00
39.00	1115.00	52.00	0.00
42.00	1152.00	37.00	0.00
45.00	1195.00	43.00	0.00
48.00	1233.00	38.00	0.00
51.00	1272.00	39.00	0.00
54.00	1305.00	33.00	0.00
57.00	1333.00	28.00	0.00
60.00	1360.00	27.00	0.00
63.00	1385.00	25.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

INITIAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
66.00	1412.00	27.00	0.00
69.00	1433.00	21.00	0.00

FINAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	168.00	168.00
5.00	156.00	-12.00
10.00	135.00	-21.00
15.00	126.00	-9.00
20.00	120.00	-6.00
25.00	118.00	-2.00
30.00	117.00	-1.00

FINAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	214.00	214.00	0.00
6.00	319.00	105.00	0.00
9.00	410.00	91.00	0.00
12.00	501.00	91.00	0.00
15.00	618.00	117.00	0.00
18.00	716.00	98.00	0.00
21.00	813.00	97.00	0.00
24.00	903.00	90.00	0.00
27.00	999.00	96.00	0.00
30.00	1100.00	101.00	0.00
33.00	1184.00	84.00	0.00
36.00	1251.00	67.00	0.00
39.00	1326.00	75.00	0.00
42.00	1396.00	70.00	0.00
45.00	1454.00	58.00	0.00
48.00	1526.00	72.00	0.00
51.00	1590.00	64.00	0.00
54.00	1645.00	55.00	0.00
57.00	1697.00	52.00	0.00
60.00	1746.00	49.00	0.00
63.00	1786.00	40.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

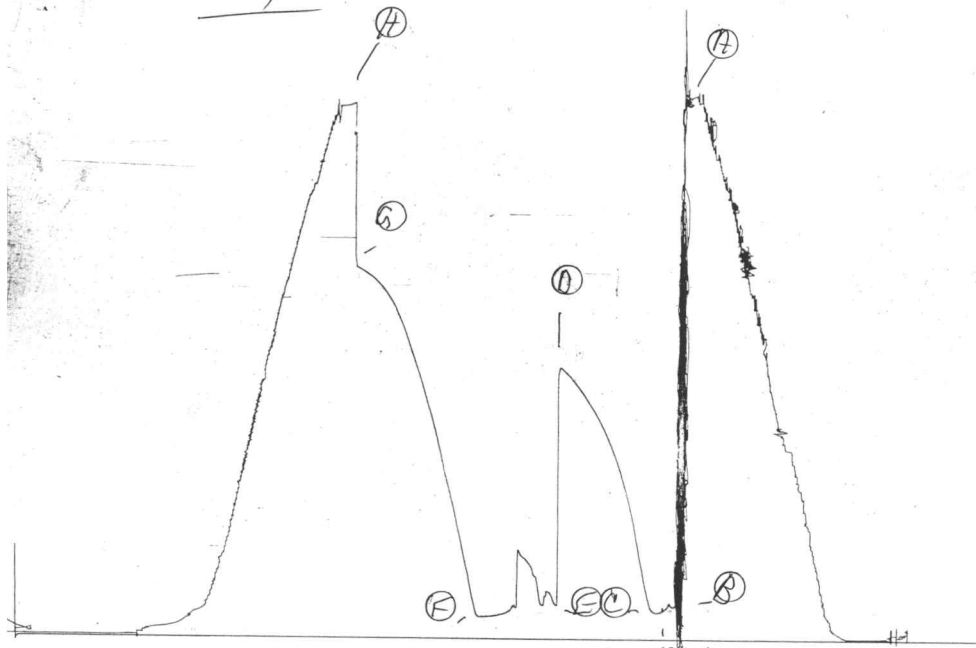
<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
66.00	1821.00	35.00	0.00
69.00	1846.00	25.00	0.00
72.00	1869.00	23.00	0.00
75.00	1895.00	26.00	0.00
78.00	1915.00	20.00	0.00
81.00	1929.00	14.00	0.00
84.00	1944.00	15.00	0.00
87.00	1955.00	11.00	0.00
90.00	1967.00	12.00	0.00

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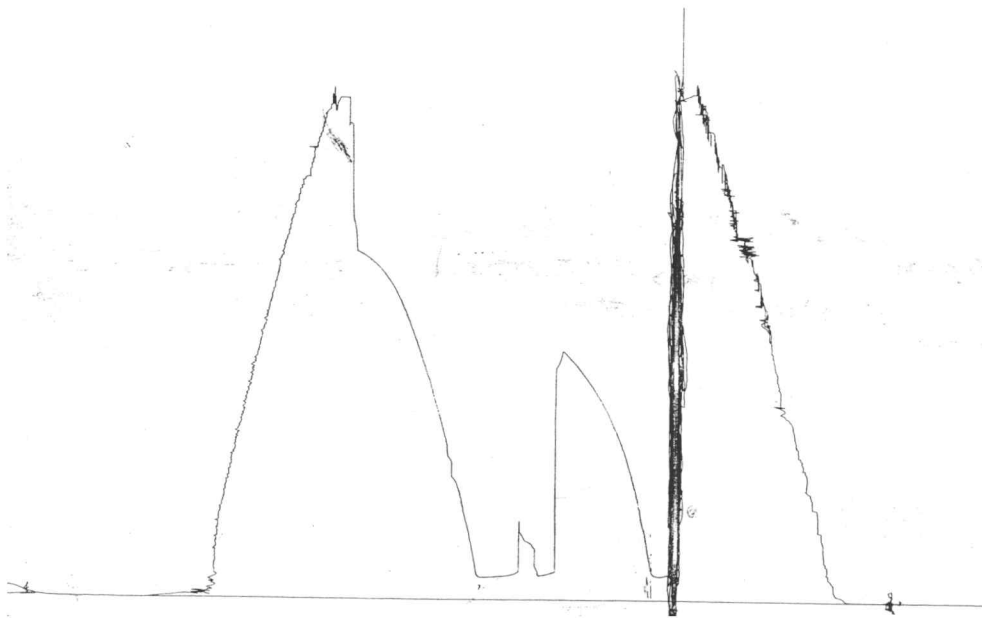
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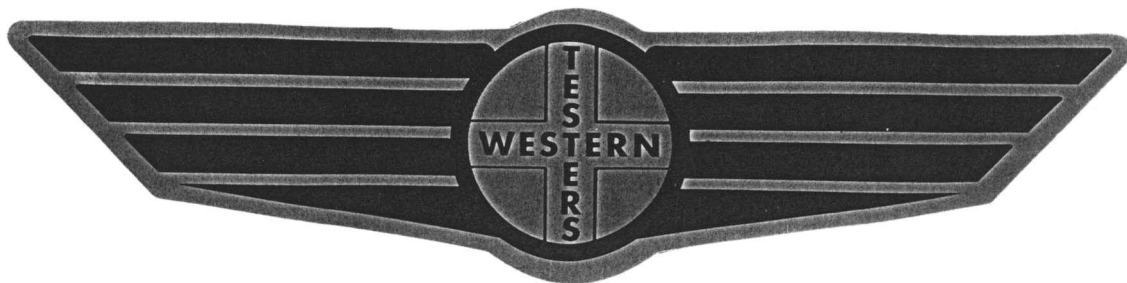


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FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1-800-688-7021

COMPANY GREAT PLAINS PETROLEUM LEASE & WELL NO. #2 ADAMS B SEC. 26 TWP. 34S RGE. 29W TEST NO. 4 DATE 2/12/94

DST REPORT

GENERAL INFORMATION

DATE	: 2-12-94	TICKET	: 20243
CUSTOMER	: GREAT PLAINS PETROLEUM	LEASE	: ADAMS B
WELL	: #2	TEST:	4
ELEVATION	: 2485 G.L.	GEOLOGIST	: JOHN P. HASTINGS
SECTION	: 26	FORMATION	: MORROW
RANGE	: 29W	TOWNSHIP	: 34S
GAUGE SN#	: 13548	STATE	: KS
		CLOCK	: 12
	COUNTY: MEADE		
	RANGE : 4075		

WELL INFORMATION

PERFORATION INTERVAL FROM:	5887.00 ft	TO:	5936.00 ft	TVD:	5936.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	OIL
DEPTH OF RECORDERS:	5890.0 ft		5936.0 ft		
TEMPERATURE:	138.0				
DRILL COLLAR LENGTH:	147.0 ft	I.D.:		2.250 in	
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:		0.000 in	
DRILL PIPE LENGTH :	5712.0 ft	I.D.:		5.800 in	
TEST TOOL LENGTH :	28.0 ft	TOOL SIZE :		5.500 in	
ANCHOR LENGTH :	49.0 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:	5882.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	5887.0 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. :	ALLEN #521	VISCOSITY :	47.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	7.800 cc
WEIGHT :	9.100 ppg		
CHLORIDES :	3400 ppm	SERIAL NUMBER:	605
JARS-MAKE :	WTC	REVERSED OUT?:	NO
DID WELL FLOW?:	NO		

COMMENTS

Comment

1/2" BLOW THROUGHOUT INITIAL FLOW PERIOD. NO BLOW
ON FINAL FLOW PERIOD.

DST REPORT (CONTINUED)

COMMENTS (CONTINUED)

Comment

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
60.0	0.1	0.0	0.0	99.9	DRLG. MUD SPTS OF VERY
0.0	0.0	0.0	0.0	0.0	LIGHT FREE OIL
75.0	0.0	0.0	80.0	20.0	MUDDY WATER
0.0	0.0	0.0	0.0	0.0	CHLORIDES 82000 PPM

RATE INFORMATION

OIL VOLUME:	0.0003 STB	
GAS VOLUME:	0.0000 SCF	
MUD VOLUME:	0.3685 STB	
WATER VOLUME:	0.2950 STB	
TOTAL FLUID :	0.6639 STB	
		TOTAL FLOW TIME: 70.0000 min.
		AVERAGE OIL RATE: 6.0696 STB/D
		AVERAGE WATER RATE: 7.5870 STB/D

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2903.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	111.00	80.00
INITIAL SHUT-IN	60.00		1805.00
FINAL FLOW	30.00	161.00	101.00
FINAL SHUT-IN	60.00		1743.00

FINAL HYDROSTATIC PRESSURE: 2861.00

DST REPORT (CONTINUED)

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2923.00

Description	Duration	p1	p End
INITIAL FLOW	40.00	87.00	74.00
INITIAL SHUT-IN	63.00		1801.00
FINAL FLOW	30.00	125.00	106.00
FINAL SHUT-IN	63.00		1747.00

FINAL HYDROSTATIC PRESSURE: 2875.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 2-12-94	TICKET : 20243
CUSTOMER : GREAT PLAINS PETROLEUM	LEASE : ADAMS B
WELL : #2	GEOLOGIST: JOHN P. HASTINGS
ELEVATION: 2485 G.L.	FORMATION: MORROW
SECTION : 26	TOWNSHIP : 34S
RANGE : 29W	STATE : KS
GAUGE SN#: 13548	CLOCK : 12
COUNTY: MEADE	
RANGE : 4075	

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	87.00	87.00
5.00	87.00	0.00
10.00	80.00	-7.00
15.00	72.00	-8.00
20.00	72.00	0.00
25.00	72.00	0.00
30.00	71.00	-1.00
35.00	73.00	2.00
40.00	74.00	1.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	101.00	101.00	0.00
6.00	366.00	265.00	0.00
9.00	836.00	470.00	0.00
12.00	1135.00	299.00	0.00
15.00	1292.00	157.00	0.00
18.00	1399.00	107.00	0.00
21.00	1481.00	82.00	0.00
24.00	1533.00	52.00	0.00
27.00	1567.00	34.00	0.00
30.00	1608.00	41.00	0.00
33.00	1634.00	26.00	0.00
36.00	1660.00	26.00	0.00
39.00	1684.00	24.00	0.00
42.00	1705.00	21.00	0.00
45.00	1725.00	20.00	0.00
48.00	1741.00	16.00	0.00
51.00	1756.00	15.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

INITIAL SHUT IN (CONTINUED)

Time (min)	Pressure	Delta P	Horner T
54.00	1772.00	16.00	0.00
57.00	1785.00	13.00	0.00
60.00	1795.00	10.00	0.00
63.00	1801.00	6.00	0.00

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	125.00	125.00
5.00	125.00	0.00
10.00	111.00	-14.00
15.00	106.00	-5.00
20.00	106.00	0.00
25.00	106.00	0.00
30.00	106.00	0.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	150.00	150.00	0.00
6.00	360.00	210.00	0.00
9.00	819.00	459.00	0.00
12.00	1105.00	286.00	0.00
15.00	1243.00	138.00	0.00
18.00	1346.00	103.00	0.00
21.00	1422.00	76.00	0.00
24.00	1470.00	48.00	0.00
27.00	1522.00	52.00	0.00
30.00	1553.00	31.00	0.00
33.00	1585.00	32.00	0.00
36.00	1611.00	26.00	0.00
39.00	1632.00	21.00	0.00
42.00	1652.00	20.00	0.00
45.00	1666.00	14.00	0.00
48.00	1688.00	22.00	0.00
51.00	1705.00	17.00	0.00
54.00	1719.00	14.00	0.00
57.00	1729.00	10.00	0.00

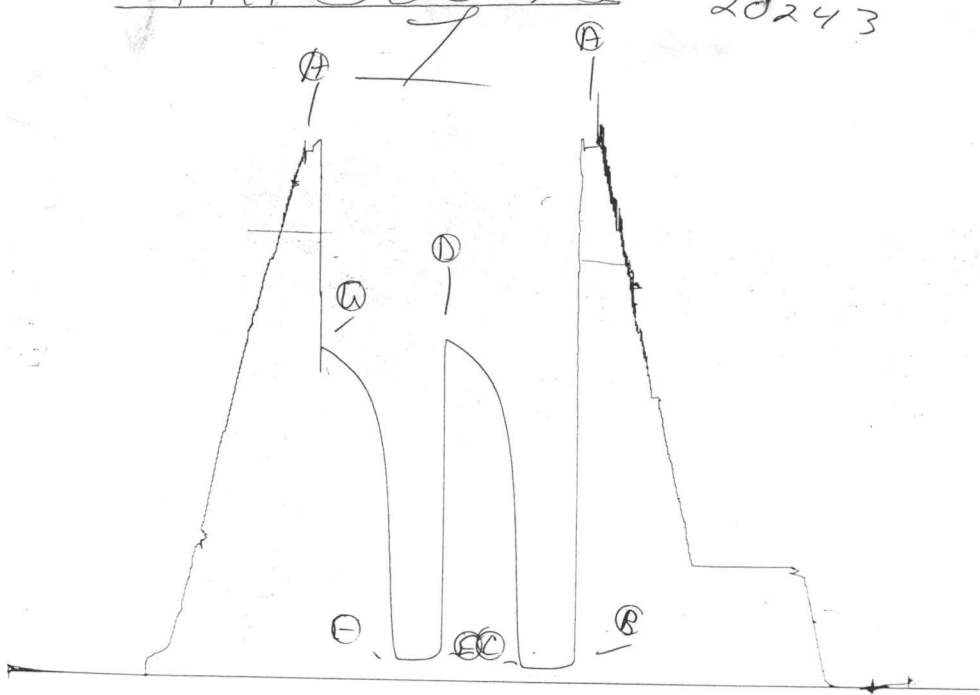
PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
60.00	1741.00	12.00	0.00
63.00	1747.00	6.00	0.00

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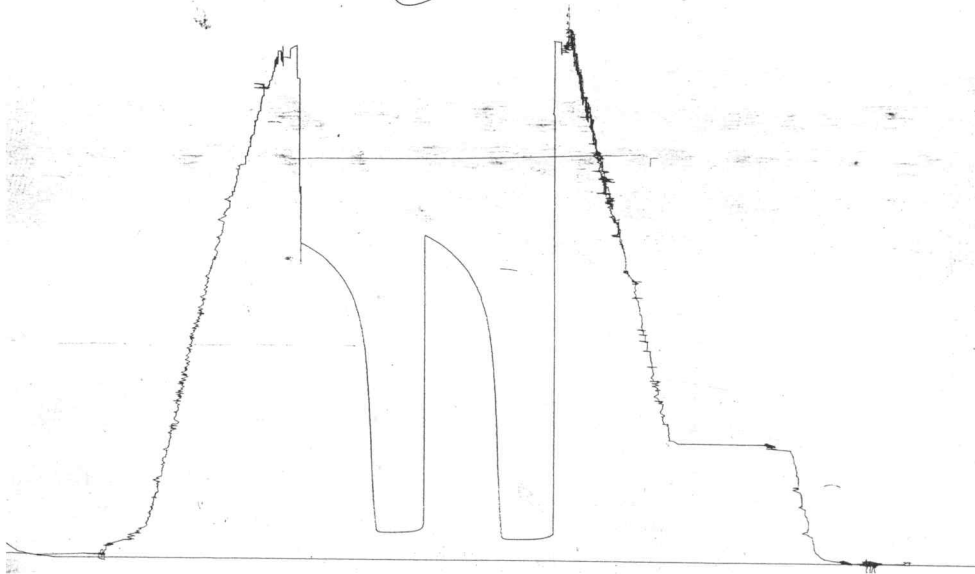
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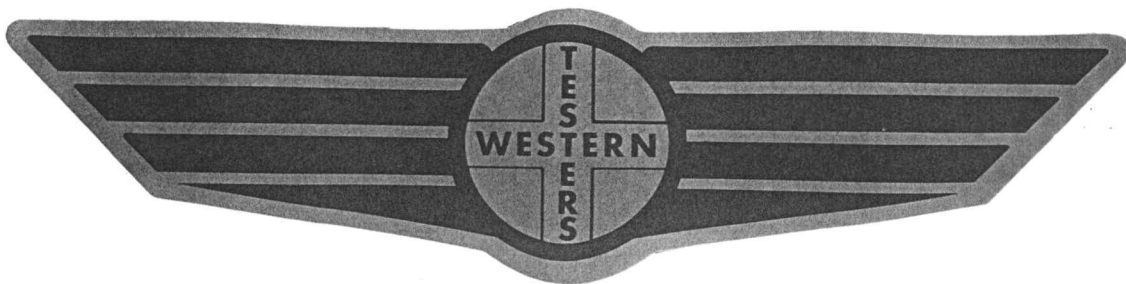
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FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1-800-688-7021

COMPANY GREAT PLAINS PETROLEUM LEASE & WELL NO. #2 ADAMS B SEC. 26 TWP. 34S RGE. 29W TEST NO. 5 DATE 2/14/94

DST REPORT

GENERAL INFORMATION

DATE	: 2/14/94	TICKET	: 20244
CUSTOMER	: GREAT PLAINS PETROLEUM	LEASE	: ADAMS B
WELL	: #2	GEOLOGIST	: JOHN P. HASTINGS
ELEVATION	: 2485 G.L.	FORMATION	: CHESTER
SECTION	: 26	TOWNSHIP	: 34S
RANGE	: 29W	STATE	: KS
GAUGE SN#	: 13548	CLOCK	: 12
	COUNTY: MEADE		
	RANGE : 4075		

WELL INFORMATION

PERFORATION INTERVAL FROM:	6237.00 ft	TO:	6299.00 ft	TVD:	6299.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	OIL
DEPTH OF RECORDERS:	6240.0 ft		6299.0 ft		
TEMPERATURE:	140.0				
DRILL COLLAR LENGTH:	147.0 ft	I.D.:		2.250 in	
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:		0.000 in	
DRILL PIPE LENGTH :	6062.0 ft	I.D.:		5.800 in	
TEST TOOL LENGTH :	28.0 ft	TOOL SIZE :		5.500 in	
ANCHOR LENGTH :	62.0 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:	6232.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	6237.0 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. :	ALLEN RIG 5	VISCOSITY :	51.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	6.600 cc
WEIGHT :	9.100 ppg		
CHLORIDES :	4100 ppm	SERIAL NUMBER:	605
JARS-MAKE :	WTC	REVERSED OUT?:	NO
DID WELL FLOW?:	NO		

COMMENTS

Comment

INITIAL FLOW PERIOD 1/2 INCH BLOW - DIED IN 20 MINUTES. FINAL FLOW PERIOD NO BLOW.

DST REPORT (CONTINUED)

COMMENTS (CONTINUED)

Comment

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
5.0	0.0	0.0	0.0	100.0	DRILLING MUD

RATE INFORMATION

OIL VOLUME:	0.0000	STB		
GAS VOLUME:	0.0000	SCF		
MUD VOLUME:	0.0246	STB		
WATER VOLUME:	0.0000	STB		
TOTAL FLUID :	0.0246	STB		
			TOTAL FLOW TIME:	60.0000 min.
			AVERAGE OIL RATE:	0.0000 STB/D
			AVERAGE WATER RATE:	0.0000 STB/D

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 3128.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	101.00	40.00
INITIAL SHUT-IN	60.00		50.00
FINAL FLOW	30.00	40.00	40.00
FINAL SHUT-IN	60.00		30.00
FINAL HYDROSTATIC PRESSURE:	3026.00		

DST REPORT (CONTINUED)

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 3118.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	75.00	47.00
INITIAL SHUT-IN	63.00		47.00
FINAL FLOW	30.00	38.00	38.00
FINAL SHUT-IN	60.00		36.00

FINAL HYDROSTATIC PRESSURE: 3024.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 2/14/94	TICKET : 20244
CUSTOMER : GREAT PLAINS PETROLEUM	LEASE : ADAMS B
WELL : #2	GEOLOGIST: JOHN P. HASTINGS
ELEVATION: 2485 G.L.	FORMATION: CHESTER
SECTION : 26	TOWNSHIP : 34S
RANGE : 29W	STATE : KS
GAUGE SN#: 13548	CLOCK : 12
COUNTY: MEADE	
RANGE : 4075	

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	75.00	75.00
5.00	75.00	0.00
10.00	63.00	-12.00
15.00	56.00	-7.00
20.00	52.00	-4.00
25.00	50.00	-2.00
30.00	47.00	-3.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	47.00	47.00	0.00
6.00	47.00	0.00	0.00
9.00	47.00	0.00	0.00
12.00	47.00	0.00	0.00
15.00	47.00	0.00	0.00
18.00	47.00	0.00	0.00
21.00	47.00	0.00	0.00
24.00	47.00	0.00	0.00
27.00	47.00	0.00	0.00
30.00	47.00	0.00	0.00
33.00	47.00	0.00	0.00
36.00	47.00	0.00	0.00
39.00	47.00	0.00	0.00
42.00	47.00	0.00	0.00
45.00	47.00	0.00	0.00
48.00	47.00	0.00	0.00
51.00	47.00	0.00	0.00
54.00	47.00	0.00	0.00
57.00	47.00	0.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

INITIAL SHUT IN (CONTINUED)

Time (min)	Pressure	Delta P	Horner T
60.00	47.00	0.00	0.00
63.00	47.00	0.00	0.00

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	38.00	38.00
5.00	38.00	0.00
10.00	38.00	0.00
15.00	38.00	0.00
20.00	38.00	0.00
25.00	38.00	0.00
30.00	38.00	0.00

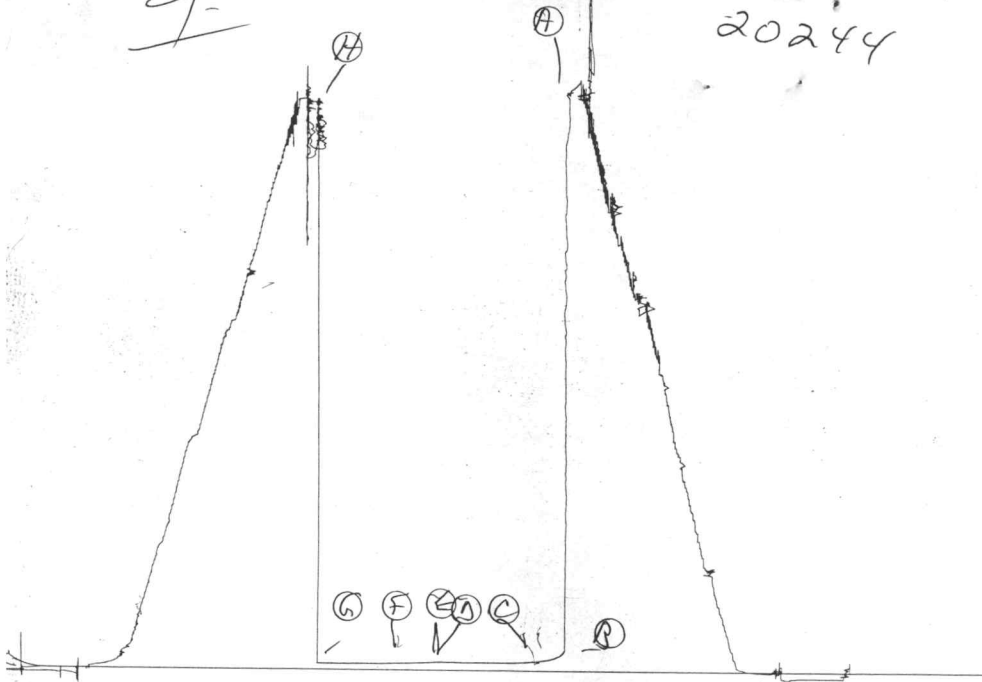
FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	38.00	38.00	0.00
6.00	38.00	0.00	0.00
9.00	38.00	0.00	0.00
12.00	38.00	0.00	0.00
15.00	38.00	0.00	0.00
18.00	38.00	0.00	0.00
21.00	38.00	0.00	0.00
24.00	38.00	0.00	0.00
27.00	38.00	0.00	0.00
30.00	38.00	0.00	0.00
33.00	37.00	-1.00	0.00
36.00	37.00	0.00	0.00
39.00	37.00	0.00	0.00
42.00	36.00	-1.00	0.00
45.00	36.00	0.00	0.00
48.00	36.00	0.00	0.00
51.00	36.00	0.00	0.00
54.00	36.00	0.00	0.00
57.00	36.00	0.00	0.00
60.00	36.00	0.00	0.00

K7 JDS 44

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