

ORIGINAL

DST REPORT

CONFIDENTIAL

GENERAL INFORMATION

DATE	: 4-26-95	TICKET	: 19745
CUSTOMER	: HARRIS OIL & GAS	LEASE	: SIMPSON
WELL	: #1-35	TEST: 1	
ELEVATION	: 2955 GL	GEOLOGIST	: FRANKLIN RELEASED
SECTION	: 35	FORMATION	: CHESTER
RANGE	: 33W	TOWNSHIP	: 30S
GAUGE SN#	: 1562	STATE	: KS
		CLOCK	: 12
			APR 1 1996

API#15-081-20918

FROM CONFIDENTIAL

WELL INFORMATION

PERFORATION INTERVAL FROM: 5425.00 ft TO: 5550.00 ft TVD: 6900.0 ft
 DEPTH OF SELECTIVE ZONE: 5553 TEST TYPE: OIL
 DEPTH OF RECORDERS: 5450.0 ft 5453.0 ft
 TEMPERATURE: 140.0

DRILL COLLAR LENGTH:	541.0 ft	I.D.:	2.250 in
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:	0.000 in
DRILL PIPE LENGTH :	4728.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH :	31.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH :	125.0 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 100
PACKER DEPTH:	5420.0 ft	SIZE:	6.630 in
PACKER DEPTH:	5425.0 ft	SIZE:	6.630 in
PACKER DEPTH:	5550.0 ft	SIZE:	6.630 in
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in

AUG 3
CONFIDENTIAL

MUD INFORMATION

DRILLING CON. :	ZENITH #6	VISCOSITY :	55.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	8.000 cc
WEIGHT :	9.000 ppg		
CHLORIDES :	1100 ppm	SERIAL NUMBER:	401
JARS-MAKE :	WTC	REVERSED OUT?:	NO
DID WELL FLOW?:	YES		

COMMENTS

Comment

STRONG BLOW OFF BOTTOM OF BUCKET IN 1 MINUTE, GAS TO SURFACE IN 4 MINUTES. GAS GAUGED BY PRECISION TESTING THRU SEPERATOR APPROX 5.9 MILLION CUBIC FT

DST REPORT (CONTINUED)

COMMENTS (CONTINUED)

Comment

PER DAY.
91FT DRILL COLLAR IN ANCHOR.

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
155.0	100.0	0.0	0.0	0.0	FREE OIL
85.0	0.0	0.0	70.0	30.0	MUDDY WATER
0.0	0.0	0.0	0.0	0.0	CHLORIDES 3800 PPM

RATE INFORMATION

OIL VOLUME:	0.7622 STB	TOTAL FLOW TIME:	50.0000 min.
GAS VOLUME:	0.0000 SCF	AVERAGE OIL RATE:	21.9516 STB/D
MUD VOLUME:	0.1254 STB	AVERAGE WATER RATE:	12.0380 STB/D
WATER VOLUME:	0.2926 STB		
TOTAL FLUID :	1.1802 STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2715.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	1509.00	1529.00
INITIAL SHUT-IN	60.00		1618.00
FINAL FLOW	20.00	1559.00	1539.00
FINAL SHUT-IN	90.00		1608.00

FINAL HYDROSTATIC PRESSURE: 2537.00

ORIGINAL

DST REPORT (CONTINUED)

CONFIDENTIAL

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2725.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	1513.00	1537.00
INITIAL SHUT-IN	60.00		1614.00
FINAL FLOW	20.00	1573.00	1563.00
FINAL SHUT-IN	99.00		1620.00

FINAL HYDROSTATIC PRESSURE: 2503.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 4-26-95	TICKET : 19745
CUSTOMER : HARRIS OIL & GAS	LEASE : SIMPSON
WELL : #1-35 TEST: 1	GEOLOGIST: FRANKLIN
ELEVATION: 2955 GL	FORMATION: CHESTER
SECTION : 35	TOWNSHIP : 30S
RANGE : 33W COUNTY: HASKELL	STATE : KS
GAUGE SN#: 1562 RANGE : 3900	CLOCK : 12

INITIAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	1513.00	1513.00
5.00	1517.00	4.00
10.00	1523.00	6.00
15.00	1535.00	12.00
20.00	1537.00	2.00
25.00	1537.00	0.00
30.00	1537.00	0.00

INITIAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	1602.00	1602.00	11.00
6.00	1606.00	4.00	6.00
9.00	1612.00	6.00	4.33
12.00	1612.00	0.00	3.50
15.00	1614.00	2.00	3.00
18.00	1614.00	0.00	2.67
21.00	1614.00	0.00	2.43
24.00	1614.00	0.00	2.25
27.00	1614.00	0.00	2.11
30.00	1614.00	0.00	2.00
33.00	1614.00	0.00	1.91
36.00	1614.00	0.00	1.83
39.00	1614.00	0.00	1.77
42.00	1614.00	0.00	1.71
45.00	1614.00	0.00	1.67
48.00	1614.00	0.00	1.63
51.00	1614.00	0.00	1.59
54.00	1614.00	0.00	1.56
57.00	1614.00	0.00	1.53

PRESSURE TRANSIENT REPORT (CONTINUED)

INITIAL SHUT IN (CONTINUED)

Time (min)	Pressure	Delta P	Horner T
60.00	1614.00	0.00	1.50

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	1573.00	1573.00
5.00	1573.00	0.00
10.00	1569.00	-4.00
15.00	1565.00	-4.00
20.00	1563.00	-2.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	1592.00	1592.00	7.67
6.00	1604.00	12.00	4.33
9.00	1610.00	6.00	3.22
12.00	1614.00	4.00	2.67
15.00	1616.00	2.00	2.33
18.00	1620.00	4.00	2.11
21.00	1620.00	0.00	1.95
24.00	1620.00	0.00	1.83
27.00	1620.00	0.00	1.74
30.00	1620.00	0.00	1.67
33.00	1620.00	0.00	1.61
36.00	1620.00	0.00	1.56
39.00	1620.00	0.00	1.51
42.00	1620.00	0.00	1.48
45.00	1620.00	0.00	1.44
48.00	1620.00	0.00	1.42
51.00	1620.00	0.00	1.39
54.00	1620.00	0.00	1.37
57.00	1620.00	0.00	1.35
60.00	1620.00	0.00	1.33
63.00	1620.00	0.00	1.32
66.00	1620.00	0.00	1.30
69.00	1620.00	0.00	1.29
72.00	1620.00	0.00	1.28

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
75.00	1620.00	0.00	1.27
78.00	1620.00	0.00	1.26
81.00	1620.00	0.00	1.25
84.00	1620.00	0.00	1.24
87.00	1620.00	0.00	1.23
90.00	1620.00	0.00	1.22
93.00	1620.00	0.00	1.22
96.00	1620.00	0.00	1.21
99.00	1620.00	0.00	1.20

FLUID SAMPLE REPORT

GENERAL INFORMATION

DATE	: 4-26-95	TICKET	: 19745
CUSTOMER	: HARRIS OIL & GAS	LEASE	: SIMPSON
WELL	: #1-35	TEST:	1
ELEVATION:	2955 GL	GEOLOGIST:	FRANKLIN
SECTION	: 35	FORMATION:	CHESTER
RANGE	: 33W	COUNTY:	HASKELL
GAUGE SN#:	1562	RANGE	: 3900
		STATE	: KS
		CLOCK	: 12

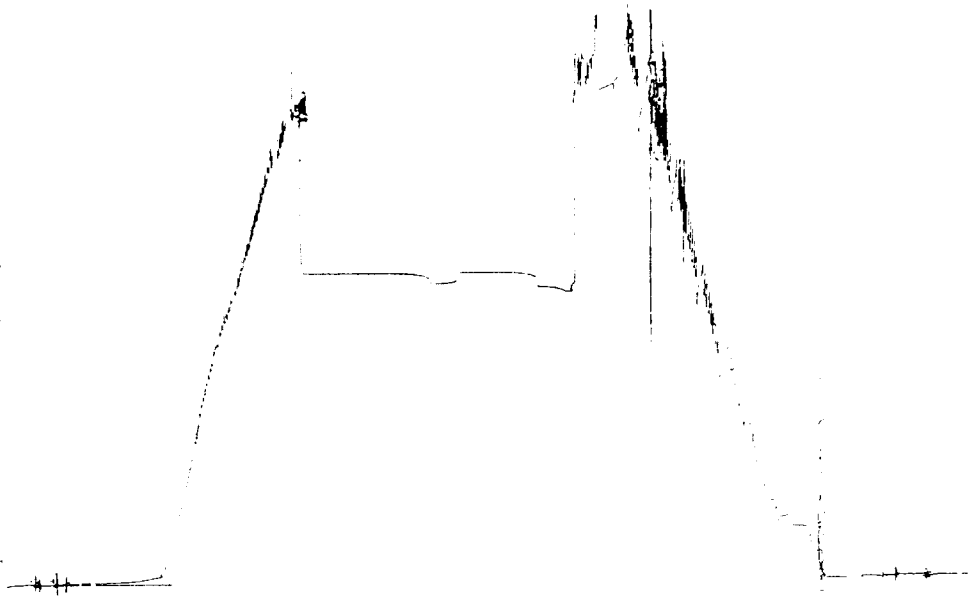
SAMPLE INFORMATION

PRESSURE IN SAMPLER:	195.00 PSIG	BHT:	140.0 DEG F
TOTAL VOLUME OF SAMPLER:	3500.00 cc		
TOTAL VOLUME OF SAMPLE:	600.00 cc		
OIL:	400.00 cc		
WATER:	200.00 cc		
MUD:	0.00 cc		
GAS:	0.00 cc		
OTHER:	0.00 cc		

RESISTIVITY

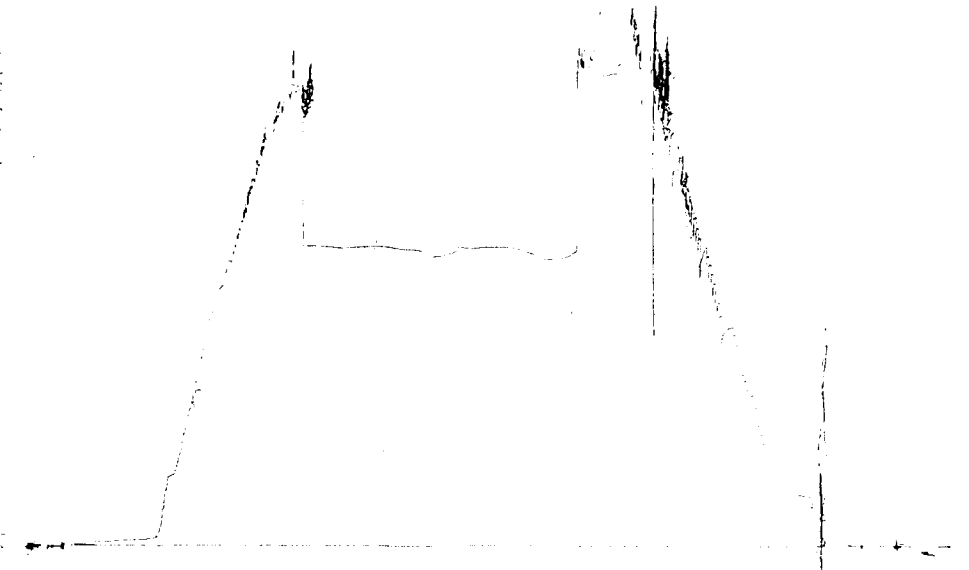
DRILLING MUD:	1.5 @ 70 DEGREES F.	CHLORIDE CONTENT:	3800.00 ppm
MUD PIT SAMPLE:		CHLORIDE CONTENT:	1100.00 ppm
GAS/OIL RATIO:		GRAVITY:	36 @ 60 DEGREES F.
WHERE WAS SAMPLE DRAINED:	WELL SITE		
REMARKS:			

1562
TOP
DST #1



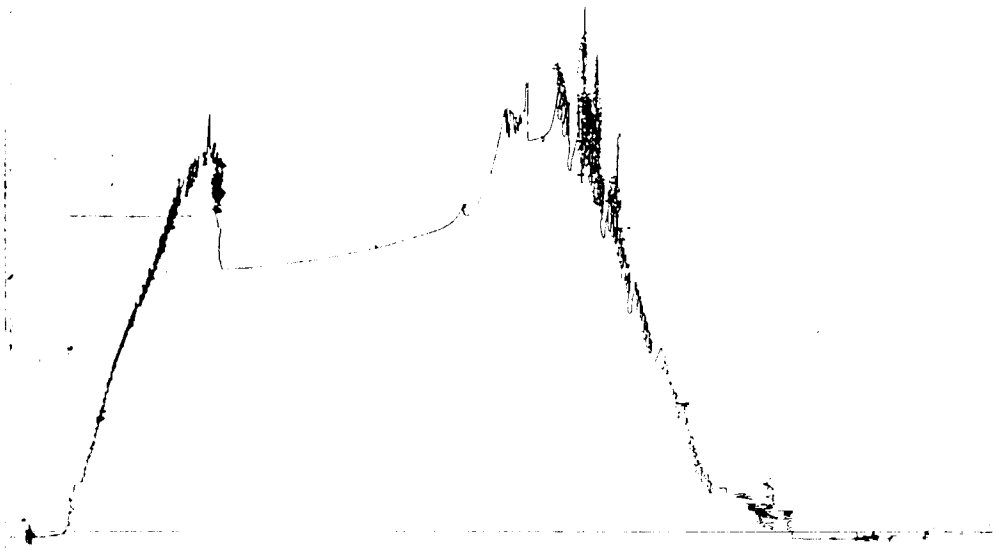
Inside Recorder

2605
DST #1
Bottom

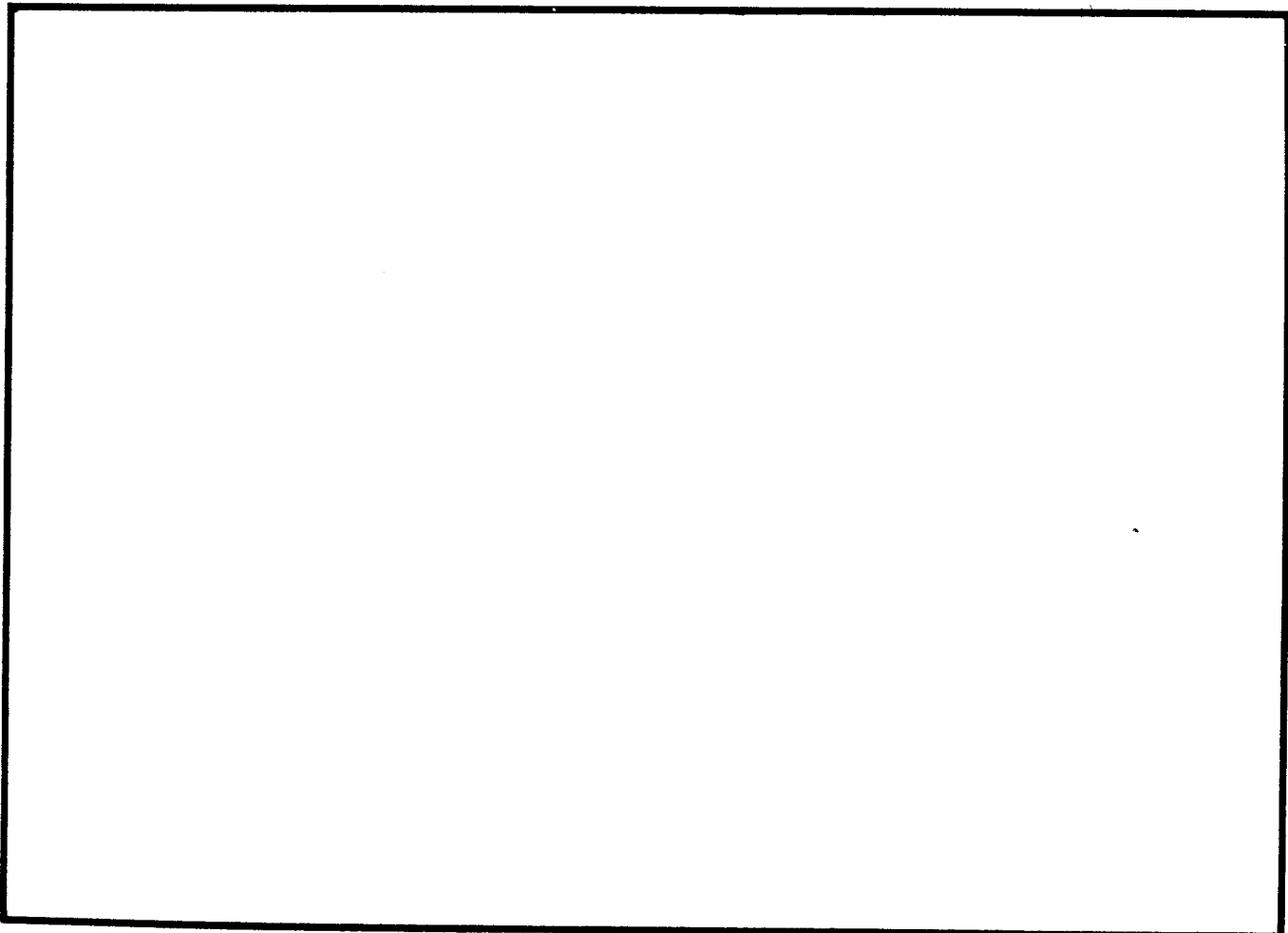


Outside Recorder

DS1 #1
STRADOLR



Inside Recorder



Outside Recorder