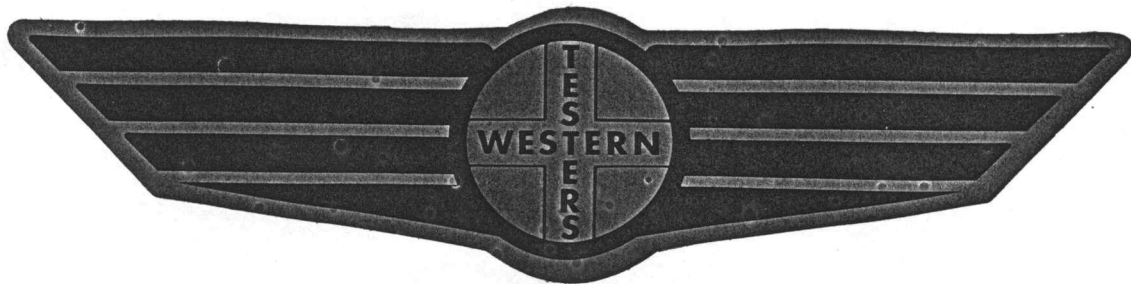


FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 313-800-688-7021

DST REPORT

GENERAL INFORMATION

DATE	: 12/27/94	TICKET	: 20258
CUSTOMER	: HUGOTON ENERGY CORP.	LEASE	: MLP CLAWSON
WELL	: #1A-9	TEST:	1
ELEVATION	: 2995KB	GEOLOGIST	: ?
SECTION	: 9	FORMATION	: LANSING "A"
RANGE	: 34W	TOWNSHIP	: 29S
Gauge SN#	: 10242	STATE	: KS
COUNTY	: HASKELL	CLOCK	: 12
RANGE	: 4100		

WELL INFORMATION

PERFORATION INTERVAL FROM:	4082.00 ft	TO:	4105.00 ft	TVD:	4105.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	OIL
DEPTH OF RECORDERS:	4094.0 ft		4097.0 ft		
TEMPERATURE:	108.0				
DRILL COLLAR LENGTH:	298.0 ft	I.D.:		2.250 in	
WEIGHT PIPE LENGTH:	0.0 ft	I.D.:		0.000 in	
DRILL PIPE LENGTH:	3756.0 ft	I.D.:		3.800 in	
TEST TOOL LENGTH:	28.0 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:	4077.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	4082.0 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.:	VAL ENERGY RIG #2	VISCOSITY:	53.00 cp
MUD TYPE:	CHEMICAL	WATER LOSS:	8.000 cc
WEIGHT:	8.900 ppg	SERIAL NUMBER:	406
CHLORIDES:	4700 ppm	REVERSED OUT?:	NO
JARS-MAKE:	WTC		
DID WELL FLOW?:	NO		

COMMENTS

Comment

INITIAL FLOW: STRONG, OFF BOTTOM OF BUCKET IN 30 SECONDS. FINAL FLOW: STRONG IMMEDIATELY, GAS TO SURFACE IN 35 MINUTES, TOO WEAK TO GAUGE.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
100.0	0.0	0.0	18.0	82.0	WATER CUT MUD
180.0	0.0	0.0	100.0	0.0	SALT WATER
0.0	0.0	0.0	0.0	0.0	R.W. 0.12 @ 58 DEG. F.
0.0	0.0	0.0	0.0	0.0	CHLORIDES 71,000 PPM

RATE INFORMATION

OIL VOLUME:	0.0000	STB	TOTAL FLOW TIME:	75.0000	min.
GAS VOLUME:	0.0000	SCF	AVERAGE OIL RATE:	0.0000	STB/D
MUD VOLUME:	0.4032	STB	AVERAGE WATER RATE:	26.4364	STB/D
WATER VOLUME:	0.9737	STB			
TOTAL FLUID :	1.3769	STB			

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1988.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	42.00	72.00
INITIAL SHUT-IN	60.00		567.00
FINAL FLOW	45.00	77.00	140.00
FINAL SHUT-IN	90.00		554.00

FINAL HYDROSTATIC PRESSURE: 1958.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1993.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	47.00	83.00
INITIAL SHUT-IN	57.00		570.00
FINAL FLOW	45.00	83.00	140.00
FINAL SHUT-IN	87.00		560.00

FINAL HYDROSTATIC PRESSURE: 1955.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 12/27/94	TICKET : 20258
CUSTOMER : HUGOTON ENERGY CORP.	LEASE : MLP CLAWSON
WELL : #1A-9 TEST: 1	GEOLOGIST: ?
ELEVATION: 2995KB	FORMATION: LANSING "A"
SECTION : 9	TOWNSHIP : 29S
RANGE : 34W COUNTY: HASKELL	STATE : KS
GAUGE SN#: 10242 RANGE : 4100	CLOCK : 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	47.00	47.00
5.00	48.00	1.00
10.00	55.00	7.00
15.00	63.00	8.00
20.00	70.00	7.00
25.00	78.00	8.00
30.00	83.00	5.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	267.00	267.00	0.00
6.00	376.00	109.00	0.00
9.00	430.00	54.00	0.00
12.00	463.00	33.00	0.00
15.00	488.00	25.00	0.00
18.00	507.00	19.00	0.00
21.00	519.00	12.00	0.00
24.00	531.00	12.00	0.00
27.00	538.00	7.00	0.00
30.00	546.00	8.00	0.00
33.00	549.00	3.00	0.00
36.00	553.00	4.00	0.00
39.00	557.00	4.00	0.00
42.00	560.00	3.00	0.00
45.00	563.00	3.00	0.00
48.00	566.00	3.00	0.00
51.00	568.00	2.00	0.00
54.00	569.00	1.00	0.00
57.00	570.00	1.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	83.00	83.00
5.00	90.00	7.00
10.00	103.00	13.00
15.00	112.00	9.00
20.00	120.00	8.00
25.00	126.00	6.00
30.00	131.00	5.00
35.00	137.00	6.00
40.00	139.00	2.00
45.00	140.00	1.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	295.00	295.00	0.00
6.00	386.00	91.00	0.00
9.00	419.00	33.00	0.00
12.00	449.00	30.00	0.00
15.00	470.00	21.00	0.00
18.00	481.00	11.00	0.00
21.00	490.00	9.00	0.00
24.00	499.00	9.00	0.00
27.00	507.00	8.00	0.00
30.00	515.00	8.00	0.00
33.00	520.00	5.00	0.00
36.00	525.00	5.00	0.00
39.00	529.00	4.00	0.00
42.00	533.00	4.00	0.00
45.00	537.00	4.00	0.00
48.00	540.00	3.00	0.00
51.00	543.00	3.00	0.00
54.00	546.00	3.00	0.00
57.00	548.00	2.00	0.00
60.00	551.00	3.00	0.00
63.00	552.00	1.00	0.00
66.00	553.00	1.00	0.00
69.00	553.00	0.00	0.00
72.00	554.00	1.00	0.00
75.00	555.00	1.00	0.00
78.00	556.00	1.00	0.00
81.00	558.00	2.00	0.00
84.00	559.00	1.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

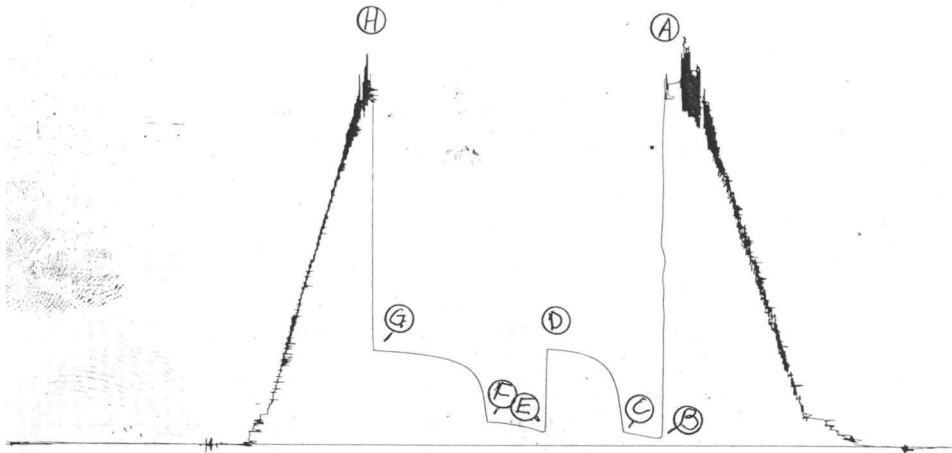
FINAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
87.00	560.00	1.00	0.00

Ticket # 20258 A 10242 DST 1

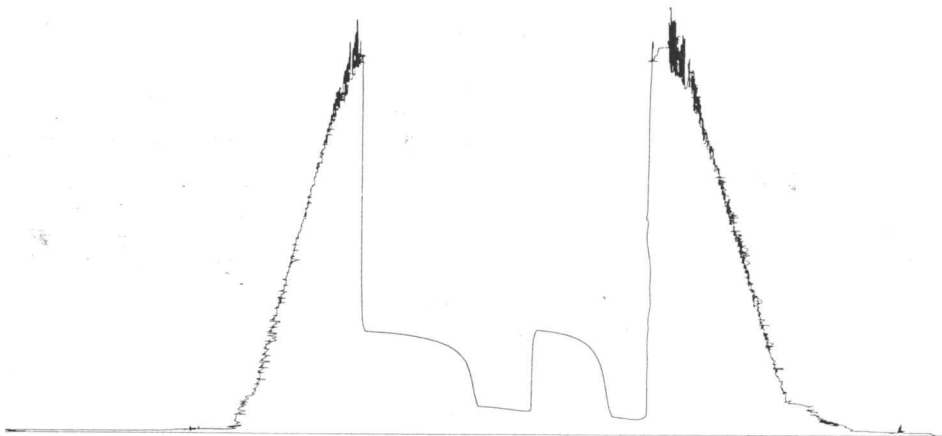
I

14

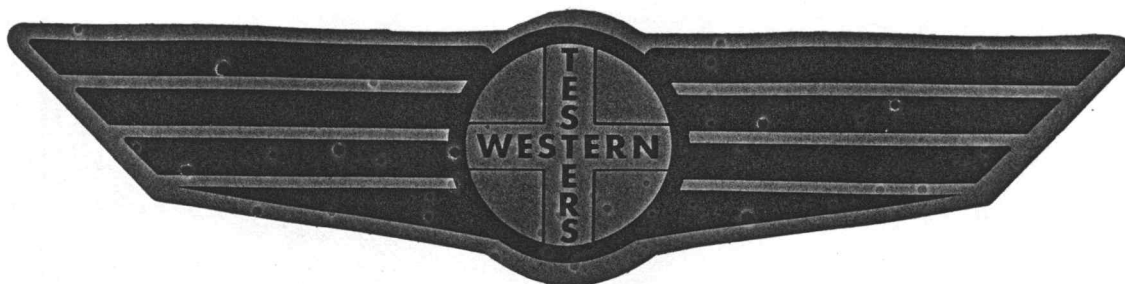


Ticket # 20258. 13759 PST/

0



FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 313-800-688-7021

COMPANY

HUGOTON ENERGY CORP.

LEASE & WELL NO.

#1A-9 MLP CLAWSON

SEC.

9

TWP.

29S

RGE.

34W

TEST NO.

2

DATE

12/27/94

DST REPORT

GENERAL INFORMATION

DATE	: 12/27/94	TICKET	: 19729
CUSTOMER	: HUGOTON ENERGY CORP.	LEASE	: MLP CLAWSON
WELL	: #1A-9	TEST:	2
ELEVATION	: 2985GL	GEOLOGIST	: ?
SECTION	: 9	FORMATION	: LANSING "G"
RANGE	: 34W	TOWNSHIP	: 29S
GAUGE SN#	: 1562	STATE	: KS
		CLOCK	: 12
	COUNTY: HASKELL		
	RANGE : 3900		

WELL INFORMATION

PERFORATION INTERVAL FROM:	4137.00 ft	TO:	4158.00 ft	TVD:	4158.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	OIL
DEPTH OF RECORDERS:	4142.0 ft		4145.0 ft		
TEMPERATURE:	120.0				
DRILL COLLAR LENGTH:	590.0 ft	I.D.:		2.250 in	
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:		0.000 in	
DRILL PIPE LENGTH :	3525.0 ft	I.D.:		3.800 in	
TEST TOOL LENGTH :	22.0 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:	4132.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	4137.0 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. :	VAL RIG #2	VISCOSITY :	50.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	8.000 cc
WEIGHT :	9.000 ppg		
CHLORIDES :	4000 ppm	SERIAL NUMBER:	
JARS-MAKE :		REVERSED OUT?:	NO
DID WELL FLOW?:	NO		

COMMENTS

Comment

INITIAL FLOW: VERY WEAK BLOW INCREASING TO 2-1/2
INCHES IN BUCKET. FINAL FLOW: FAIR, 5 INCHES IN
BUCKET.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
270.0	0.0	0.0	55.0	45.0	MUDDY SALT WATER
0.0	0.0	0.0	0.0	0.0	CHLORIDES 69,000 PPM

RATE INFORMATION

OIL VOLUME:	0.0000	STB		
GAS VOLUME:	0.0000	SCF		
MUD VOLUME:	0.5975	STB		
WATER VOLUME:	0.7302	STB		
TOTAL FLUID :	1.3277	STB		
			TOTAL FLOW TIME:	75.0000 min.
			AVERAGE OIL RATE:	0.0000 STB/D
			AVERAGE WATER RATE:	25.4922 STB/D

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1984.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	66.00	78.00
INITIAL SHUT-IN	60.00		926.00
FINAL FLOW	45.00	100.00	140.00
FINAL SHUT-IN	90.00		916.00

FINAL HYDROSTATIC PRESSURE: 1974.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1969.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	46.00	70.00
INITIAL SHUT-IN	57.00		946.00
FINAL FLOW	45.00	104.00	144.00
FINAL SHUT-IN	90.00		941.00

FINAL HYDROSTATIC PRESSURE: 1964.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE	: 12/27/94	TICKET	: 19729
CUSTOMER	: HUGOTON ENERGY CORP.	LEASE	: MLP CLAWSON
WELL	: #1A-9	TEST: 2	GEOLOGIST: ?
ELEVATION:	2985GL	FORMATION:	LANSING "G"
SECTION	: 9	TOWNSHIP	: 29S
RANGE	: 34W	COUNTY: HASKELL	STATE : KS
GAUGE SN#:	1562	RANGE : 3900	CLOCK : 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	46.00	46.00
5.00	46.00	0.00
10.00	48.00	2.00
15.00	52.00	4.00
20.00	59.00	7.00
25.00	66.00	7.00
30.00	70.00	4.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	579.00	579.00	0.00
6.00	778.00	199.00	0.00
9.00	824.00	46.00	0.00
12.00	851.00	27.00	0.00
15.00	867.00	16.00	0.00
18.00	880.00	13.00	0.00
21.00	894.00	14.00	0.00
24.00	902.00	8.00	0.00
27.00	911.00	9.00	0.00
30.00	918.00	7.00	0.00
33.00	924.00	6.00	0.00
36.00	928.00	4.00	0.00
39.00	932.00	4.00	0.00
42.00	935.00	3.00	0.00
45.00	938.00	3.00	0.00
48.00	941.00	3.00	0.00
51.00	944.00	3.00	0.00
54.00	945.00	1.00	0.00
57.00	946.00	1.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	104.00	104.00
5.00	104.00	0.00
10.00	104.00	0.00
15.00	105.00	1.00
20.00	111.00	6.00
25.00	117.00	6.00
30.00	124.00	7.00
35.00	132.00	8.00
40.00	138.00	6.00
45.00	144.00	6.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	550.00	550.00	0.00
6.00	745.00	195.00	0.00
9.00	803.00	58.00	0.00
12.00	822.00	19.00	0.00
15.00	841.00	19.00	0.00
18.00	855.00	14.00	0.00
21.00	869.00	14.00	0.00
24.00	877.00	8.00	0.00
27.00	885.00	8.00	0.00
30.00	891.00	6.00	0.00
33.00	897.00	6.00	0.00
36.00	902.00	5.00	0.00
39.00	907.00	5.00	0.00
42.00	911.00	4.00	0.00
45.00	915.00	4.00	0.00
48.00	919.00	4.00	0.00
51.00	921.00	2.00	0.00
54.00	924.00	3.00	0.00
57.00	927.00	3.00	0.00
60.00	929.00	2.00	0.00
63.00	931.00	2.00	0.00
66.00	933.00	2.00	0.00
69.00	934.00	1.00	0.00
72.00	936.00	2.00	0.00
75.00	937.00	1.00	0.00
78.00	938.00	1.00	0.00
81.00	939.00	1.00	0.00
84.00	939.00	0.00	0.00

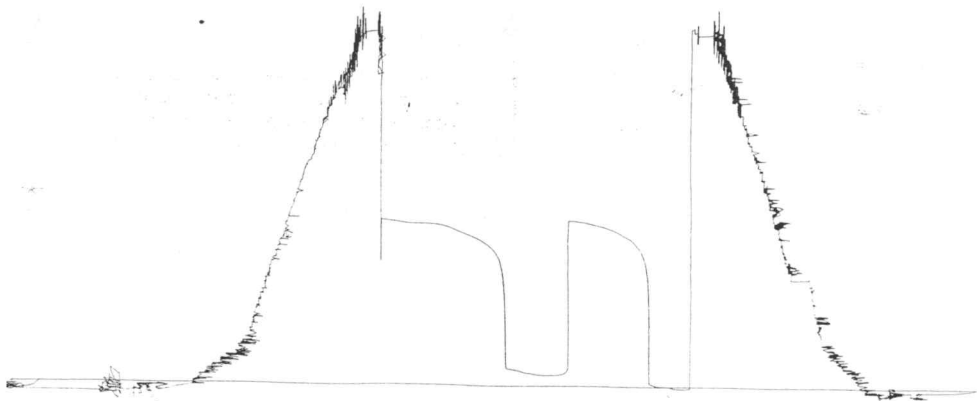
PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

<u>Time (min)</u>	<u>Pressure</u>	<u>Delta P</u>	<u>Horner T</u>
87.00	940.00	1.00	0.00
90.00	941.00	1.00	0.00

100
Dy #
Bottom

Ticket # 19729

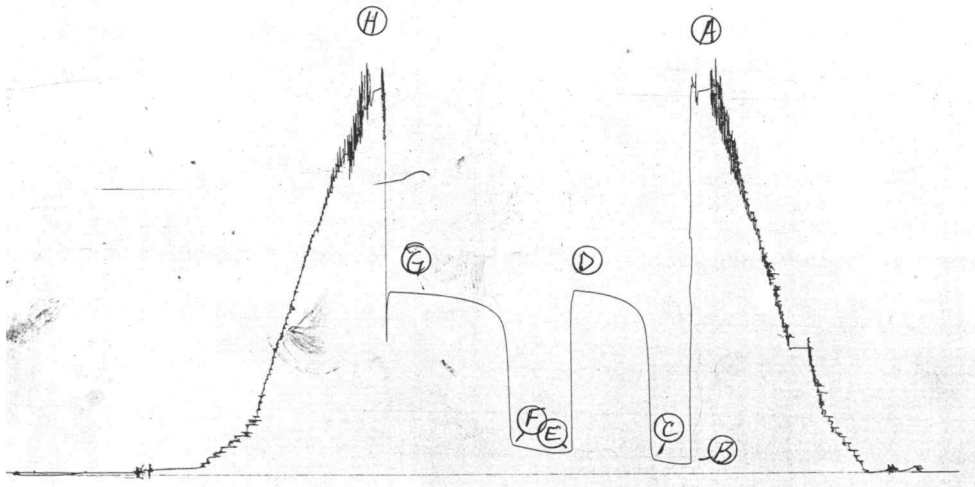


16
55
TOP

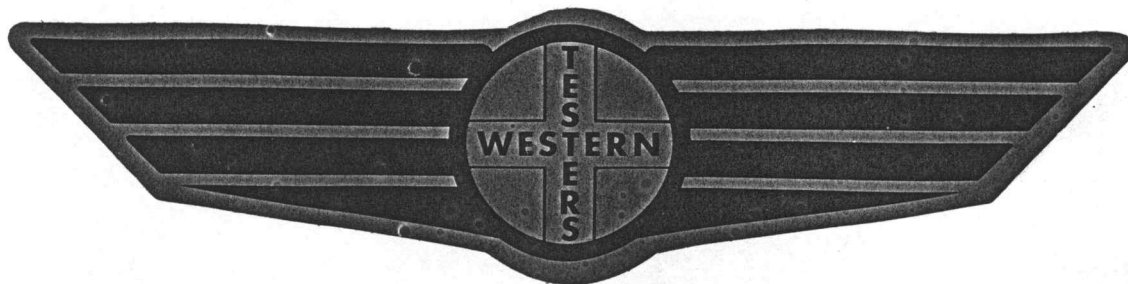
Ticket # 19729.

(14)

I



FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1-800-688-7021

DST REPORT

GENERAL INFORMATION

DATE	: 12/29/94	TICKET	: 19730		
CUSTOMER	: HUGOTON ENERGY CORP.	LEASE	: MLP CLAWSON		
WELL	: #1A-9	TEST: 3	GEOLOGIST:		
ELEVATION	: 2985GL	FORMATION	: KANSAS CITY "B"		
SECTION	: 9	TOWNSHIP	: 29S		
RANGE	: 34W	COUNTY: HASKELL	STATE	: KS	
GAUGE SN#	: 1562	RANGE	: 3900	CLOCK	: 12

WELL INFORMATION

PERFORATION INTERVAL FROM:	4572.00 ft	TO:	4605.00 ft	TVD:	4605.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	OIL
DEPTH OF RECORDERS:	4582.0 ft	4585.0 ft			
TEMPERATURE:	126.0				
DRILL COLLAR LENGTH:	590.0 ft	I.D.:	2.250 in		
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:	0.000 in		
DRILL PIPE LENGTH :	3960.0 ft	I.D.:	3.800 in		
TEST TOOL LENGTH :	22.0 ft	TOOL SIZE :	5.500 in		
ANCHOR LENGTH :	33.0 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:	4567.0 ft	SIZE:	6.630 in		
PACKER DEPTH:	4572.0 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. :	VAL RIG #2	VISCOSITY :	50.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	8.400 cc
WEIGHT :	9.100 ppg	SERIAL NUMBER:	
CHLORIDES :	4000 ppm	REVERSED OUT?:	NO
JARS-MAKE :			
DID WELL FLOW?:	NO		

COMMENTS

Comment

INITIAL FLOW: VERY WEAK SURFACE BLOW.
FINAL FLOW: NO BLOW.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
10.0	0.0	0.0	0.0	100.0	DRILLING MUD
0.0	0.0	0.0	0.0	0.0	CHLORIDES 4200 PPM
0.0	0.0	0.0	0.0	0.0	RW 3 @ 42 DEG. F.

RATE INFORMATION

OIL VOLUME:	0.0000	STB		
GAS VOLUME:	0.0000	SCF		
MUD VOLUME:	0.0492	STB		
WATER VOLUME:	0.0000	STB		
TOTAL FLUID :	0.0492	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: 2241.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	36.00	36.00
INITIAL SHUT-IN	60.00		120.00
FINAL FLOW	30.00	50.00	50.00
FINAL SHUT-IN	60.00		80.00

FINAL HYDROSTATIC PRESSURE: 2231.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2224.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	32.00	32.00
INITIAL SHUT-IN	54.00		112.00
FINAL FLOW	30.00	37.00	37.00
FINAL SHUT-IN	57.00		62.00

FINAL HYDROSTATIC PRESSURE: 2216.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE	: 12/29/94	TICKET	: 19730
CUSTOMER	: HUGOTON ENERGY CORP.	LEASE	: MLP CLAWSON
WELL	: #1A-9	TEST: 3	GEOLOGIST:
ELEVATION:	2985GL	FORMATION:	KANSAS CITY "B"
SECTION	: 9	TOWNSHIP	: 29S
RANGE	: 34W	COUNTY:	HASKELL
GAUGE SN#:	1562	RANGE	: 3900
		STATE	: KS
		CLOCK	: 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	32.00	32.00
5.00	32.00	0.00
10.00	32.00	0.00
15.00	32.00	0.00
20.00	32.00	0.00
25.00	32.00	0.00
30.00	32.00	0.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	32.00	32.00	0.00
6.00	34.00	2.00	0.00
9.00	37.00	3.00	0.00
12.00	42.00	5.00	0.00
15.00	45.00	3.00	0.00
18.00	48.00	3.00	0.00
21.00	50.00	2.00	0.00
24.00	55.00	5.00	0.00
27.00	59.00	4.00	0.00
30.00	64.00	5.00	0.00
33.00	69.00	5.00	0.00
36.00	75.00	6.00	0.00
39.00	80.00	5.00	0.00
42.00	85.00	5.00	0.00
45.00	92.00	7.00	0.00
48.00	98.00	6.00	0.00
51.00	106.00	8.00	0.00
54.00	112.00	6.00	0.00

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	37.00	37.00
5.00	37.00	0.00
10.00	37.00	0.00
15.00	37.00	0.00
20.00	37.00	0.00
25.00	37.00	0.00
30.00	37.00	0.00

FINAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	37.00	37.00	0.00
6.00	37.00	0.00	0.00
9.00	37.00	0.00	0.00
12.00	37.00	0.00	0.00
15.00	37.00	0.00	0.00
18.00	39.00	2.00	0.00
21.00	41.00	2.00	0.00
24.00	42.00	1.00	0.00
27.00	43.00	1.00	0.00
30.00	44.00	1.00	0.00
33.00	46.00	2.00	0.00
36.00	47.00	1.00	0.00
39.00	48.00	1.00	0.00
42.00	50.00	2.00	0.00
45.00	52.00	2.00	0.00
48.00	54.00	2.00	0.00
51.00	56.00	2.00	0.00
54.00	59.00	3.00	0.00
57.00	62.00	3.00	0.00

06
JFK #3
TOP

Ticket # 19730

14

I

(H)

(A)

(G)

(F)

(D)

(C)

(B)

(E)

Top
Dist #3
Bottom

Ticket # 19730

0

