

CONFIDENTIAL

FORMATION

ORIGINAL

TEST

RELEASED

JAN 11 1996

FROM CONFIDENTIAL

REPORT

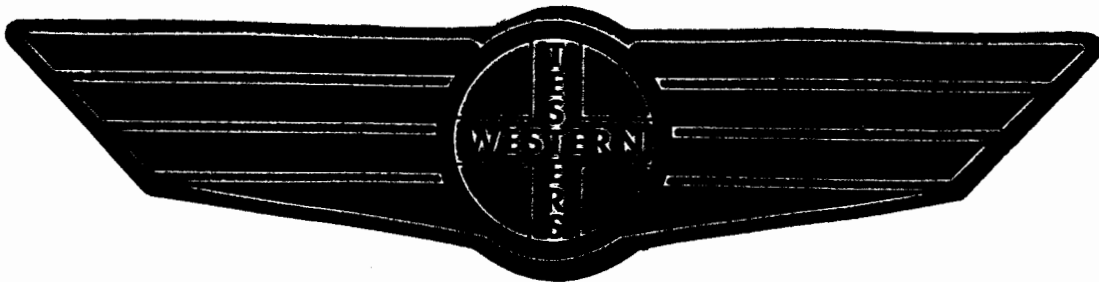
KCC

DEC 20

CONFIDENTIAL

API #15-055-21 252

3E-03E



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1-800-637-021

COMPANY HARRIS OIL & GAS

LEASE & WELL NO. #5-16 GARDEN CITY ASPEC. 16 TWP. 23S RGE. 34W T15S R1E NO. 1 DATED 11/15/93

DST REPORT

GENERAL INFORMATION

DATE	: 11-15-93	TICKET	: 19953
CUSTOMER	: HARRIS OIL & GAS	LEASE	: GARDEN CITY A
WELL	: 5-16	TEST:	1
ELEVATION	: 2952 K.B.	GEOLOGIST	: H. FRAULIC
SECTION	: 16	FORMATION	: MORROW SAND
RANGE	: 34W	TOWNSHIP	: 23S
GAUGE SN#	: 3849	STATE	: KS
COUNTY	: FINNEY	CLOCK	: 12
RANGE	: 4200		

WELL INFORMATION

PERFORATION INTERVAL FROM:	4595.00 ft	TO:	4646.00 ft	TVD:	4646.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	OIL
DEPTH OF RECORDERS:	4602.0 ft		4605.0 ft		
TEMPERATURE:	112.0				
DRILL COLLAR LENGTH:	116.0 ft	I.D.:	2.250 in		
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:	0.000 in		
DRILL PIPE LENGTH :	4451.0 ft	I.D.:	3.800 in		
TEST TOOL LENGTH :	28.0 ft	TOOL SIZE :	5.500 in		
ANCHOR LENGTH :	51.0 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:	4590.0 ft	SIZE:	6.630 in		
PACKER DEPTH:	4595.0 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. #1	VISCOSITY :	53.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	7.200 cc
WEIGHT :	9.300 ppg		
CHLORIDES :	30000 ppm	SERIAL NUMBER:	421
JARS-MAKE :	WTC	REVERSED OUT?:	NO
DID WELL FLOW?:	NO		

COMMENTS

Comment

WEAK 1/2" BLOW SLOWLY BUILDING TO THE BOTTOM OF
THE BUCKET IN 29 MINUTES ON INITIAL FLOW PERIOD.
FAIR 5" BLOW TO BOTTOM OF BUCKET IN 2 MINUTES ON

CONFIDENTIAL

DST REPORT (CONTINUED)

COMMENTS (CONTINUED)

Comment

FINAL FLOW PERIOD.

NCC

DEC 20

~~CONFIDENTIAL~~

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
25.0	26.0	0.0	0.0	74.0	OIL CUT MUD
50.0	34.0	13.0	0.0	53.0	H. OIL C/GASSY MUD
50.0	33.0	42.0	0.0	25.0	SLI. MUD C/GASSY OIL
0.0	0.0	0.0	0.0	0.0	495' OF GAS ABOVE FLUID

RATE INFORMATION

OIL VOLUME: 0.2180 STB
 GAS VOLUME: 0.7593 SCF
 MUD VOLUME: 0.3434 STB
 WATER VOLUME: 0.0000 STB
 TOTAL FLUID : 0.5614 STB

TOTAL FLOW TIME: 90.0000 min.
 AVERAGE OIL RATE: 8.9829 STB/D
 AVERAGE WATER RATE: 0.0000 STB/D

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2220.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	34.00	40.00
INITIAL SHUT-IN	60.00		1156.00
FINAL FLOW	60.00	55.00	65.00
FINAL SHUT-IN	120.00		1633.00

FINAL HYDROSTATIC PRESSURE: 2194.00

DST REPORT (CONTINUED)

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2220.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	36.00	43.00
INITIAL SHUT-IN	60.00		1151.00
FINAL FLOW	60.00	62.00	69.00
FINAL SHUT-IN	120.00		1639.00
FINAL HYDROSTATIC PRESSURE:	2190.00		

CONFIDENTIAL

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE	: 11-15-93	TICKET	: 19953
CUSTOMER	: HARRIS OIL & GAS	LEASE	: GARDEN CITY A
WELL	: 5-16	TEST:	1
ELEVATION:	2952 K.B.	GEOLOGIST:	H. FRAULIC
SECTION	: 16	FORMATION:	MORROW SAND
RANGE	: 34W	COUNTY:	FINNEY
GAUGE SN#:	3849	STATE	: KS
		RANGE	: 4200
		CLOCK	: 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	36.00	36.00
5.00	37.00	1.00
10.00	38.00	1.00
15.00	39.00	1.00
20.00	40.00	1.00
25.00	41.00	1.00
30.00	43.00	2.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	49.00	49.00	11.00
6.00	60.00	11.00	6.00
9.00	74.00	14.00	4.33
12.00	92.00	18.00	3.50
15.00	106.00	14.00	3.00
18.00	132.00	26.00	2.67
21.00	152.00	20.00	2.43
24.00	186.00	34.00	2.25
27.00	216.00	30.00	2.11
30.00	245.00	29.00	2.00
33.00	296.00	51.00	1.91
36.00	350.00	54.00	1.83
39.00	420.00	70.00	1.77
42.00	500.00	80.00	1.71
45.00	611.00	111.00	1.67
48.00	728.00	117.00	1.63
51.00	860.00	132.00	1.59
54.00	991.00	131.00	1.56
57.00	1111.00	120.00	1.53

PRESSURE TRANSIENT REPORT (CONTINUED)

INITIAL SHUT IN (CONTINUED)

<u>Time</u> <u>(min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
60.00	1151.00	40.00	1.50

FINAL FLOW

<u>Time</u> <u>(min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	62.00	62.00
5.00	62.00	0.00
10.00	62.00	0.00
15.00	63.00	1.00
20.00	64.00	1.00
25.00	65.00	1.00
30.00	66.00	1.00
35.00	67.00	1.00
40.00	68.00	1.00
45.00	69.00	1.00
50.00	69.00	0.00
55.00	69.00	0.00
60.00	69.00	0.00

FINAL SHUT IN

<u>Time</u> <u>(min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	81.00	81.00	22.67
6.00	88.00	7.00	11.83
9.00	103.00	15.00	8.22
12.00	120.00	17.00	6.42
15.00	138.00	18.00	5.33
18.00	156.00	18.00	4.61
21.00	182.00	26.00	4.10
24.00	213.00	31.00	3.71
27.00	248.00	35.00	3.41
30.00	285.00	37.00	3.17
33.00	335.00	50.00	2.97
36.00	404.00	69.00	2.81
39.00	483.00	79.00	2.67
42.00	577.00	94.00	2.55
45.00	688.00	111.00	2.44
48.00	788.00	100.00	2.35

CONFIDENTIAL

PRESSURE TRANSIENT REPORT (CONTINUED)

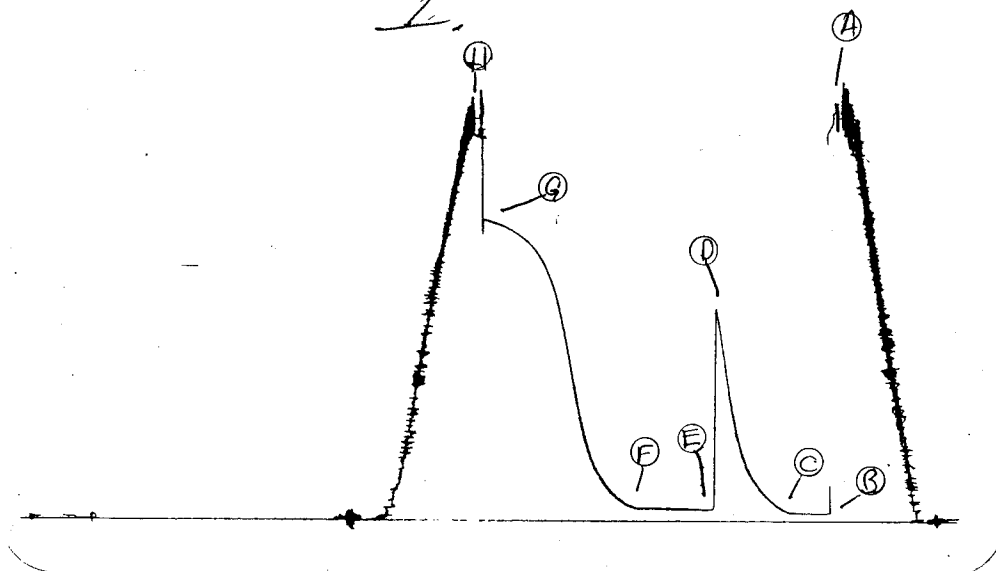
FINAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
51.00	913.00	125.00	2.27
54.00	1013.00	100.00	2.20
57.00	1079.00	66.00	2.14
60.00	1172.00	93.00	2.08
63.00	1237.00	65.00	2.03
66.00	1294.00	57.00	1.98
69.00	1350.00	56.00	1.94
72.00	1391.00	41.00	1.90
75.00	1428.00	37.00	1.87
78.00	1460.00	32.00	1.83
81.00	1484.00	24.00	1.80
84.00	1508.00	24.00	1.77
87.00	1525.00	17.00	1.75
90.00	1543.00	18.00	1.72
93.00	1561.00	18.00	0.00
96.00	1571.00	10.00	0.00
99.00	1586.00	15.00	0.00
102.00	1598.00	12.00	0.00
105.00	1607.00	9.00	0.00
108.00	1615.00	8.00	0.00
111.00	1623.00	8.00	0.00
114.00	1631.00	8.00	0.00
117.00	1636.00	5.00	0.00
120.00	1639.00	3.00	0.00

#38470571

19

TR# 19953
I.

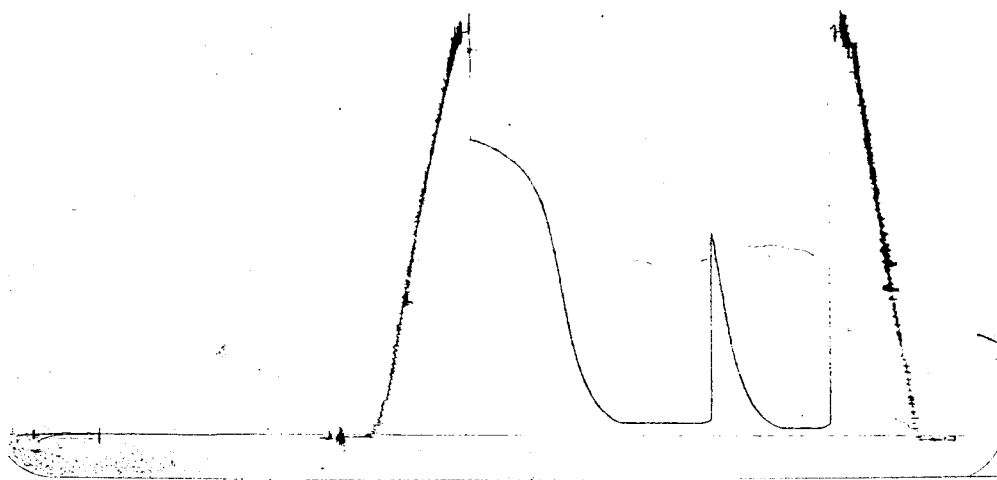


Inside Recorder

20470571

19

TR# 19953
O.



Outside Recorder

ORIGINAL

CONFIDENTIAL

FORMATION

RELEASED

JAN 11 1996

TEST

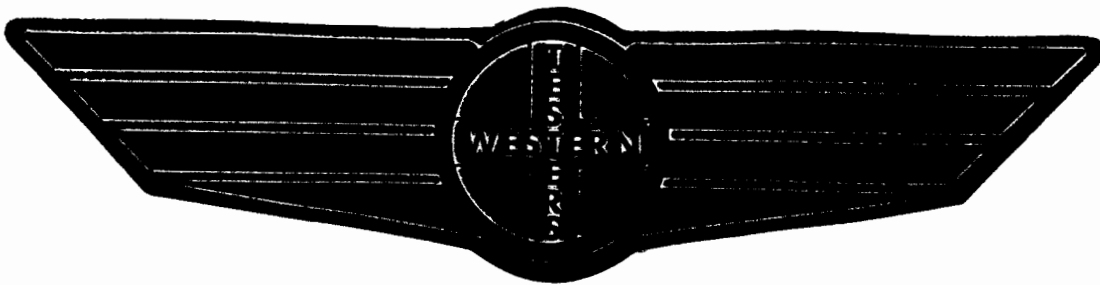
FROM CONFIDENTIAL

REPORT

RCC
DEC 20
CONFIDENTIAL

API #15-055-21252

SE-NE



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1-800-637-021

COMPANY HARRIS OIL & GAS

LEASE & WELL NO. #5-16 GARDEN CITY ARC. 16 TWP. 23S RGE. 34W T15S1 NO. 2 DATE 11/15/93

DST REPORT

GENERAL INFORMATION

DATE	: 11-15-93	TICKET	: 19954
CUSTOMER	: HARRIS OIL & GAS	LEASE	: GARDEN CITY A
WELL	: 5-16	TEST:	2
ELEVATION	: 2952 K.B.	GEOLOGIST	: RBT. KOZAREK
SECTION	: 16	FORMATION	: MORROW SAND
RANGE	: 34W	TOWNSHIP	: 23S
GAUGE SN#	: 3849	STATE	: KS
COUNTY	: FINNEY	CLOCK	: 12
RANGE	: 4200		

WELL INFORMATION

PERFORATION INTERVAL FROM:	4661.00 ft	TO:	4668.00 ft	TVD:	4668.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	OIL
DEPTH OF RECORDERS:	4641.0 ft		4665.0 ft		
TEMPERATURE:	112.0				
DRILL COLLAR LENGTH:	116.0 ft	I.D.:		2.250 in	
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:		0.000 in	
DRILL PIPE LENGTH :	4512.0 ft	I.D.:		3.800 in	
TEST TOOL LENGTH :	33.0 ft	TOOL SIZE :		5.500 in	
ANCHOR LENGTH :	7.0 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:	4656.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	4661.0 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. #1	VISCOSITY :	53.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	7.200 cc
WEIGHT :	9.300 ppg		
CHLORIDES :	30000 ppm	SERIAL NUMBER:	421
JARS-MAKE :	WTC	REVERSED OUT?:	NO
DID WELL FLOW?:	NO		

COMMENTS

Comment

VERY WEAK, DIED IN 16 MINUTES INTO INITIAL FLOW PERIOD. NO BLOW FINAL FLOW PERIOD.

DST REPORT (CONTINUED)

DEC 20

CONFIDENTIAL

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
5.0	0.0	0.0	0.0	100.0	MUD WITH SPECKS OF OIL

RATE INFORMATION

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

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2233.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	6.00	6.00
INITIAL SHUT-IN	45.00		10.00
FINAL FLOW	30.00	10.00	10.00
FINAL SHUT-IN	45.00		10.00

FINAL HYDROSTATIC PRESSURE: 2213.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2252.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	12.00	16.00
INITIAL SHUT-IN	45.00		23.00
FINAL FLOW	30.00	23.00	23.00
FINAL SHUT-IN	42.00		26.00

FINAL HYDROSTATIC PRESSURE: 2229.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 11-15-93	TICKET : 19954
CUSTOMER : HARRIS OIL & GAS	LEASE : GARDEN CITY A
WELL : 5-16 TEST: 2	GEOLOGIST: RBT. KOZAREK
ELEVATION: 2952 K.B.	FORMATION: MORROW SAND
SECTION : 16	TOWNSHIP : 23S
RANGE : 34W COUNTY: FINNEY	STATE : KS
GAUGE SN#: 3849 RANGE : 4200	CLOCK : 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	12.00	12.00
5.00	13.00	1.00
10.00	14.00	1.00
15.00	14.00	0.00
20.00	15.00	1.00
25.00	15.00	0.00
30.00	16.00	1.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	17.00	17.00	0.00
6.00	17.00	0.00	0.00
9.00	18.00	1.00	0.00
12.00	18.00	0.00	0.00
15.00	19.00	1.00	0.00
18.00	19.00	0.00	0.00
21.00	20.00	1.00	0.00
24.00	20.00	0.00	0.00
27.00	21.00	1.00	0.00
30.00	21.00	0.00	0.00
33.00	22.00	1.00	0.00
36.00	22.00	0.00	0.00
39.00	23.00	1.00	0.00
42.00	23.00	0.00	0.00
45.00	23.00	0.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	23.00	23.00
5.00	23.00	0.00
10.00	23.00	0.00
15.00	23.00	0.00
20.00	23.00	0.00
25.00	23.00	0.00
30.00	23.00	0.00

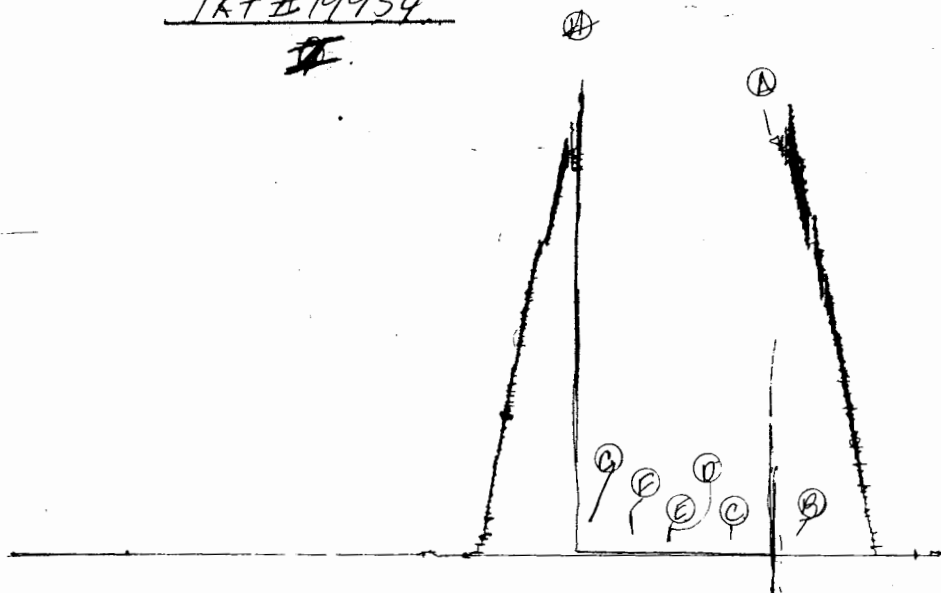
FINAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	23.00	23.00	0.00
6.00	23.00	0.00	0.00
9.00	23.00	0.00	0.00
12.00	23.00	0.00	0.00
15.00	24.00	1.00	0.00
18.00	24.00	0.00	0.00
21.00	24.00	0.00	0.00
24.00	24.00	0.00	0.00
27.00	25.00	1.00	0.00
30.00	25.00	0.00	0.00
33.00	25.00	0.00	0.00
36.00	26.00	1.00	0.00
39.00	26.00	0.00	0.00
42.00	26.00	0.00	0.00

#3849 DST 2

19

TK+ #19954
~~DE~~

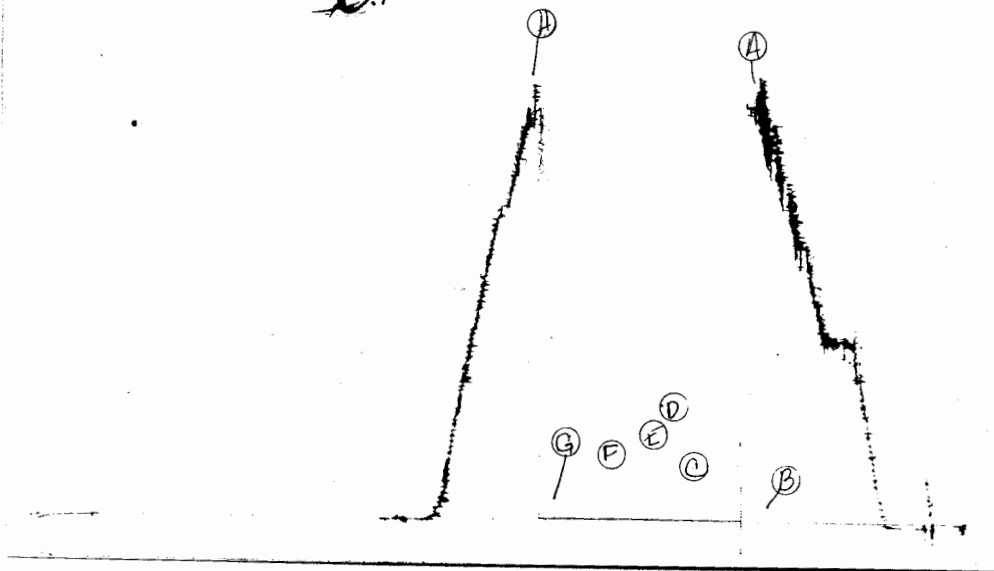


Inside Recorder

2004 DST 2

19

TK+ #19954
~~D.~~



Outside Recorder

ORIGINAL

CONFIDENTIAL

FORMATION

TEST

REPORT

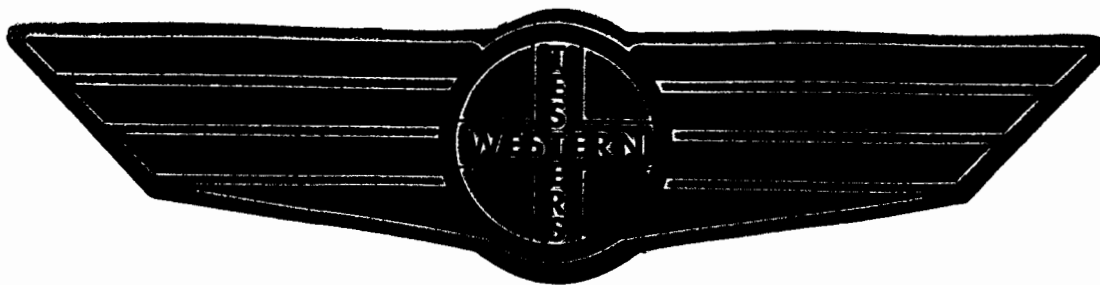
RELEASED

JAN 11 1996

FROM CONFIDENTIAL

RUC
DEC 20
CONFIDENTIAL

API #5-055-21252



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1-800-637-021

COMPANY HARRIS OIL & GAS

LEASE & WELL NO. #5-16 GARDEN CITY A SEC. 16 TWP. 23S RGE. 34W TEST NO. 3 DATE: 11/18/93

DST REPORT

GENERAL INFORMATION

DATE	: 11-18-93	TICKET	: 19955
CUSTOMER	: HARRIS OIL & GAS	LEASE	: GARDEN CITY A
WELL	: 5-16	TEST:	3
ELEVATION:	2952 K.B.	GEOLOGIST:	H. FRAULIC
SECTION	: 16	FORMATION:	MARMATON A
RANGE	: 34W	TOWNSHIP	: 23S
GAUGE SN#:	3849	STATE	: KS
COUNTY:	FINNEY	CLOCK	: 12
RANGE	: 4200		

WELL INFORMATION

PERFORATION INTERVAL FROM:	4254.00 ft	TO:	4334.00 ft	TVD:	4850.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	OIL
DEPTH OF RECORDERS:	4256.0 ft		4259.0 ft		
TEMPERATURE:	110.0				
DRILL COLLAR LENGTH:	116.0 ft	I.D.:		2.250 in	
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:		0.000 in	
DRILL PIPE LENGTH :	4110.0 ft	I.D.:		3.800 in	
TEST TOOL LENGTH :	28.0 ft	TOOL SIZE :		5.500 in	
ANCHOR LENGTH :	80.0 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:	4249.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	4254.0 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. #1	VISCOSITY :	52.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	8.800 cc
WEIGHT :	9.100 ppg		
CHLORIDES :	1600 ppm	SERIAL NUMBER:	421
JARS-MAKE :	WTC	REVERSED OUT?:	NO
DID WELL FLOW?:	NO		

COMMENTS

Comment

WEAK, SLOWLY BUILDING TO 8" IN BUCKET IN 30 MINUTES
ON INITIAL FLOW PERIOD. WEAK SURFACE BLOW, SLOWLY
BUILDING TO 3 " IN BUCKET IN 60 MINUTES ON FINAL

DST REPORT (CONTINUED)

COMMENTS (CONTINUED)

Comment

FLOW PERIOD. TAIL PIPE 495' OF 4.5 21' OF 5.5
TOTAL = 516'. MISRUN BOTTOM PACKER FAILED.

DEC 20

CONFIDENTIAL

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
90.0	8.0	0.0	0.0	92.0	SLI OIL CUT MUD
120.0	4.0	5.0	0.0	91.0	SLI. OIL & GAS CUT MUD
0.0	0.0	0.0	0.0	0.0	TOTAL FLUID REC. 210'

RATE INFORMATION

OIL VOLUME:	0.1261	STB	TOTAL FLOW TIME:	90.0000	min.
GAS VOLUME:	0.1759	SCF	AVERAGE OIL RATE:	29.7213	STB/D
MUD VOLUME:	1.7315	STB	AVERAGE WATER RATE:	0.0000	STB/D
WATER VOLUME:	0.0000	STB			
TOTAL FLUID :	1.8576	STB			

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2067.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	59.00	76.00
INITIAL SHUT-IN	60.00		1066.00
FINAL FLOW	60.00	89.00	110.00
FINAL SHUT-IN	120.00		1073.00
FINAL HYDROSTATIC PRESSURE:	2029.00		

DST REPORT (CONTINUED)

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2070.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	69.00	85.00
INITIAL SHUT-IN	60.00		1076.00
FINAL FLOW	60.00	105.00	119.00
FINAL SHUT-IN	117.00		1083.00

FINAL HYDROSTATIC PRESSURE: 2051.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 11-18-93	TICKET : 19955
CUSTOMER : HARRIS OIL & GAS	LEASE : GARDEN CITY A
WELL : 5-16 TEST: 3	GEOLOGIST: H. FRAULIC
ELEVATION: 2952 K.B.	FORMATION: MARMATON A
SECTION : 16	TOWNSHIP : 23S
RANGE : 34W COUNTY: FINNEY	STATE : KS
GAUGE SN#: 3849 RANGE : 4200	CLOCK : 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	69.00	69.00
5.00	70.00	1.00
10.00	74.00	4.00
15.00	77.00	3.00
20.00	79.00	2.00
25.00	82.00	3.00
30.00	85.00	3.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	183.00	183.00	11.00
6.00	274.00	91.00	6.00
9.00	372.00	98.00	4.33
12.00	459.00	87.00	3.50
15.00	538.00	79.00	3.00
18.00	590.00	52.00	2.67
21.00	661.00	71.00	2.43
24.00	720.00	59.00	2.25
27.00	762.00	42.00	2.11
30.00	806.00	44.00	2.00
33.00	844.00	38.00	1.91
36.00	883.00	39.00	1.83
39.00	916.00	33.00	1.77
42.00	942.00	26.00	1.71
45.00	975.00	33.00	1.67
48.00	994.00	19.00	1.63
51.00	1023.00	29.00	1.59
54.00	1038.00	15.00	1.56
57.00	1063.00	25.00	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	1076.00	13.00	1.50

FINAL FLOW

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>
0.00	105.00	105.00
5.00	105.00	0.00
10.00	105.00	0.00
15.00	107.00	2.00
20.00	109.00	2.00
25.00	111.00	2.00
30.00	112.00	1.00
35.00	113.00	1.00
40.00	115.00	2.00
45.00	116.00	1.00
50.00	117.00	1.00
55.00	118.00	1.00
60.00	119.00	1.00

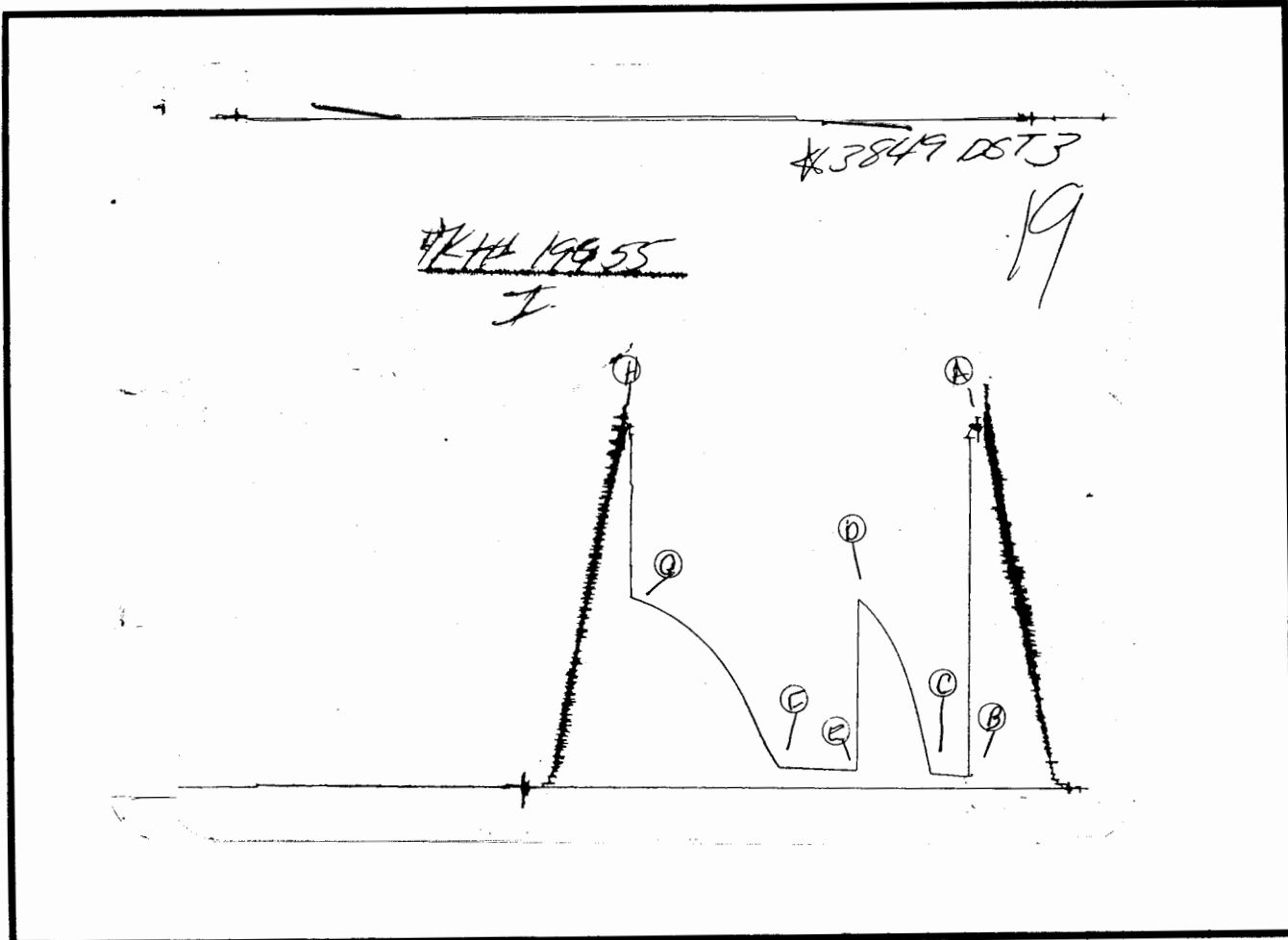
FINAL SHUT IN

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
3.00	145.00	145.00	22.67
6.00	183.00	38.00	11.83
9.00	219.00	36.00	8.22
12.00	262.00	43.00	6.42
15.00	309.00	47.00	5.33
18.00	353.00	44.00	4.61
21.00	401.00	48.00	4.10
24.00	449.00	48.00	3.71
27.00	496.00	47.00	3.41
30.00	542.00	46.00	3.17
33.00	580.00	38.00	2.97
36.00	617.00	37.00	2.81
39.00	649.00	32.00	2.67
42.00	680.00	31.00	2.55
45.00	711.00	31.00	2.44
48.00	737.00	26.00	2.35

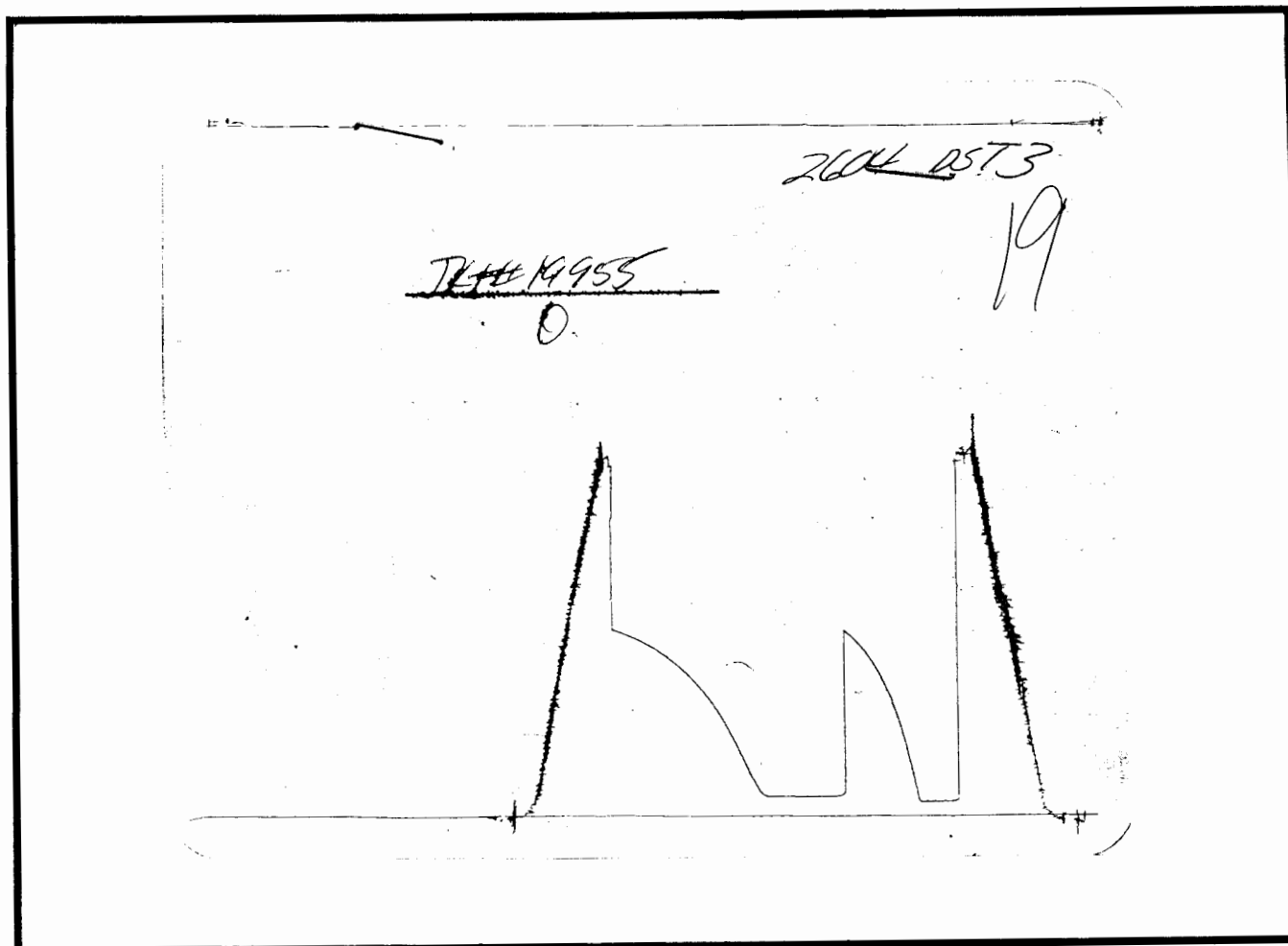
PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
51.00	764.00	27.00	2.27
54.00	789.00	25.00	2.20
57.00	812.00	23.00	2.14
60.00	833.00	21.00	2.08
63.00	856.00	23.00	2.03
66.00	872.00	16.00	1.98
69.00	892.00	20.00	1.94
72.00	912.00	20.00	1.90
75.00	929.00	17.00	1.87
78.00	942.00	13.00	1.83
81.00	959.00	17.00	1.80
84.00	971.00	12.00	1.77
87.00	985.00	14.00	1.75
90.00	996.00	11.00	1.72
93.00	1010.00	14.00	0.00
96.00	1023.00	13.00	0.00
99.00	1031.00	8.00	0.00
102.00	1042.00	11.00	0.00
105.00	1048.00	6.00	0.00
108.00	1059.00	11.00	0.00
111.00	1068.00	9.00	0.00
114.00	1073.00	5.00	0.00
117.00	1083.00	10.00	0.00



Inside Recorder



Outside Recorder