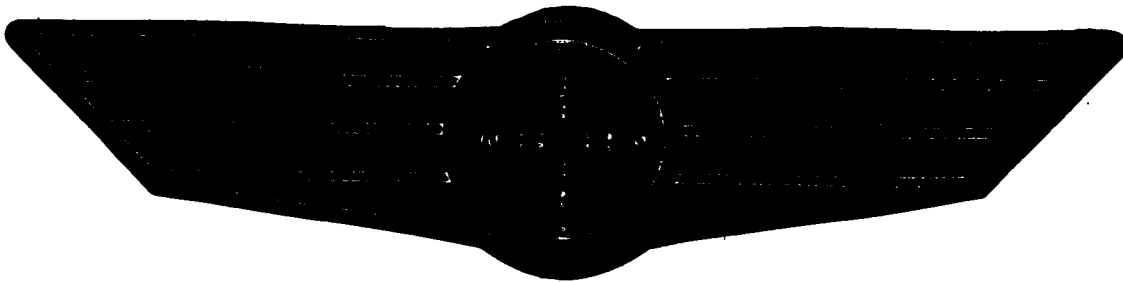


15-009-24532

31-175-12w

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1 - 800-688-7021

COMPANY HALLWOOD PETROLEUM, INC. LEASE & WELL NO. #2 EVELLEIGH SEC. 31 TWP. 17S RGE. 12W TEST NO. 1 DATE 10/5/92

DST REPORT

GENERAL INFORMATION

DATE : 10/5/92
CUSTOMER : HALLWOOD PETROLEUM, INC.
WELL : 2 TEST: 1
ELEVATION: 1817 GL
SECTION : 31
RANGE : 12W COUNTY: BARTON
GAUGE SN#: 10270 RANGE : 4150

TICKET : 19537
LEASE : EVELEIGH
GEOLOGIST: JIM MUSGROVE
FORMATION: LANSING
TOWNSHIP : 17S
STATE : KS
CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 3074.00 ft TO: 3110.00 ft TVD: 3110.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 3077.0 ft 3080.0 ft
TEMPERATURE: 106.0

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 :	3054.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH :	20.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH :	36.0 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:	3069.0 ft	SIZE:	6.630 in
PACKER DEPTH:	3074.0 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 DRLG RIG 4
MUD TYPE : CHEMICAL
WEIGHT : 9.400 ppg
CHLORIDES : 8000 ppm
JARS-MAKE :
DID WELL FLOW?: NO

VISCOSITY : 50.00 cp
WATER LOSS: 9.200 cc

SERIAL NUMBER:
REVERSED OUT?: NO

COMMENTS

Comment

INITIAL FLOW PERIOD WEAK BLOW, BUILDING TO A
STRONG BLOW IN 25 MINUTES. FINAL FLOW PERIOD WEAK
BLOW, BUILDING TO A GOOD BLOW, 1/2 INCH TO AN 8

DST REPORT (CONTINUED)

COMMENTS (CONTINUED)

Comment

INCH BLOW.

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
45.0	20.0	15.0	0.0	65.0	OIL & GAS CUT MUD
60.0	2.0	0.0	73.0	25.0	SLY OIL CUT MUDDY WATER
0.0	0.0	0.0	0.0	0.0	CHLORIDES 59000 P.P.M.
0.0	0.0	0.0	0.0	0.0	375' OF GAS ABOVE FLUID

RATE INFORMATION

OIL VOLUME: 0.1431 STB	
GAS VOLUME: 0.5316 SCF	
MUD VOLUME: 0.6207 STB	TOTAL FLOW TIME: 90.0000 min.
WATER VOLUME: 0.6144 STB	AVERAGE OIL RATE: 8.9432 STB/D
TOTAL FLUID : 1.3781 STB	AVERAGE WATER RATE: 13.1062 STB/D

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1537.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	20.00	31.00
INITIAL SHUT-IN	45.00		1392.00
FINAL FLOW	60.00	52.00	72.00
FINAL SHUT-IN	90.00		1371.00

FINAL HYDROSTATIC PRESSURE: 1327.00

DST REPORT (CONTINUED)

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1512.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	33.00	34.00
INITIAL SHUT-IN	48.00		1391.00
FINAL FLOW	60.00	50.00	65.00
FINAL SHUT-IN	93.00		1373.00

FINAL HYDROSTATIC PRESSURE: 1504.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 10/5/92	TICKET : 19537
CUSTOMER : HALLWOOD PETROLEUM, INC.	LEASE : EVELEIGH
WELL : 2	GEOLOGIST: JIM MUSGROVE
ELEVATION: 1817 GL	FORMATION: LANSING
SECTION : 31	TOWNSHIP : 17S
RANGE : 12W	STATE : KS
GAUGE SN#: 10270	CLOCK : 12
COUNTY: BARTON	
RANGE : 4150	

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	33.00	33.00
5.00	33.00	0.00
10.00	33.00	0.00
15.00	33.00	0.00
20.00	33.00	0.00
25.00	34.00	1.00
30.00	34.00	0.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	120.00	120.00	0.00
6.00	718.00	598.00	0.00
9.00	1047.00	329.00	0.00
12.00	1148.00	101.00	0.00
15.00	1207.00	59.00	0.00
18.00	1247.00	40.00	0.00
21.00	1276.00	29.00	0.00
24.00	1297.00	21.00	0.00
27.00	1315.00	18.00	0.00
30.00	1332.00	17.00	0.00
33.00	1341.00	9.00	0.00
36.00	1356.00	15.00	0.00
39.00	1366.00	10.00	0.00
42.00	1376.00	10.00	0.00
45.00	1383.00	7.00	0.00
48.00	1391.00	8.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	50.00	50.00
5.00	50.00	0.00
10.00	50.00	0.00
15.00	50.00	0.00
20.00	51.00	1.00
25.00	53.00	2.00
30.00	55.00	2.00
35.00	57.00	2.00
40.00	59.00	2.00
45.00	61.00	2.00
50.00	63.00	2.00
55.00	64.00	1.00
60.00	65.00	1.00

FINAL SHUT IN

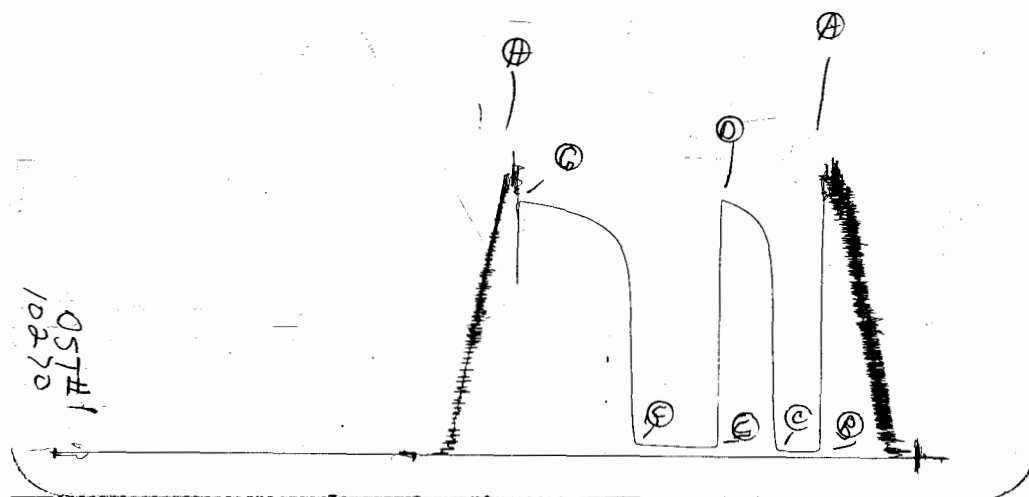
Time (min)	Pressure	Delta P	Horner T
3.00	180.00	180.00	0.00
6.00	572.00	392.00	0.00
9.00	907.00	335.00	0.00
12.00	1041.00	134.00	0.00
15.00	1107.00	66.00	0.00
18.00	1148.00	41.00	0.00
21.00	1179.00	31.00	0.00
24.00	1203.00	24.00	0.00
27.00	1221.00	18.00	0.00
30.00	1243.00	22.00	0.00
33.00	1254.00	11.00	0.00
36.00	1268.00	14.00	0.00
39.00	1280.00	12.00	0.00
42.00	1292.00	12.00	0.00
45.00	1296.00	4.00	0.00
48.00	1305.00	9.00	0.00
51.00	1311.00	6.00	0.00
54.00	1317.00	6.00	0.00
57.00	1324.00	7.00	0.00
60.00	1332.00	8.00	0.00
63.00	1338.00	6.00	0.00
66.00	1342.00	4.00	0.00
69.00	1346.00	4.00	0.00
72.00	1353.00	7.00	0.00
75.00	1355.00	2.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

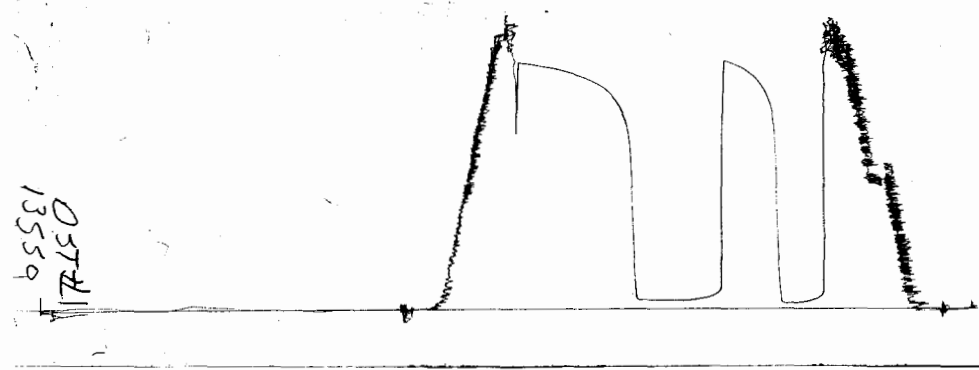
<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
78.00	1358.00	3.00	0.00
81.00	1361.00	3.00	0.00
84.00	1364.00	3.00	0.00
87.00	1368.00	4.00	0.00
90.00	1371.00	3.00	0.00
93.00	1373.00	2.00	0.00

DKT 19527
1



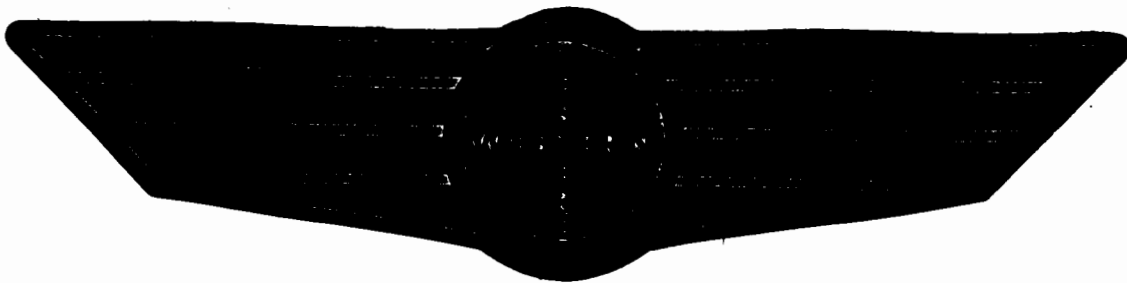
Inside Recorder

DKT 19527
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Outside Recorder

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1 - 800-688-7021

DST REPORT

GENERAL INFORMATION

DATE	: 10/5/92	TICKET	: 19538
CUSTOMER	: HALLWOOD PETROLEUM, INC.	LEASE	: EVELEIGH
WELL	: 2	TEST: 2	GEOLOGIST: JIM MUSGROVE
ELEVATION	: 1817 GL	FORMATION	: LANSING
SECTION	: 31	TOWNSHIP	: 17S
RANGE	: 12W	STATE	: KS
GAUGE SN#	: 10270	RANGE	: 4150
		CLOCK	: 12

WELL INFORMATION

PERFORATION INTERVAL FROM:	3107.00 ft	TO:	3144.00 ft	TVD:	3144.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	OIL
DEPTH OF RECORDERS:	3110.0 ft		3113.0 ft		
TEMPERATURE:	106.0				
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 :	3087.0 ft	I.D.:		3.800 in	
TEST TOOL LENGTH :	20.0 ft	TOOL SIZE :		5.500 in	
ANCHOR LENGTH :	37.0 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:	3102.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	3107.0 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 DRLG RIG 4	VISCOSITY :	51.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	9.200 cc
WEIGHT :	9.300 ppg	SERIAL NUMBER:	
CHLORIDES :	8000 ppm	REVERSED OUT?:	NO
JARS-MAKE :			
DID WELL FLOW?:	NO		

COMMENTS

Comment

INITIAL FLOW PERIOD WEAK BLOW THROUGHOUT, 1/4 INCH
BLOW. FINAL FLOW PERIOD WEAK BLOW THROUGHOUT, 1/2
INCH BLOW.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
10.0	2.0	0.0	0.0	98.0	SLY OIL CUT MUD
0.0	0.0	0.0	0.0	0.0	60' OF GAS ABOVE FLUID

RATE INFORMATION

OIL VOLUME:	0.0028	STB		
GAS VOLUME:	0.0000	SCF		
MUD VOLUME:	0.1375	STB		
WATER VOLUME:	0.0000	STB		
TOTAL FLUID :	0.1403	STB		
			TOTAL FLOW TIME:	90.0000 min.
			AVERAGE OIL RATE:	2.2442 STB/D
			AVERAGE WATER RATE:	0.0000 STB/D

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1516.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	20.00	20.00
INITIAL SHUT-IN	45.00		281.00
FINAL FLOW	60.00	20.00	20.00
FINAL SHUT-IN	90.00		738.00

FINAL HYDROSTATIC PRESSURE: 1516.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1525.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	24.00	24.00
INITIAL SHUT-IN	45.00		280.00
FINAL FLOW	60.00	20.00	20.00
FINAL SHUT-IN	93.00		749.00

FINAL HYDROSTATIC PRESSURE: 1509.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 10/5/92	TICKET : 19538
CUSTOMER : HALLWOOD PETROLEUM, INC.	LEASE : EVELEIGH
WELL : 2	GEOLOGIST: JIM MUSGROVE
ELEVATION: 1817 GL	FORMATION: LANSING
SECTION : 31	TOWNSHIP : 17S
RANGE : 12W	STATE : KS
GAUGE SN#: 10270	CLOCK : 12
COUNTY: BARTON	
RANGE : 4150	

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	24.00	24.00
5.00	24.00	0.00
10.00	24.00	0.00
15.00	24.00	0.00
20.00	24.00	0.00
25.00	24.00	0.00
30.00	24.00	0.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	24.00	24.00	0.00
6.00	24.00	0.00	0.00
9.00	26.00	2.00	0.00
12.00	29.00	3.00	0.00
15.00	37.00	8.00	0.00
18.00	45.00	8.00	0.00
21.00	55.00	10.00	0.00
24.00	67.00	12.00	0.00
27.00	77.00	10.00	0.00
30.00	97.00	20.00	0.00
33.00	108.00	11.00	0.00
36.00	138.00	30.00	0.00
39.00	169.00	31.00	0.00
42.00	220.00	51.00	0.00
45.00	280.00	60.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	20.00	20.00
5.00	20.00	0.00
10.00	20.00	0.00
15.00	20.00	0.00
20.00	20.00	0.00
25.00	20.00	0.00
30.00	20.00	0.00
35.00	20.00	0.00
40.00	20.00	0.00
45.00	20.00	0.00
50.00	20.00	0.00
55.00	20.00	0.00
60.00	20.00	0.00

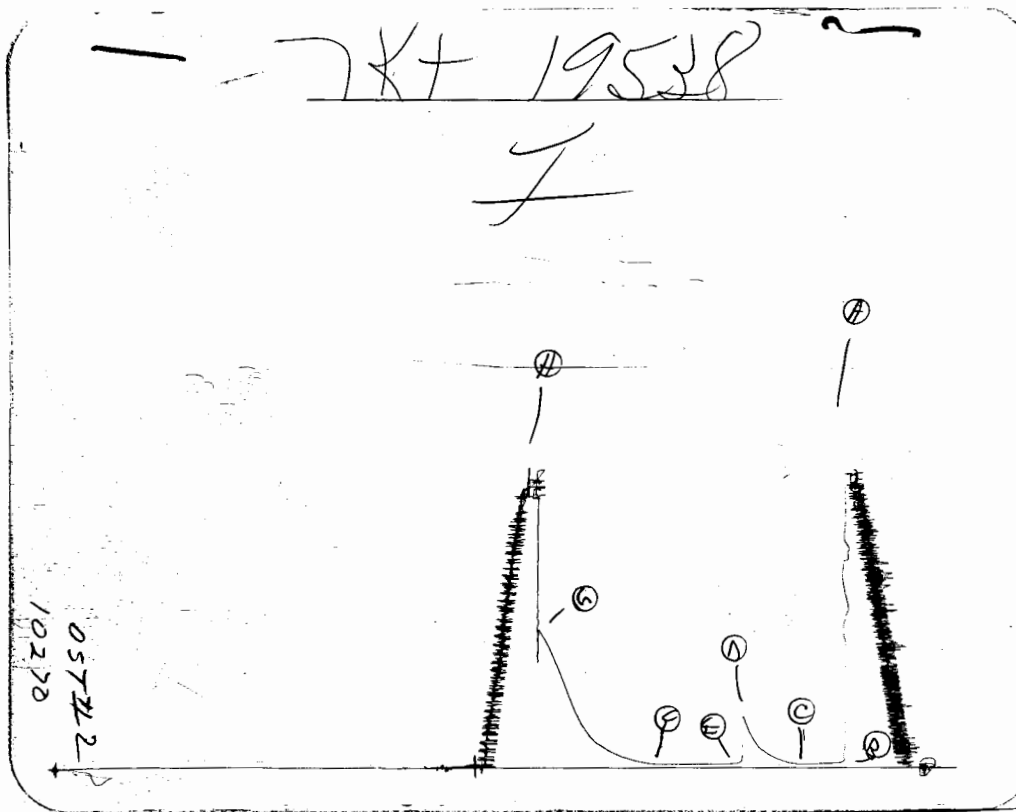
FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	21.00	21.00	0.00
6.00	22.00	1.00	0.00
9.00	25.00	3.00	0.00
12.00	29.00	4.00	0.00
15.00	32.00	3.00	0.00
18.00	38.00	6.00	0.00
21.00	45.00	7.00	0.00
24.00	52.00	7.00	0.00
27.00	57.00	5.00	0.00
30.00	68.00	11.00	0.00
33.00	78.00	10.00	0.00
36.00	87.00	9.00	0.00
39.00	100.00	13.00	0.00
42.00	114.00	14.00	0.00
45.00	126.00	12.00	0.00
48.00	140.00	14.00	0.00
51.00	164.00	24.00	0.00
54.00	191.00	27.00	0.00
57.00	222.00	31.00	0.00
60.00	256.00	34.00	0.00
63.00	298.00	42.00	0.00
66.00	345.00	47.00	0.00
69.00	399.00	54.00	0.00
72.00	453.00	54.00	0.00
75.00	508.00	55.00	0.00

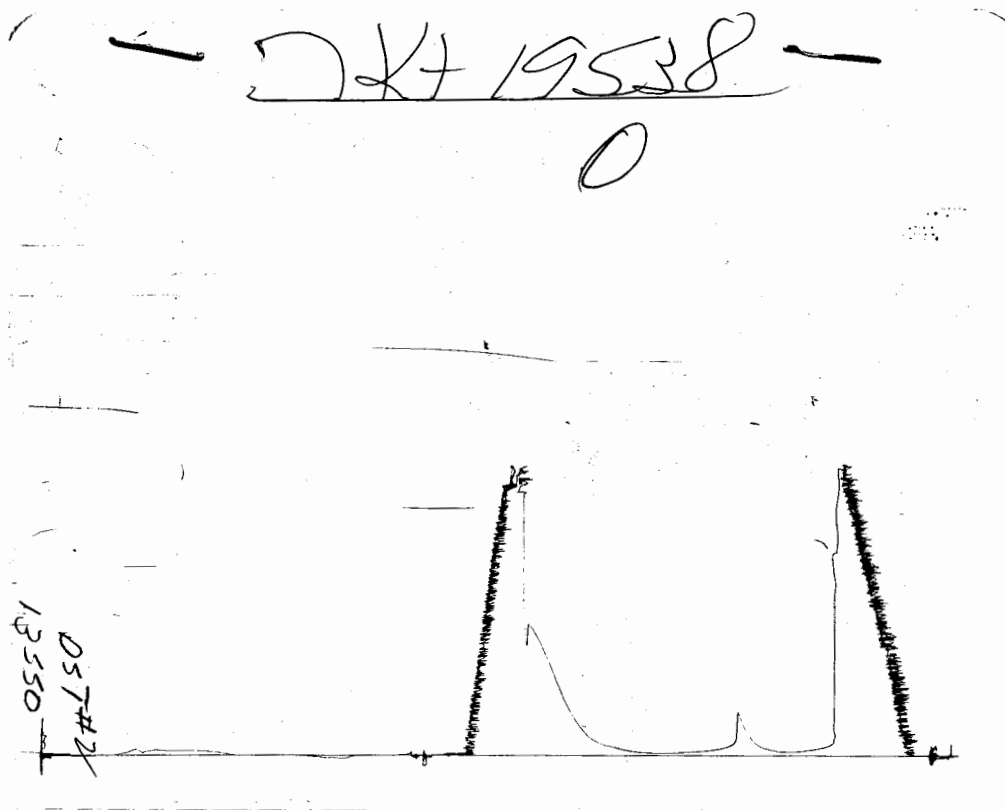
PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
78.00	561.00	53.00	0.00
81.00	611.00	50.00	0.00
84.00	660.00	49.00	0.00
87.00	701.00	41.00	0.00
90.00	737.00	36.00	0.00
93.00	749.00	12.00	0.00

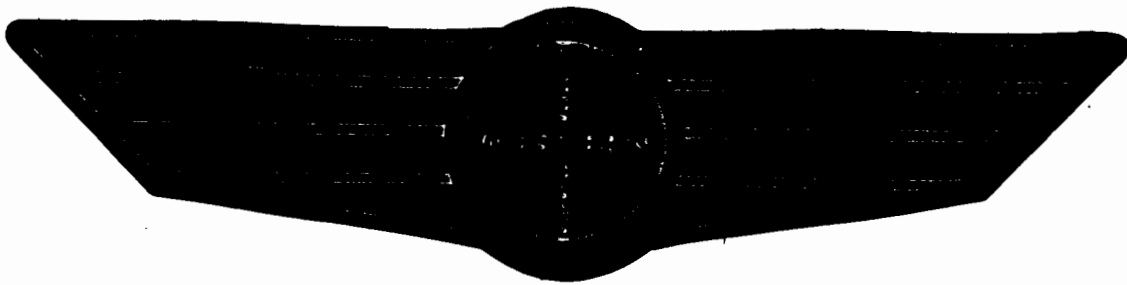


Inside Recorder



Outside Recorder

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1 - 800-688-7021

DST REPORT

GENERAL INFORMATION

DATE	: 10/6/92	TICKET	: 19539
CUSTOMER	: HALLWOOD PETROLEUM, INC.	LEASE	: EVELEIGH
WELL	: 2	TEST:	: 3
ELEVATION	: 1817 GL	GEOLOGIST	: JIM MUSGROVE
SECTION	: 31	FORMATION	: LANSING
RANGE	: 12W	TOWNSHIP	: 17S
COUNTY	: BARTON	STATE	: KS
Gauge SN#	: 10270	RANGE	: 4150
		CLOCK	: 12

WELL INFORMATION

PERFORATION INTERVAL FROM:	3139.00 ft	TO:	3162.00 ft	TVD:	3162.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	OIL
DEPTH OF RECORDERS:	3154.0 ft		3157.0 ft		
TEMPERATURE:	107.0				
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 :	3119.0 ft	I.D.:		3.800 in	
TEST TOOL LENGTH :	20.0 ft	TOOL SIZE :		5.500 in	
ANCHOR LENGTH :	23.0 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:	3134.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	3139.0 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 DRLG RIG 4	VISCOSITY :	50.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	9.200 cc
WEIGHT :	9.200 ppg		
CHLORIDES :	8000 ppm	SERIAL NUMBER:	
JARS-MAKE :		REVERSED OUT?:	NO
DID WELL FLOW?:	NO		

COMMENTS

Comment

INITIAL FLOW PERIOD WEAK BLOW THROUGHOUT, 1/2 INCH
TO A 2 INCH BLOW. FINAL FLOW PERIOD WEAK BLOW
THROUGHOUT, 1 INCH TO A 2 INCH BLOW.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
10.0	100.0	0.0	0.0	0.0	CLEAN OIL-GRAVITY 44
90.0	0.0	0.0	80.0	20.0	MUDDY WATER W/SCUM OF OIL
0.0	0.0	0.0	0.0	0.0	IN GRINDOUT
0.0	0.0	0.0	0.0	0.0	CHLORIDES 58000 P.P.M.
0.0	0.0	0.0	0.0	0.0	80' OF GAS ABOVE FLUID

RATE INFORMATION

OIL VOLUME:	0.1403 STB		
GAS VOLUME:	0.0000 SCF	TOTAL FLOW TIME:	90.0000 min.
MUD VOLUME:	0.2525 STB	AVERAGE OIL RATE:	2.2442 STB/D
WATER VOLUME:	1.0099 STB	AVERAGE WATER RATE:	20.1980 STB/D
TOTAL FLUID :	1.4026 STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1578.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	41.00	41.00
INITIAL SHUT-IN	45.00		124.00
FINAL FLOW	60.00	52.00	62.00
FINAL SHUT-IN	90.00		124.00

FINAL HYDROSTATIC PRESSURE: 1568.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1600.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	41.00	45.00
INITIAL SHUT-IN	45.00		124.00
FINAL FLOW	60.00	56.00	65.00
FINAL SHUT-IN	90.00		131.00

FINAL HYDROSTATIC PRESSURE: 1566.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 10/6/92	TICKET : 19539
CUSTOMER : HALLWOOD PETROLEUM, INC.	LEASE : EVELEIGH
WELL : 2	GEOLOGIST: JIM MUSGROVE
ELEVATION: 1817 GL	FORMATION: LANSING
SECTION : 31	TOWNSHIP : 17S
RANGE : 12W	STATE : KS
GAUGE SN#: 10270	CLOCK : 12
COUNTY: BARTON	
RANGE : 4150	

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	41.00	41.00
5.00	41.00	0.00
10.00	41.00	0.00
15.00	41.00	0.00
20.00	42.00	1.00
25.00	43.00	1.00
30.00	45.00	2.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	53.00	53.00	0.00
6.00	94.00	41.00	0.00
9.00	107.00	13.00	0.00
12.00	113.00	6.00	0.00
15.00	117.00	4.00	0.00
18.00	119.00	2.00	0.00
21.00	120.00	1.00	0.00
24.00	121.00	1.00	0.00
27.00	122.00	1.00	0.00
30.00	122.00	0.00	0.00
33.00	123.00	1.00	0.00
36.00	123.00	0.00	0.00
39.00	124.00	1.00	0.00
42.00	124.00	0.00	0.00
45.00	124.00	0.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	56.00	56.00
5.00	56.00	0.00
10.00	56.00	0.00
15.00	56.00	0.00
20.00	57.00	1.00
25.00	57.00	0.00
30.00	57.00	0.00
35.00	58.00	1.00
40.00	58.00	0.00
45.00	59.00	1.00
50.00	61.00	2.00
55.00	63.00	2.00
60.00	65.00	2.00

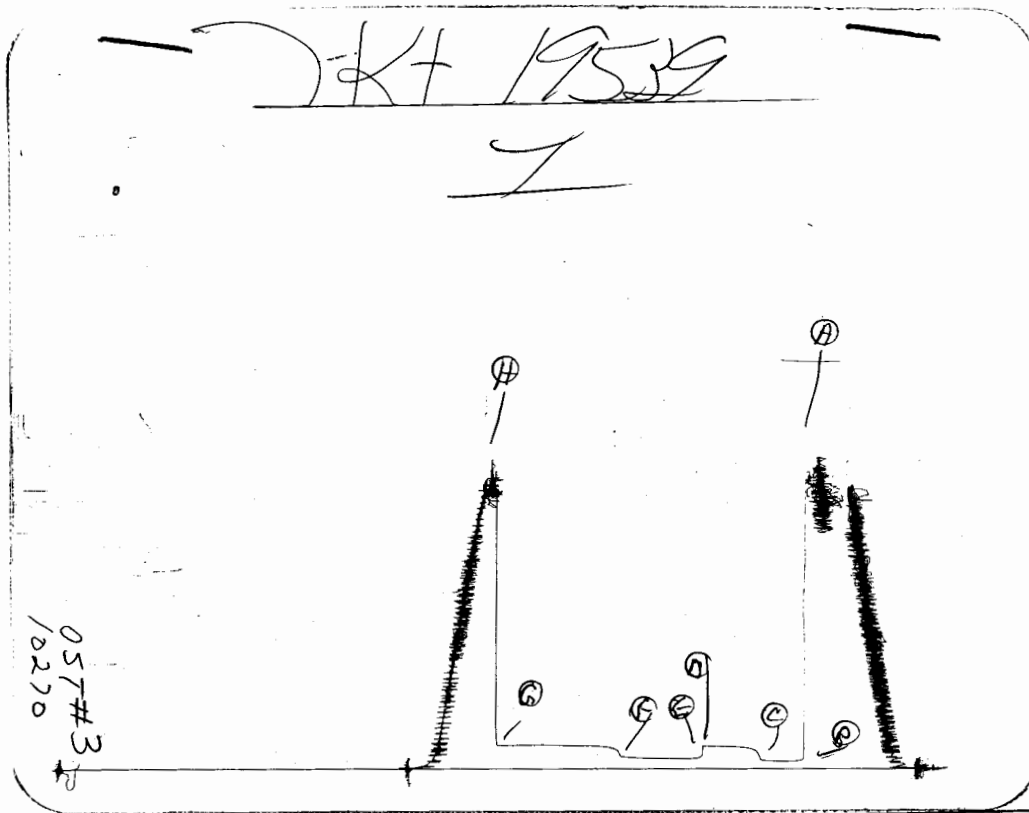
FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	98.00	98.00	0.00
6.00	109.00	11.00	0.00
9.00	117.00	8.00	0.00
12.00	119.00	2.00	0.00
15.00	121.00	2.00	0.00
18.00	122.00	1.00	0.00
21.00	123.00	1.00	0.00
24.00	124.00	1.00	0.00
27.00	125.00	1.00	0.00
30.00	126.00	1.00	0.00
33.00	127.00	1.00	0.00
36.00	128.00	1.00	0.00
39.00	129.00	1.00	0.00
42.00	129.00	0.00	0.00
45.00	129.00	0.00	0.00
48.00	130.00	1.00	0.00
51.00	130.00	0.00	0.00
54.00	130.00	0.00	0.00
57.00	130.00	0.00	0.00
60.00	131.00	1.00	0.00
63.00	131.00	0.00	0.00
66.00	131.00	0.00	0.00
69.00	131.00	0.00	0.00
72.00	131.00	0.00	0.00
75.00	131.00	0.00	0.00

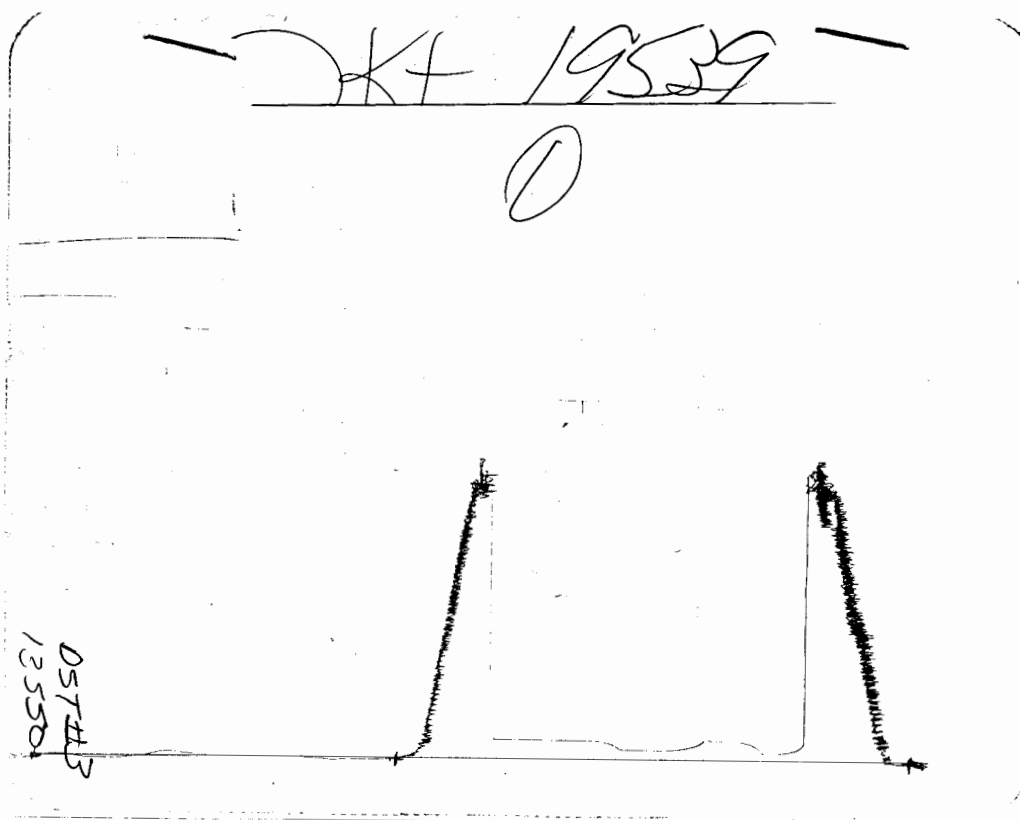
PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
78.00	131.00	0.00	0.00
81.00	131.00	0.00	0.00
84.00	131.00	0.00	0.00
87.00	131.00	0.00	0.00
90.00	131.00	0.00	0.00

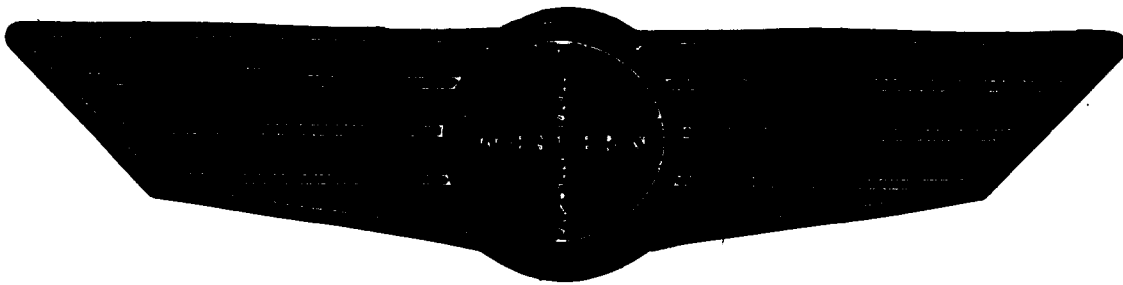


Inside Recorder



Outside Recorder

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1 - 800-688- 7021

COMPANY HALLWOOD PETROLEUM, INC. LEASE & WELL NO. #2 EVELLEIGH SEC. 31 TWP. 17S RGE. 12W TEST NO. 4 DATE 10/7/92

DST REPORT

GENERAL INFORMATION

DATE : 10/7/92
CUSTOMER : HALLWOOD PETROLEUM, INC.
WELL : 2 TEST: 4
ELEVATION: 1817 GL
SECTION : 31
RANGE : 12W COUNTY: BARTON
GAUGE SN#: 10270 RANGE : 4150

TICKET : 19540
LEASE : EVELEIGH
GEOLOGIST: JIM MUSGROVE
FORMATION: ARBUCKLE
TOWNSHIP : 17S
STATE : KS
CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 3310.00 ft TO: 3365.00 ft TVD: 3365.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 3357.0 ft 3360.0 ft
TEMPERATURE: 110.0

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 :	3290.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH :	20.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH :	55.0 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:	3305.0 ft	SIZE:	6.630 in
PACKER DEPTH:	3310.0 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 DRLG RIG 4
MUD TYPE : CHEMICAL
WEIGHT : 9.300 ppg
CHLORIDES : 8500 ppm
JARS-MAKE :
DID WELL FLOW?: NO

VISCOSITY : 42.00 cp
WATER LOSS: 10.000 cc

SERIAL NUMBER:
REVERSED OUT?: NO

COMMENTS

Comment

INITIAL FLOW PERIOD WEAK BLOW THROUGHOUT, 1/2 INCH
TO A 1 INCH BLOW. FINAL FLOW PERIOD VERY WEAK BLOW
THROUGHOUT, 1/4 INCH BLOW.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
30.0	6.0	0.0	0.0	94.0	OIL CUT MUD

RATE INFORMATION

OIL VOLUME:	0.0252	STB	TOTAL FLOW TIME:	90.0000	min.
GAS VOLUME:	0.0000	SCF	AVERAGE OIL RATE:	6.7327	STB/D
MUD VOLUME:	0.3955	STB	AVERAGE WATER RATE:	0.0000	STB/D
WATER VOLUME:	0.0000	STB			
TOTAL FLUID :	0.4208	STB			

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1692.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	41.00	41.00
INITIAL SHUT-IN	45.00		676.00
FINAL FLOW	60.00	41.00	41.00
FINAL SHUT-IN	60.00		665.00

FINAL HYDROSTATIC PRESSURE: 1672.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1697.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	77.00	62.00
INITIAL SHUT-IN	39.00		646.00
FINAL FLOW	60.00	82.00	62.00
FINAL SHUT-IN	63.00		653.00

FINAL HYDROSTATIC PRESSURE: 1633.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 10/7/92	TICKET : 19540
CUSTOMER : HALLWOOD PETROLEUM, INC.	LEASE : EVELEIGH
WELL : 2 TEST: 4	GEOLOGIST: JIM MUSGROVE
ELEVATION: 1817 GL	FORMATION: ARBUCKLE
SECTION : 31	TOWNSHIP : 17S
RANGE : 12W COUNTY: BARTON	STATE : KS
GAUGE SN#: 10270 RANGE : 4150	CLOCK : 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	77.00	77.00
5.00	77.00	0.00
10.00	77.00	0.00
15.00	73.00	-4.00
20.00	67.00	-6.00
25.00	64.00	-3.00
30.00	62.00	-2.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	66.00	66.00	0.00
6.00	69.00	3.00	0.00
9.00	79.00	10.00	0.00
12.00	123.00	44.00	0.00
15.00	180.00	57.00	0.00
18.00	251.00	71.00	0.00
21.00	324.00	73.00	0.00
24.00	391.00	67.00	0.00
27.00	451.00	60.00	0.00
30.00	511.00	60.00	0.00
33.00	555.00	44.00	0.00
36.00	602.00	47.00	0.00
39.00	646.00	44.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW

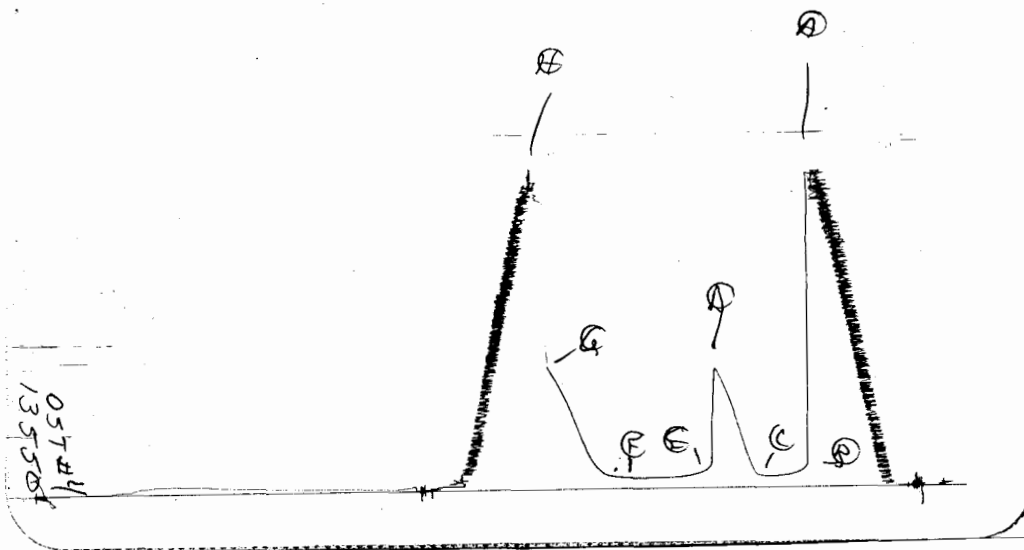
Time (min)	Pressure	Delta P
0.00	82.00	82.00
5.00	82.00	0.00
10.00	82.00	0.00
15.00	74.00	-8.00
20.00	68.00	-6.00
25.00	63.00	-5.00
30.00	62.00	-1.00
35.00	61.00	-1.00
40.00	60.00	-1.00
45.00	60.00	0.00
50.00	60.00	0.00
55.00	61.00	1.00
60.00	62.00	1.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	63.00	63.00	0.00
6.00	64.00	1.00	0.00
9.00	67.00	3.00	0.00
12.00	69.00	2.00	0.00
15.00	73.00	4.00	0.00
18.00	78.00	5.00	0.00
21.00	89.00	11.00	0.00
24.00	107.00	18.00	0.00
27.00	133.00	26.00	0.00
30.00	166.00	33.00	0.00
33.00	209.00	43.00	0.00
36.00	264.00	55.00	0.00
39.00	316.00	52.00	0.00
42.00	367.00	51.00	0.00
45.00	419.00	52.00	0.00
48.00	457.00	38.00	0.00
51.00	496.00	39.00	0.00
54.00	537.00	41.00	0.00
57.00	575.00	38.00	0.00
60.00	612.00	37.00	0.00
63.00	653.00	41.00	0.00

KT 19540

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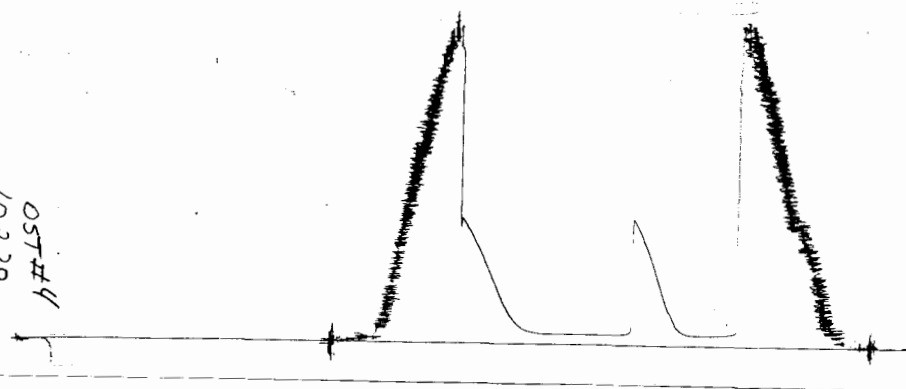


Inside Recorder

KT 19540

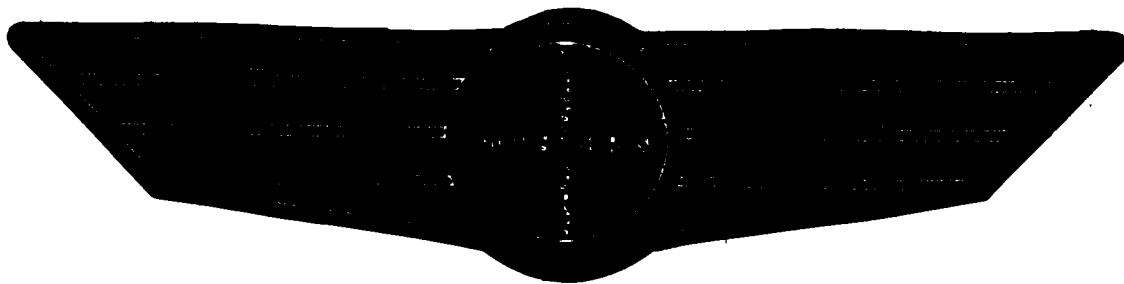
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Outside Recorder

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1 - 800-688-7021

COMPANY HALLOWOOD PETROLEUM, INC. LEASE & WELL NO. #2 EVELLEIGH SEC. 31 TWP. 17S RGE. 12W TEST NO. 5 DATE 10/8/92

DST REPORT

GENERAL INFORMATION

DATE	: 10/8/92	TICKET	: 19541
CUSTOMER	: HALLWOOD PETROLEUM, INC.	LEASE	: EVELEIGH
WELL	: 2	TEST:	5
ELEVATION	: 1817 GL	GEOLOGIST	: JIM MUSGROVE
SECTION	: 31	FORMATION	: ARBUCKLE
RANGE	: 12W	TOWNSHIP	: 17S
GAUGE SN#	: 10270	STATE	: KS
	COUNTY: BARTON	CLOCK	: 12
	RANGE : 4150		

WELL INFORMATION

PERFORATION INTERVAL FROM:	3364.00 ft	TO:	3374.00 ft	TVD:	3374.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	OIL
DEPTH OF RECORDERS:	3368.0 ft		3371.0 ft		
TEMPERATURE:	110.0				
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 :	3344.0 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:	3359.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	3364.0 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 DRLG RIG 4	VISCOSITY :	41.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	10.000 cc
WEIGHT :	9.300 ppg		
CHLORIDES :	9000 ppm	SERIAL NUMBER:	
JARS-MAKE :		REVERSED OUT?:	NO
DID WELL FLOW?:	NO		

COMMENTS

Comment

INITIAL FLOW PERIOD WEAK BLOW, DIED IN 22 MINUTES.
FINAL FLOW PERIOD NO BLOW.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
5.0	1.0	0.0	0.0	99.0	SLY OIL CUT MUD

RATE INFORMATION

OIL VOLUME:	0.0007 STB		
GAS VOLUME:	0.0000 SCF	TOTAL FLOW TIME:	60.0000 min.
MUD VOLUME:	0.0694 STB	AVERAGE OIL RATE:	1.6832 STB/D
WATER VOLUME:	0.0000 STB	AVERAGE WATER RATE:	0.0000 STB/D
TOTAL FLUID :	0.0701 STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1661.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	31.00	31.00
INITIAL SHUT-IN	45.00		977.00
FINAL FLOW	30.00	31.00	31.00
FINAL SHUT-IN	45.00		904.00

FINAL HYDROSTATIC PRESSURE: 1661.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1657.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	27.00	27.00
INITIAL SHUT-IN	48.00		981.00
FINAL FLOW	30.00	29.00	29.00
FINAL SHUT-IN	45.00		913.00

FINAL HYDROSTATIC PRESSURE: 1654.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 10/8/92	TICKET : 19541
CUSTOMER : HALLWOOD PETROLEUM, INC.	LEASE : EVELEIGH
WELL : 2 TEST: 5	GEOLOGIST: JIM MUSGROVE
ELEVATION: 1817 GL	FORMATION: ARBUCKLE
SECTION : 31	TOWNSHIP : 17S
RANGE : 12W COUNTY: BARTON	STATE : KS
GAUGE SN#: 10270 RANGE : 4150	CLOCK : 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	27.00	27.00
5.00	27.00	0.00
10.00	27.00	0.00
15.00	27.00	0.00
20.00	27.00	0.00
25.00	27.00	0.00
30.00	27.00	0.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	28.00	28.00	0.00
6.00	40.00	12.00	0.00
9.00	184.00	144.00	0.00
12.00	427.00	243.00	0.00
15.00	571.00	144.00	0.00
18.00	677.00	106.00	0.00
21.00	752.00	75.00	0.00
24.00	802.00	50.00	0.00
27.00	846.00	44.00	0.00
30.00	879.00	33.00	0.00
33.00	899.00	20.00	0.00
36.00	921.00	22.00	0.00
39.00	939.00	18.00	0.00
42.00	954.00	15.00	0.00
45.00	969.00	15.00	0.00
48.00	981.00	12.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

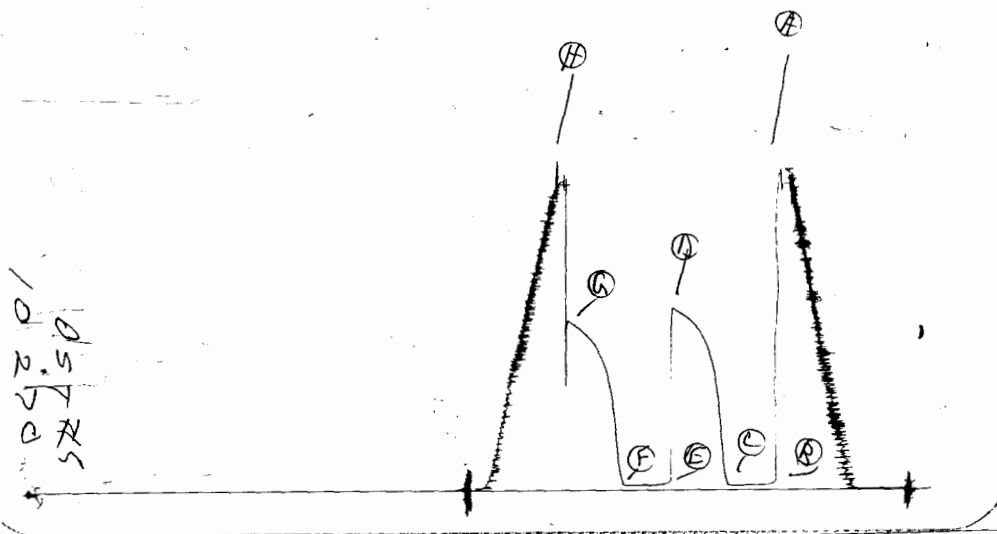
FINAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	29.00	29.00
5.00	29.00	0.00
10.00	29.00	0.00
15.00	29.00	0.00
20.00	29.00	0.00
25.00	29.00	0.00
30.00	29.00	0.00

FINAL SHUT IN

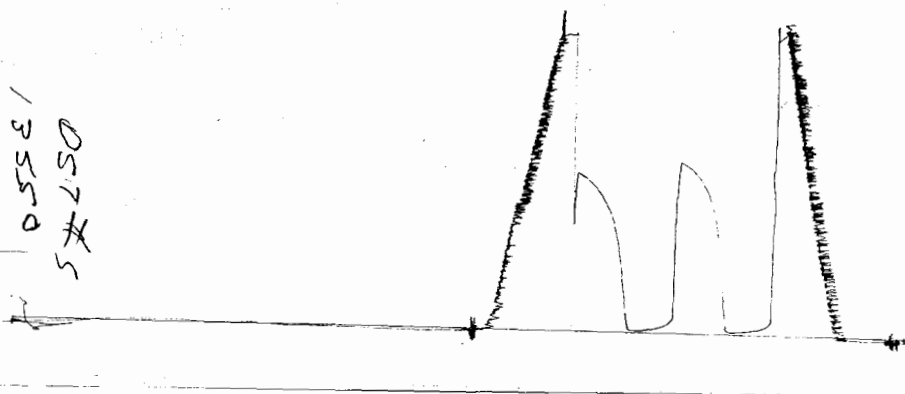
<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	54.00	54.00	0.00
6.00	181.00	127.00	0.00
9.00	370.00	189.00	0.00
12.00	517.00	147.00	0.00
15.00	615.00	98.00	0.00
18.00	688.00	73.00	0.00
21.00	734.00	46.00	0.00
24.00	772.00	38.00	0.00
27.00	807.00	35.00	0.00
30.00	831.00	24.00	0.00
33.00	851.00	20.00	0.00
36.00	873.00	22.00	0.00
39.00	892.00	19.00	0.00
42.00	904.00	12.00	0.00
45.00	913.00	9.00	0.00

KT 19541
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Inside Recorder

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Outside Recorder