BEAVER CREEK FIELD - GAS
COOK INLET BASIN, ALASKA
MARATHON OIL COMPANY - OPERATOR

POOL DISCOVERY WELL

Marathon Oil Co.
Beaver Creek Unit No. 1, Permit # 166-060
API No. 50-133-10042
Sec 34 T7N R10W SM
February 10, 1967

FIELD DEVELOPMENT INFORMATION

TYPE WELL	STATUS	WELLS IN FIELD	
Producer	Oil Producer	2	
	Gas Producer	4 *	* 1 well has 2 completions.
Service	Water Injector	0	
	Gas Injector	0	
	WAG Injector	0	
	Water Supply	0	
	Disposal	2	
	Storage	0	
Non-Operating	Suspended	0	
	Abandoned	3	
	Total	**11**	

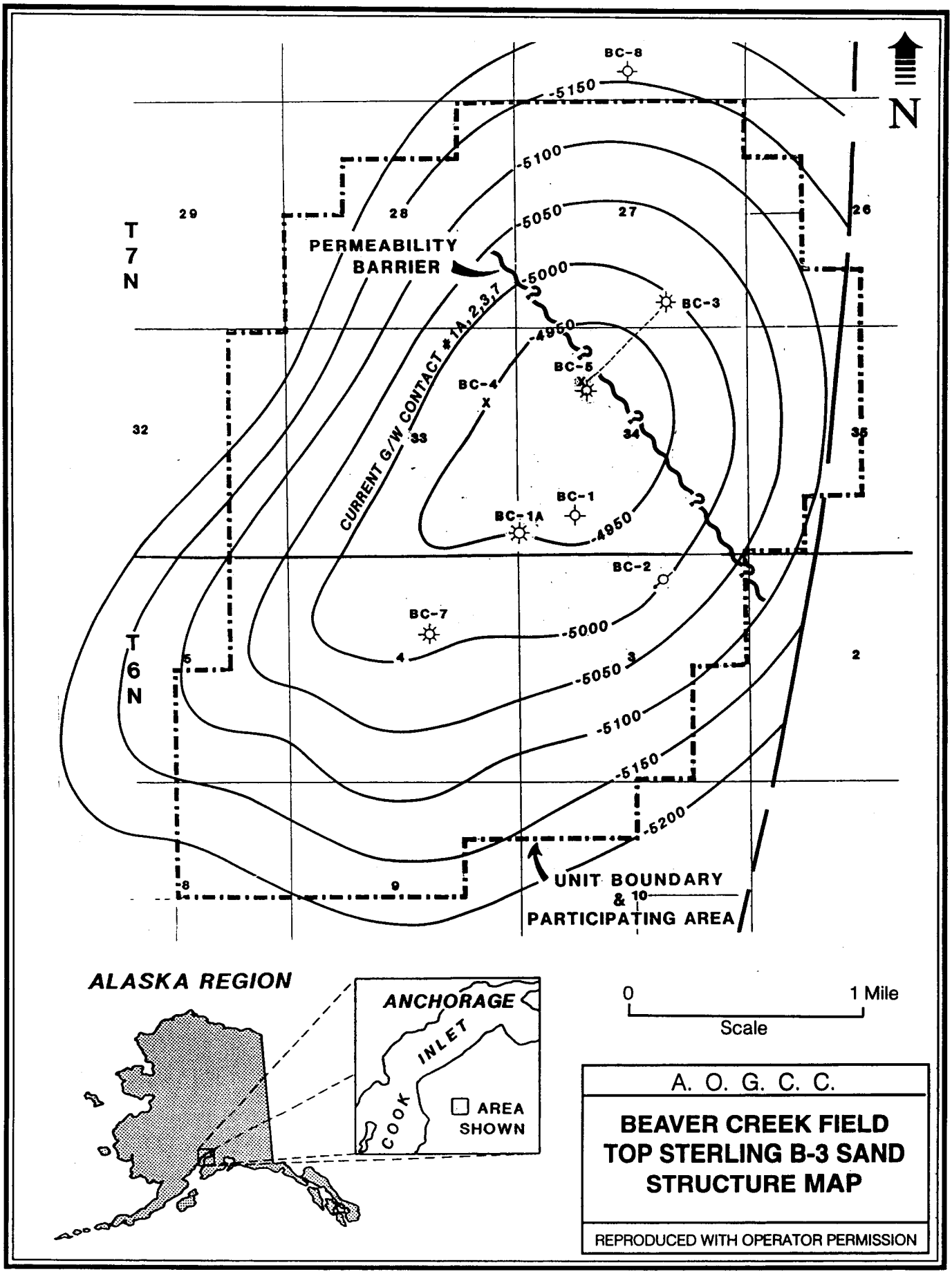
PRODUCING COMPLETION INFORMATION

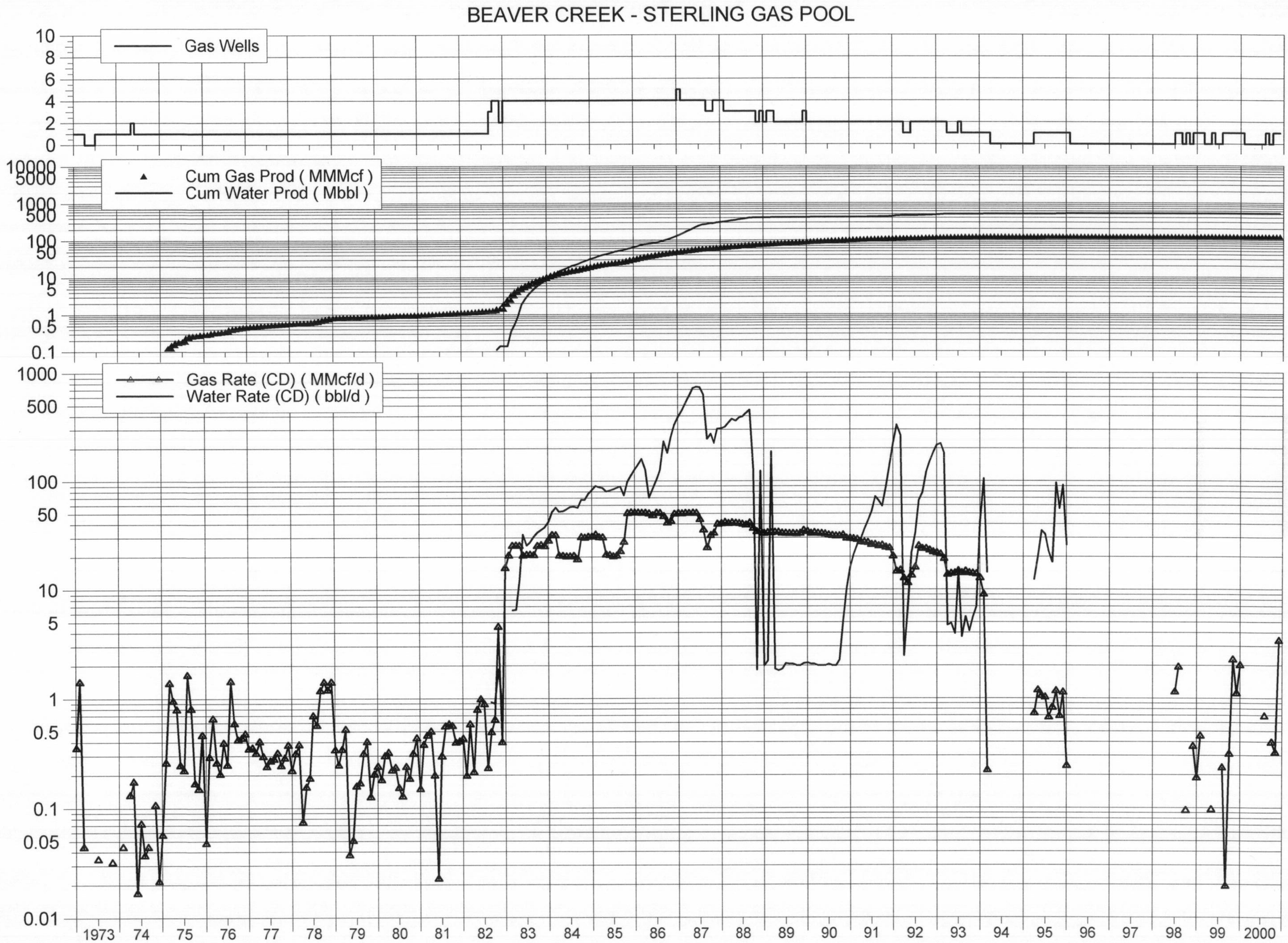
PRODUCING FORMATION	Sterling	Beluga	Tyonek
GAS POOLS	Sterling	Beluga	Undefined

TYPE WELL	METHOD OF OPERATION	Active Completions (December)		
Gas Producer	Flowing	1	2	1
	Shut In	1	0	0
	Total	**2**	**2**	**1**

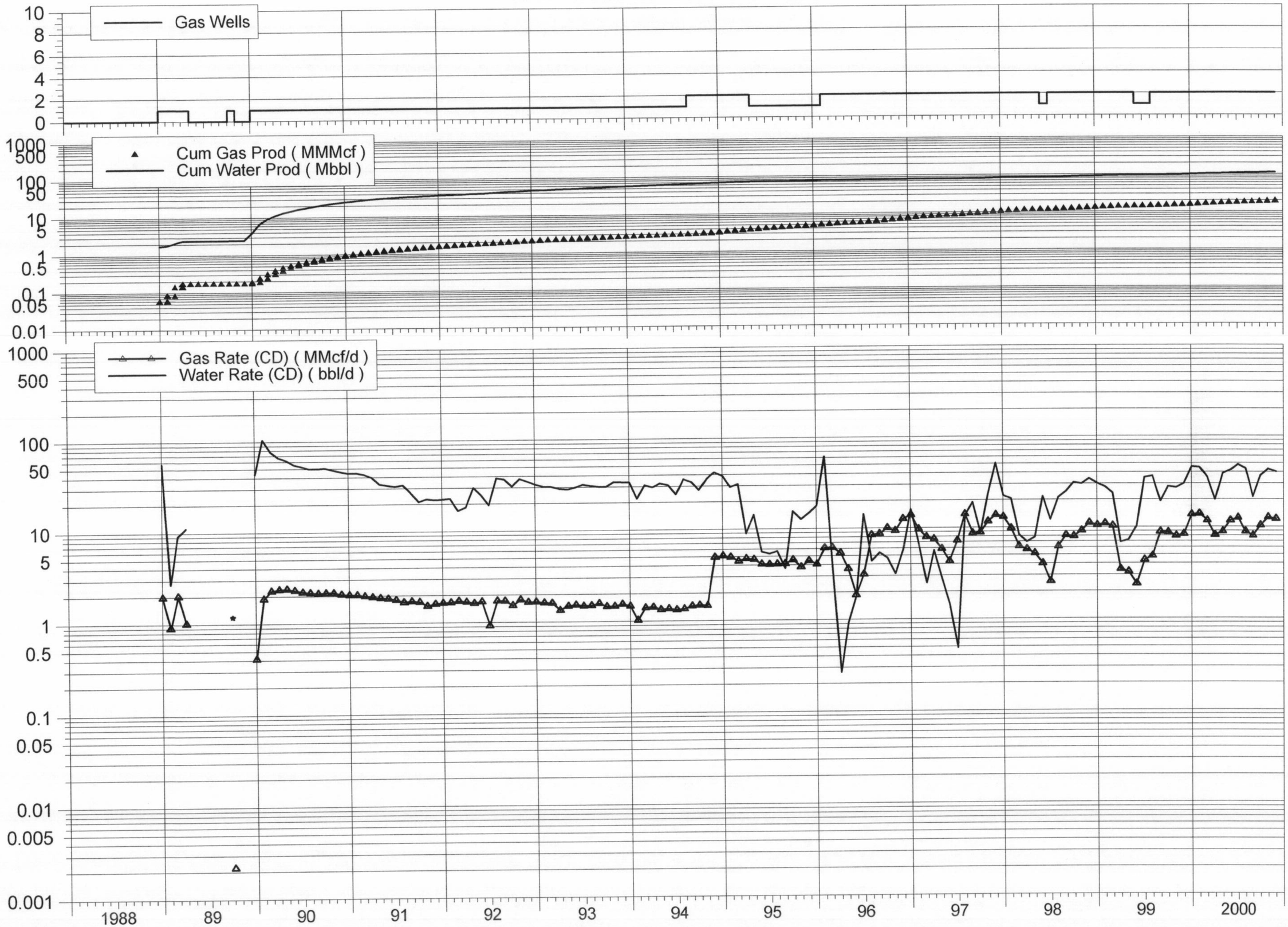
RESERVOIR INFORMATION

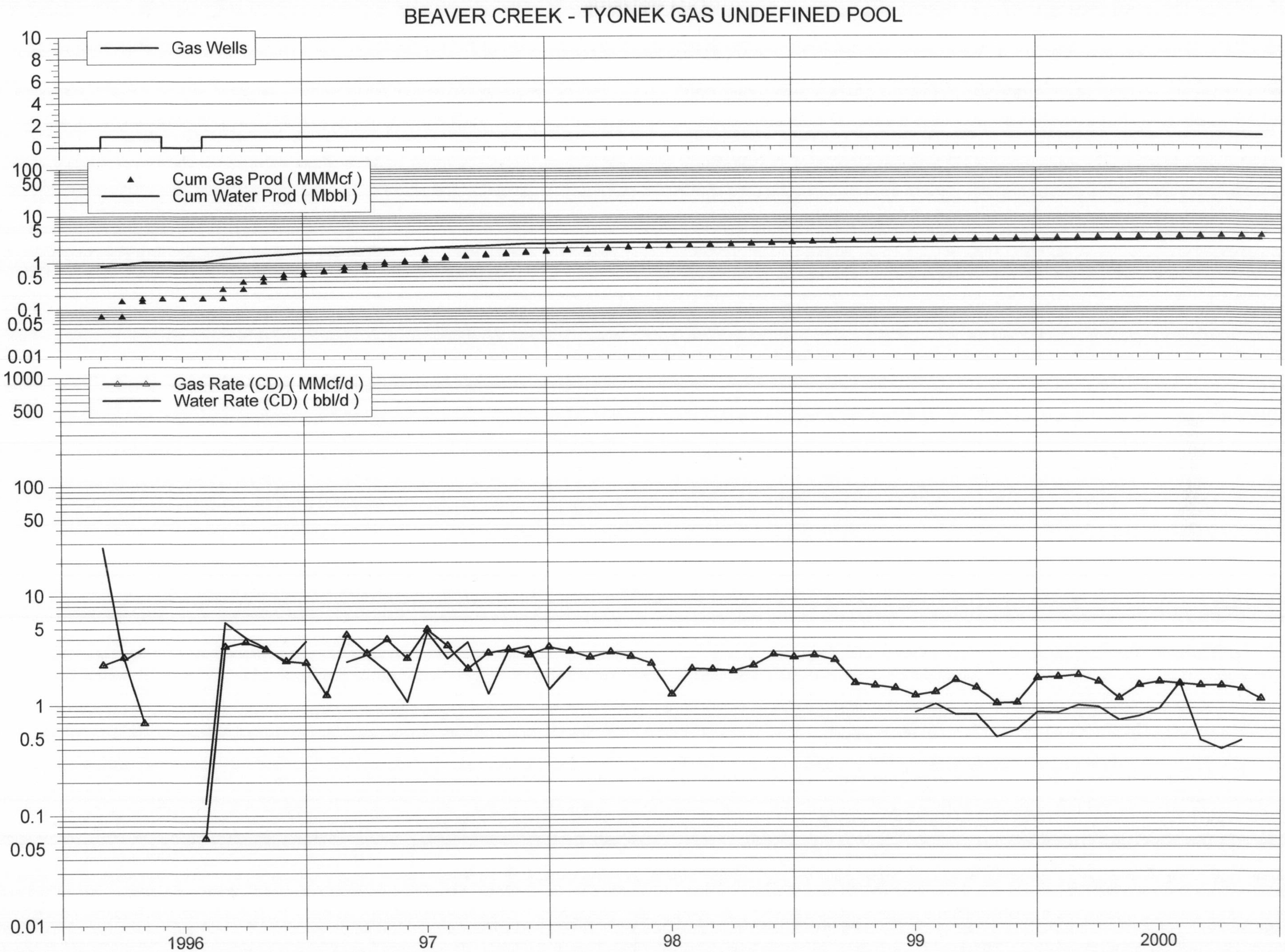
Reference Datum - feet below sea level	5000	8100	9874
Temperature - ° F	107	142	156
Porosity - %	30	10	
Permeability - md	2000		
Swi - %	40		
Original Pressure - psia	2200	3800	4400
Saturation Pressure - psia			
Current Reservoir Pressure - psia (est)	2070	2440	2358
Current Reservoir Pressure Date Tested	Nov-98	Aug-00	Aug-00
Gas Specific Gravity (Air = 1.0)	0.560	0.570	0.561
Gross Pay - feet	125	20	
Net Pay - feet	110	20	45


N
BC-8
-5150
-5100
-5050
-5000
-4950
-4950
-5000
-5050
-5100
-5150
-5200
29
28
27
26
T
7
N
PERMEABILITY
BARRIER
CURRENT G/W CONTACT #1A,2,3,7
BC-3
BC-5
BC-4
32
33
34
35
BC-1
BC-1A
BC-2
BC-7
T
6
N
5
4
3
2
8
9
10
UNIT BOUNDARY
&
PARTICIPATING AREA
ALASKA REGION
ANCHORAGE
INLET
COOK
AREA
SHOWN
0
1 Mile
Scale
A. O. G. C. C.
BEAVER CREEK FIELD
TOP STERLING B-3 SAND
STRUCTURE MAP
REPRODUCED WITH OPERATOR PERMISSION


BEAVER CREEK - STERLING GAS POOL
Gas Wells
Cum Gas Prod (MMMcf)
Cum Water Prod (Mbbl)
Gas Rate (CD) (MMcf/d)
Water Rate (CD) (bbl/d)
10
8
6
4
2
0
10000
5000
1000
500
100
50
10
5
1
0.5
0.1
1000
500
100
50
10
5
1
0.5
0.1
0.05
0.01
1973
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
2000

BEAVER CREEK - BELUGA GAS POOL




BEAVER CREEK - TYONEK GAS UNDEFINED POOL
Gas Wells
Cum Gas Prod (MMMcf)
Cum Water Prod (Mbbl)
Gas Rate (CD) (MMcf/d)
Water Rate (CD) (bbl/d)
10
8
6
4
2
0
100
50
10
5
1
0.5
0.1
0.05
0.01
1000
500
100
50
10
5
1
0.5
0.1
0.05
0.01
1996
97
98
99
2000