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

POOL DISCOVERY WELL

Union Oil Co. of California
Sterling Unit No. 23-15, Permit # 161-014
API No. 50-133-10012
Sec 15 T5N R10W SM
August 4, 1961

FIELD DEVELOPMENT INFORMATION

TYPE WELL	STATUS	WELLS IN FIELD
Producer	Oil Producer	0
	Gas Producer	3 *
Service	Water Injector	0
	Gas Injector	0
	Water Supply	0
	Disposal	0
Non-Operating	Operational Shutdown	0
	Suspended	1
	Abandoned	0
	Total	**4**

* Two wells are completed in multiple pools.

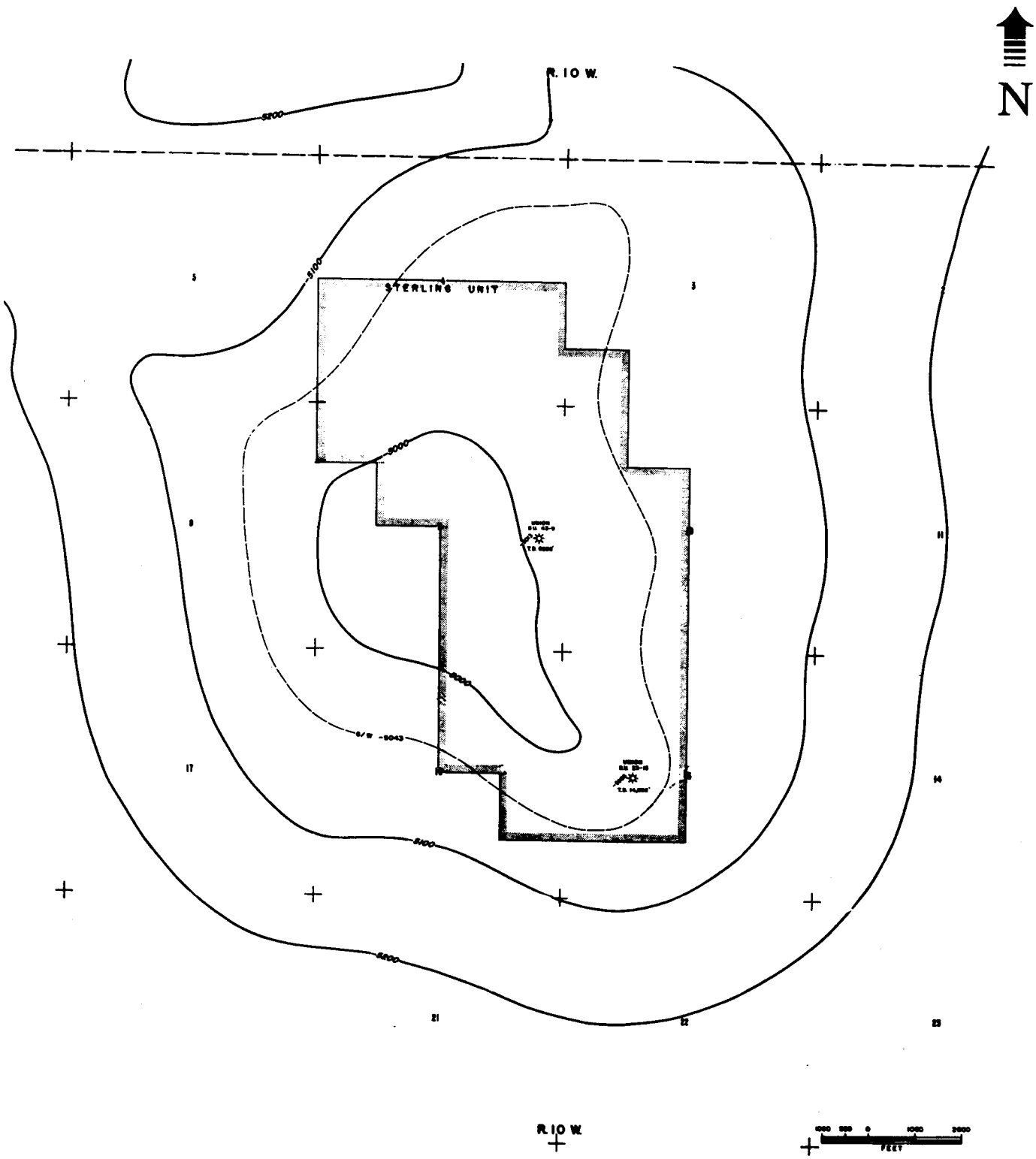
PRODUCING COMPLETION INFORMATION

PRODUCING FORMATIONS	Sterling	Beluga	Tyonek
GAS POOLS	Undefined	Undefined	Undefined

TYPE WELL	METHOD OF OPERATION	Active Completions (December)		
Gas Producer	Flowing	0	0	1
	Shut In	3	1	0
	Total	**3**	**1**	**1**

RESERVOIR INFORMATION

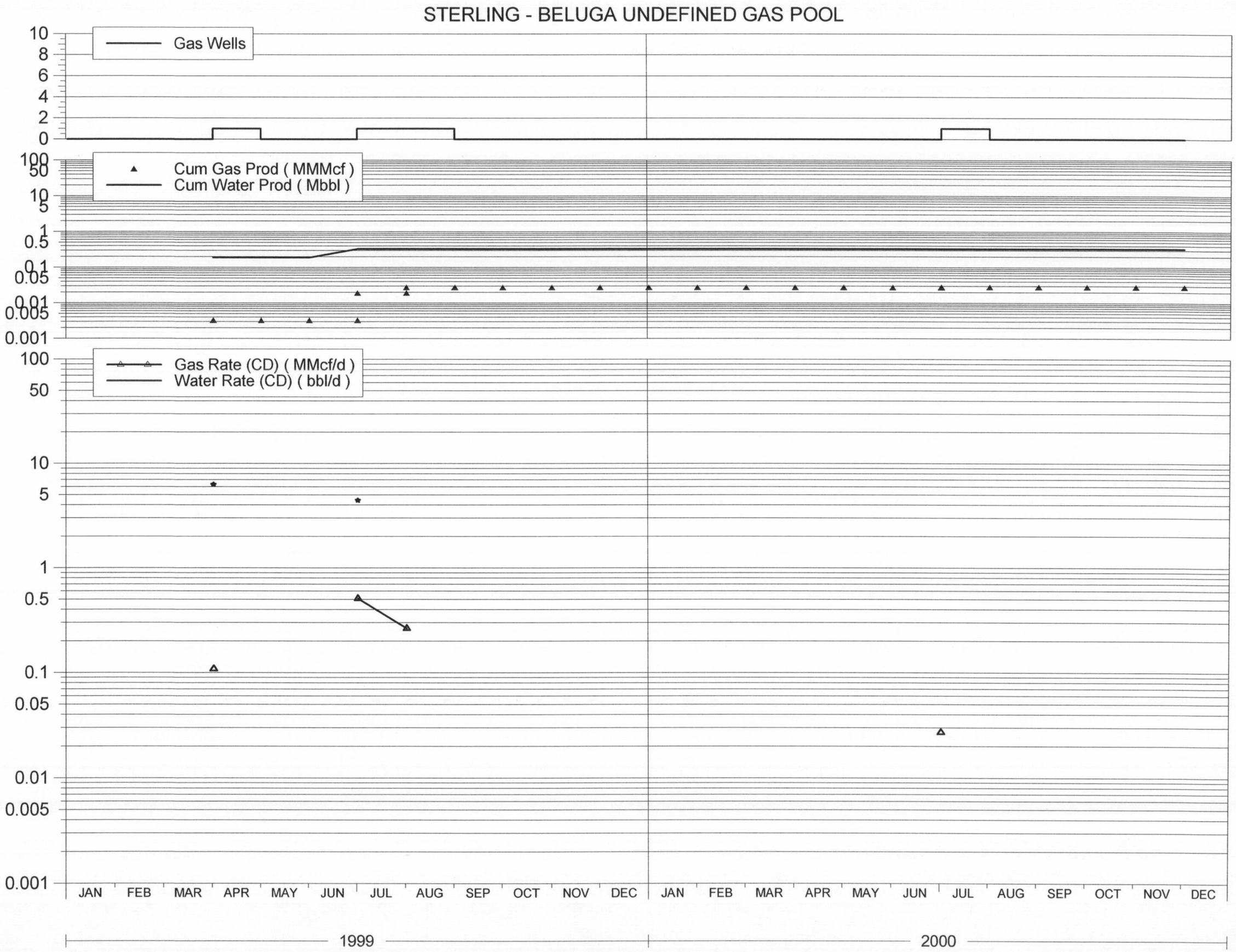
Reference Datum - feet below sea level	5030	8104	9449
Temperature - ° F	109	131	150
Porosity - %	26	10	12
Permeability - md	125	0.1	1.5
Swi - %	40		
Original Pressure - psia	2266	3659	5365
Saturation Pressure - psia			
Current Reservoir Pressure - psia	2012	3659	5170
Current Reservoir Pressure Date Tested	Jun-99	May-99	May-99
Gas Specific Gravity (Air = 1.0)	0.569	0.560	0.560
Gross Pay - feet	120		
Net Pay - feet	25	100	55

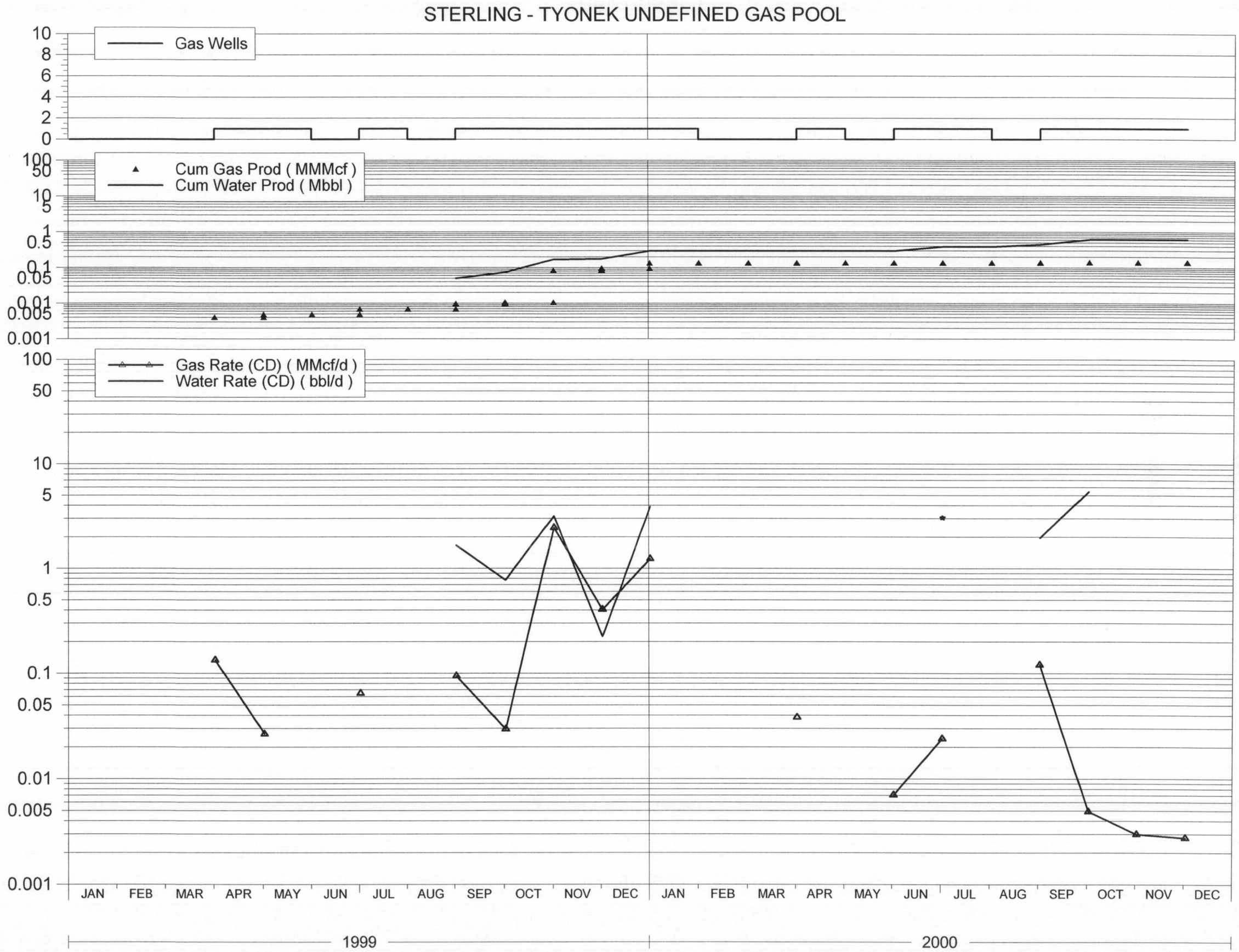


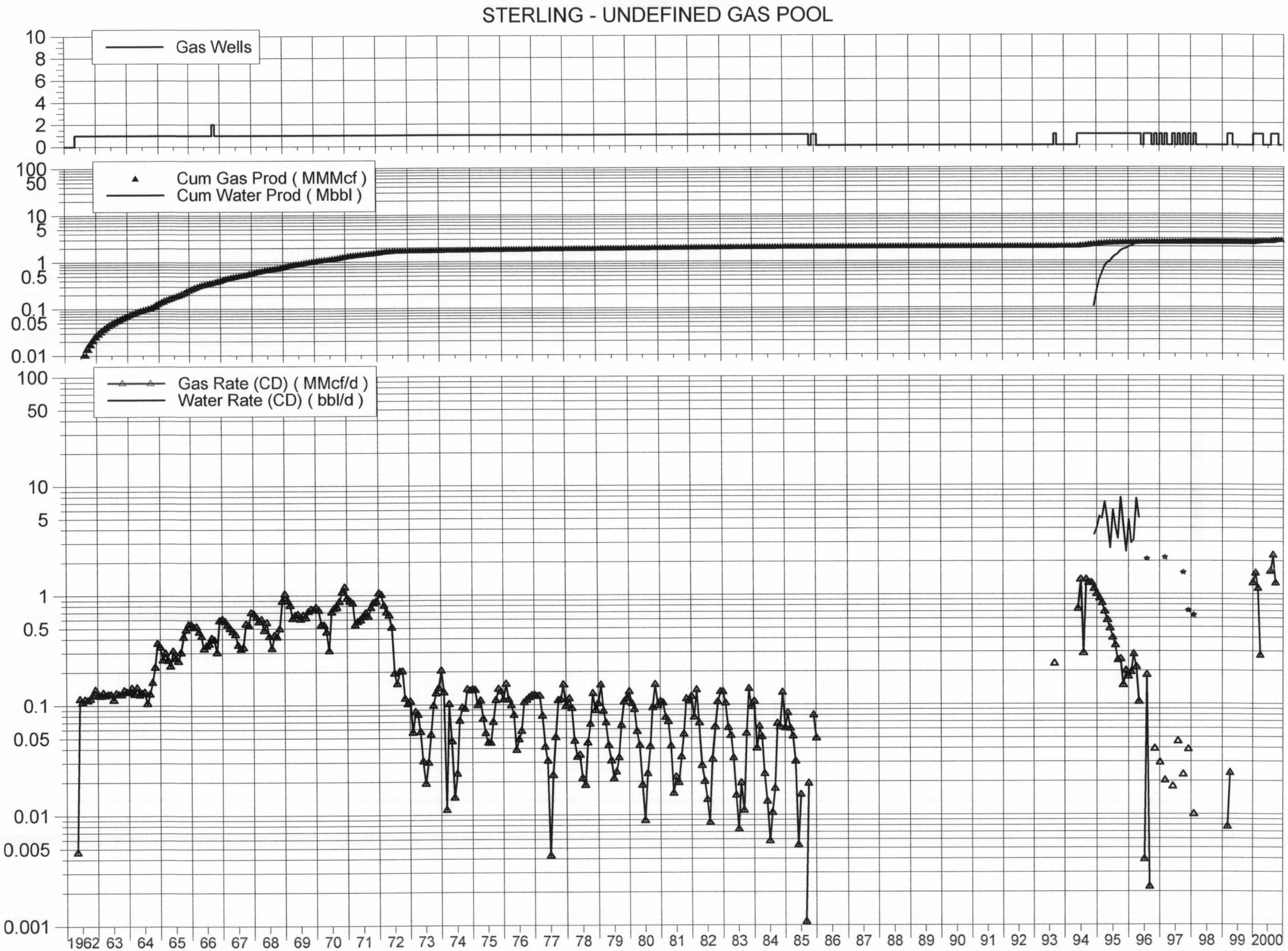
A. O. G. C. C.

STERLING FIELD
TOP B-4 SAND
STRUCTURE MAP

REPRODUCED WITH OPERATOR PERMISSION


STERLING - BELUGA UNDEFINED GAS POOL
Gas Wells
10
8
6
4
2
0
Cum Gas Prod (MMMcf)
Cum Water Prod (Mbbl)
100
50
10
5
1
0.5
0.1
0.05
0.01
0.005
0.001
Gas Rate (CD) (MMcf/d)
Water Rate (CD) (bbl/d)
100
50
10
5
1
0.5
0.1
0.05
0.01
0.005
0.001
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1999
2000


STERLING - TYONEK UNDEFINED GAS POOL
Gas Wells
Cum Gas Prod (MMMcf)
Cum Water Prod (Mbbl)
Gas Rate (CD) (MMcf/d)
Water Rate (CD) (bbl/d)
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1999
2000


STERLING - UNDEFINED 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
100
50
10
5
1
0.5
0.1
0.05
0.01
100
50
10
5
1
0.5
0.1
0.05
0.01
0.005
0.001
1962 63 64 65 66 67 68 69 70 71 72 73 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