

*****TIGHT HOLE*****

**Drill Stem Test Information for ACO-1
Hugoton Energy Corporation
Montgomery Trust #1-6
Sec. 6-29S-39W
Stanton County, KS
API #15-187-20736**

CONFIDENTIAL

DST 1

Test Interval 5450' - 5495'

Times

30-60-30-60.

First Open

Weak blow.

Second Open

Very weak blow, died in 27 minutes.

Recovery

20' mud with a few spots of oil on top of tool.

Pressures

IHP 2716

IFP 31-42

ISIP 85

FFP 42-42

FSIP 63

FHP 2610

COPY

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FROM CONFIDENTIAL

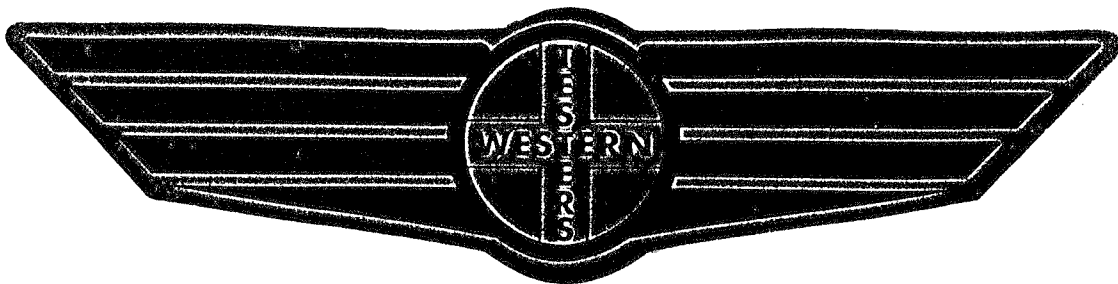
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CONSERVATION DIVISION
WICHITA, KANSAS

R3 120 psi

FORMATION TEST REPORT

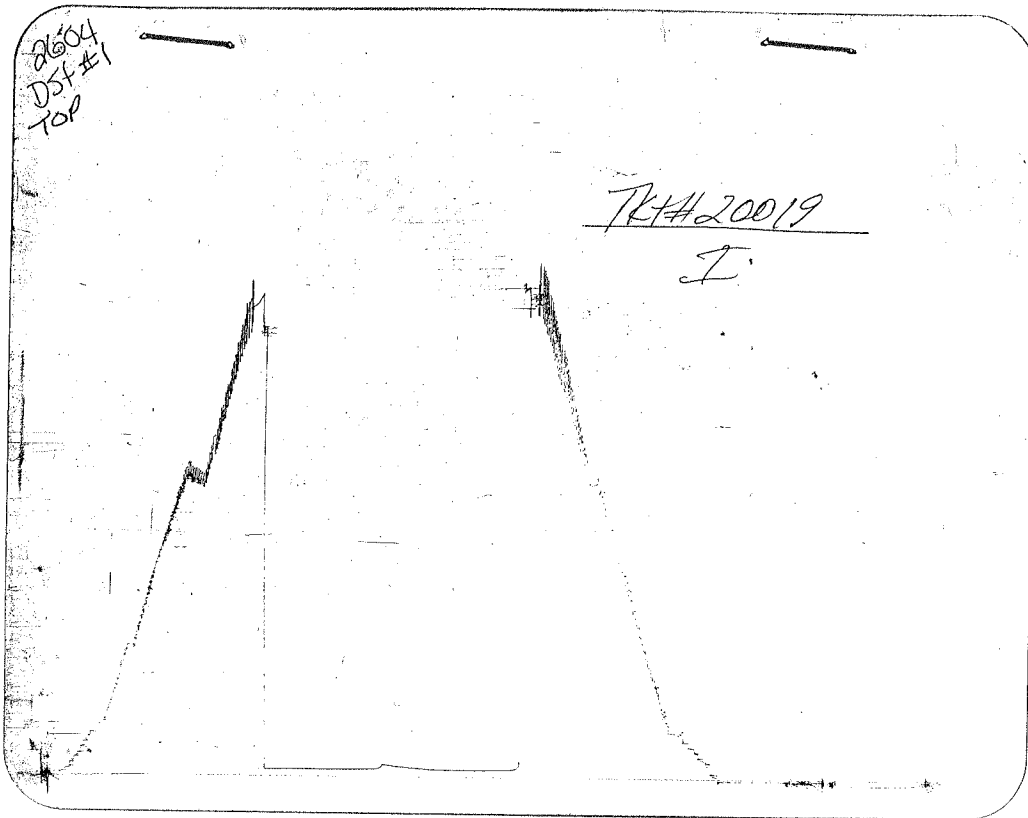


Home Office:

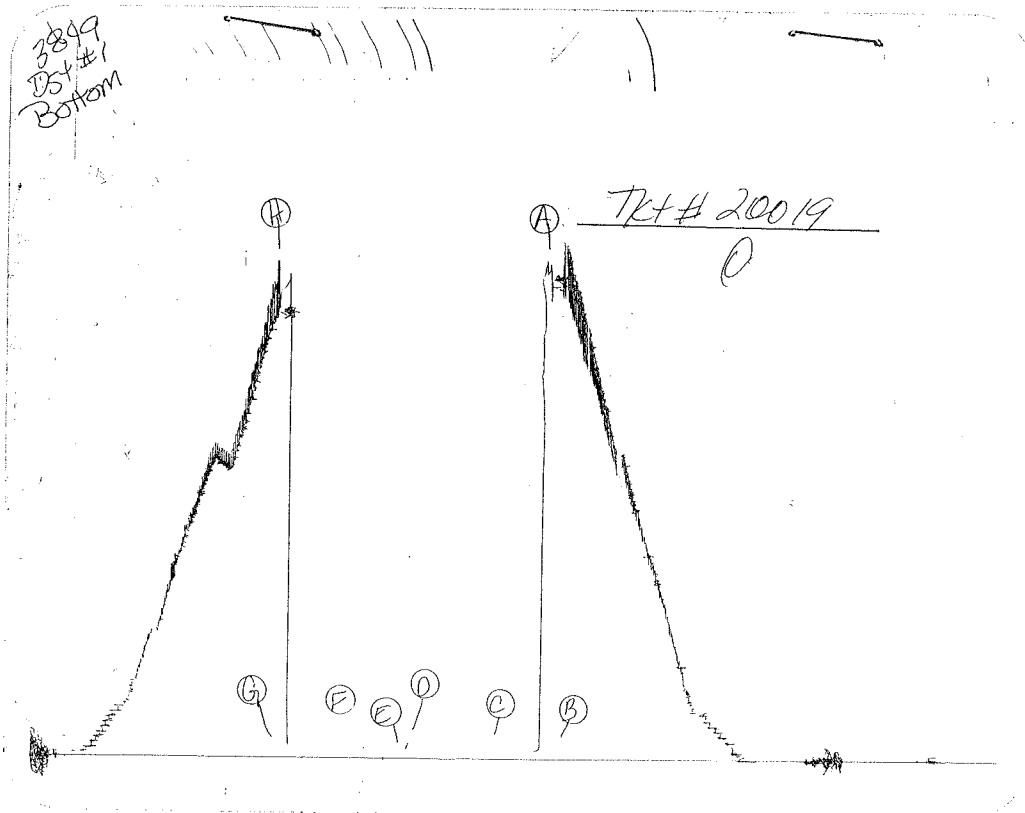
Wichita, Kansas 67201

P.O. Box 1599

Phone 1-800-688-7021



Inside Recorder



Outside Recorder

DST REPORT

GENERAL INFORMATION

DATE	: 4/20/94	TICKET	: 20019
CUSTOMER	: HUGOTN ENERGY CORP.	LEASE	: MONTGOMERY TRUST
WELL	: #1-6	TEST: 1	GEOLOGIST: LEBLANC
ELEVATION	: 3215 GL	FORMATION	: MORROW
SECTION	: 6	TOWNSHIP	: 29S
RANGE	: 39W	COUNTY: STANTON	STATE : KS
GAUGE SN#	: 3849	RANGE : 4200	CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM:	5450.00 ft	TO:	5495.00 ft	TVD:	5495.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	OIL
DEPTH OF RECORDERS:	5472.0 ft		5475.0 ft		
TEMPERATURE:	134.0				
DRILL COLLAR LENGTH:	568.0 ft	I.D.:		2.200 in	
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:		0.000 in	
DRILL PIPE LENGTH :	4855.0 ft	I.D.:		3.800 in	
TEST TOOL LENGTH :	27.0 ft	TOOL SIZE :		5.500 in	
ANCHOR LENGTH :	45.0 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:	5445.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	5450.0 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. :	DUKE RIG 1	VISCOSITY :	65.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	8.400 cc
WEIGHT :	9.000 ppg		
CHLORIDES :	3600 ppm	SERIAL NUMBER:	514
JARS-MAKE :	WTC	REVERSED OUT?:	NO
DID WELL FLOW?:	NO		

COMMENTS

Comment

INITIAL FLOW PERIOD WEAK BLOW. FINAL FLOW PERIOD
VERY WEAK BLOW DIED IN 27 MINUTES.
READ BOTTOM RECORDER 3849

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
20.0	0.0	0.0	0.0	100.0	MUD WITH A FEW SPOTS OF
0.0	0.0	0.0	0.0	0.0	OIL ON TOP OF TOOL

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:	0.0940	STB	AVERAGE WATER RATE:	0.0000	STB/D
WATER VOLUME:	0.0000	STB			
TOTAL FLUID :	0.0940	STB			

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2716.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	31.00	42.00
INITIAL SHUT-IN	60.00		85.00
FINAL FLOW	30.00	42.00	42.00
FINAL SHUT-IN	60.00		63.00

FINAL HYDROSTATIC PRESSURE: 2610.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2682.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	46.00	41.00
INITIAL SHUT-IN	69.00		89.00
FINAL FLOW	30.00	47.00	43.00
FINAL SHUT-IN	60.00		55.00

FINAL HYDROSTATIC PRESSURE: 2612.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE : 4/20/94	TICKET : 20019	
CUSTOMER : HUGOTN ENERGY CORP.	LEASE : MONTGOMERY TRUST	
WELL : #1-6	GEOLOGIST: LEBLANC	TEST: 1
ELEVATION: 3215 GL	FORMATION: MORROW	
SECTION : 6	TOWNSHIP : 29S	
RANGE : 39W	STATE : KS	
GAUGE SN#: 3849	CLOCK : 12	COUNTY: STANTON
		RANGE : 4200

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	46.00	46.00
5.00	43.00	-3.00
10.00	43.00	0.00
15.00	42.00	-1.00
20.00	42.00	0.00
25.00	41.00	-1.00
30.00	41.00	0.00

INITIAL SHUT IN

<i>30+</i>	Time (min)	Pressure	Delta P	Horner T
	3.00	41.00	41.00	0.00
<i>11</i>	6.00	42.00	1.00	0.00
<i>6</i>	9.00	43.00	1.00	0.00
<i>4.3</i>	12.00	44.00	1.00	0.00
<i>3.5</i>	15.00	46.00	2.00	0.00
<i>3</i>	18.00	49.00	3.00	0.00
<i>2.7</i>	21.00	51.00	2.00	0.00
<i>2.4</i>	24.00	54.00	3.00	0.00
<i>2.25</i>	27.00	57.00	3.00	0.00
<i>2.1</i>	30.00	60.00	3.00	0.00
<i>2</i>	33.00	62.00	2.00	0.00
<i>1.9</i>	36.00	64.00	2.00	0.00
<i>1.8</i>	39.00	66.00	2.00	0.00
<i>1.77</i>	42.00	68.00	2.00	0.00
<i>1.71</i>	45.00	70.00	2.00	0.00
<i>1.67</i>	48.00	72.00	2.00	0.00
<i>1.63</i>	51.00	74.00	2.00	0.00
<i>1.59</i>	54.00	76.00	2.00	0.00
<i>1.56</i>	57.00	78.00	2.00	0.00
<i>1.53</i>				

PRESSURE TRANSIENT REPORT (CONTINUED)

INITIAL SHUT IN (CONTINUED)

<i>30+</i>	Time (min)	Pressure	Delta P	Horner T
1.45	60.00	80.00	2.00	0.00
<i>1.48</i>	63.00	83.00	3.00	0.00
<i>1.45</i>	66.00	86.00	3.00	0.00
<i>1.43</i>	69.00	89.00	3.00	0.00

FINAL FLOW

Time (min)	Pressure	Delta P
0.00	47.00	47.00
5.00	43.00	-4.00
10.00	43.00	0.00
15.00	43.00	0.00
20.00	43.00	0.00
25.00	43.00	0.00
30.00	43.00	0.00

FINAL SHUT IN

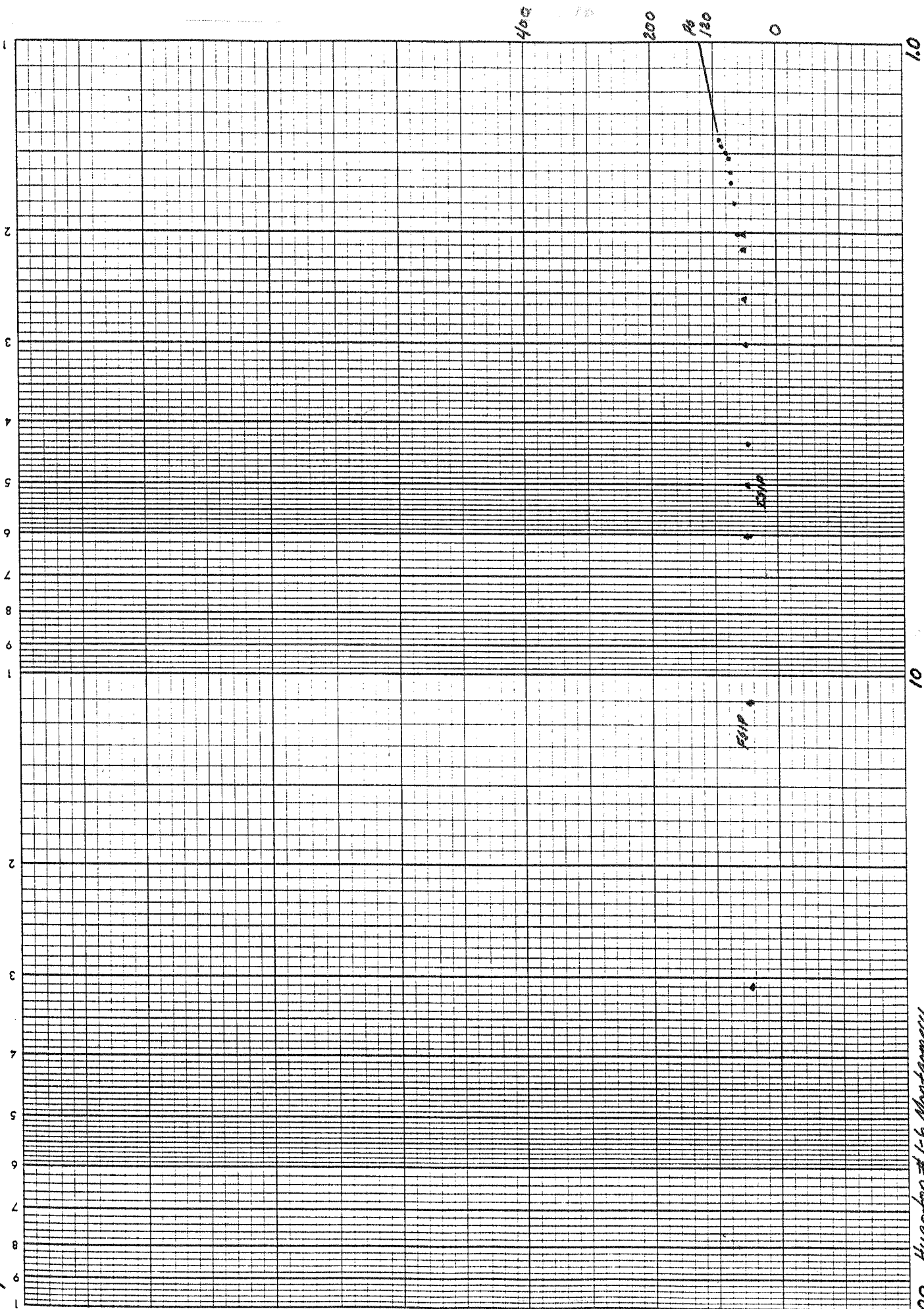
<i>60+</i>	Time (min)	Pressure	Delta P	Horner T
<i>31</i>	3.00	44.00	44.00	0.00
<i>11</i>	6.00	45.00	1.00	0.00
<i>7.7</i>	9.00	46.00	1.00	0.00
<i>6</i>	12.00	46.00	0.00	0.00
<i>5</i>	15.00	47.00	1.00	0.00
<i>4.3</i>	18.00	47.00	0.00	0.00
<i>3.8</i>	21.00	48.00	1.00	0.00
<i>3.5</i>	24.00	48.00	0.00	0.00
<i>3.2</i>	27.00	49.00	1.00	0.00
<i>3</i>	30.00	49.00	0.00	0.00
<i>2.82</i>	33.00	50.00	1.00	0.00
<i>2.67</i>	36.00	50.00	0.00	0.00
<i>2.54</i>	39.00	51.00	1.00	0.00
<i>2.43</i>	42.00	51.00	0.00	0.00
<i>2.33</i>	45.00	52.00	1.00	0.00
<i>2.25</i>	48.00	52.00	0.00	0.00
<i>2.18</i>	51.00	53.00	1.00	0.00
<i>2.11</i>	54.00	53.00	0.00	0.00
<i>2.05</i>	57.00	54.00	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>
2.0	60.00	55.00	1.00	0.00

Depth 5450-95 Fm. Morrow



100 Hugoton #1-6 Montgomery
6.1901-2001