# AOGCC Pool Statistics — Deep Creek Unit, HV Undef Gas Pool



**Operator:** Union Oil Company of California

**Discovery Well:** Union Oil Company of California

Happy Valley 1

Permit #203-072

API No. 50-231-20023-00-00

Sec. 22, T2S, R13W, UM

Depth: 10,871' MD / 9,700' TVD

July 9 , 2003

**Status:** Producing

**Location:** **Kenai Peninsula, Cook Inlet Basin** Area Loc. Map

**Orders:** Complete List

Strat Column

**Production:** Prod Chart Prod Report Prod Data Disp Chart Disp Report Disp Data

| | Gas (mcf) | Water (bbls) | Disposed Fluids (bbls) |
|---|---|---|---|
| **Cumulative** | **298,938** | **1,295** | **3,804** |
| 2001 Total | 0 | 0 | 0 |
| 2002 Total | 0 | 0 | 0 |
| 2003 Total | 0 | 0 | 0 |
| 2004 Total | 298,938 | 1,295 | 3,804 |
| 2003 Rate (/d) | 0 | 0 | 0 |
| 2004 Rate (/d) | 0 | 4 | 0 |
| Change (%) | 0 | 0 | 0 |

**Continued**: 1 > 2

# State of Alaska, Oil and Gas Conservation Commission

## Production History for: DEEP CK, HV BELUGA/TYONEK GAS Pool

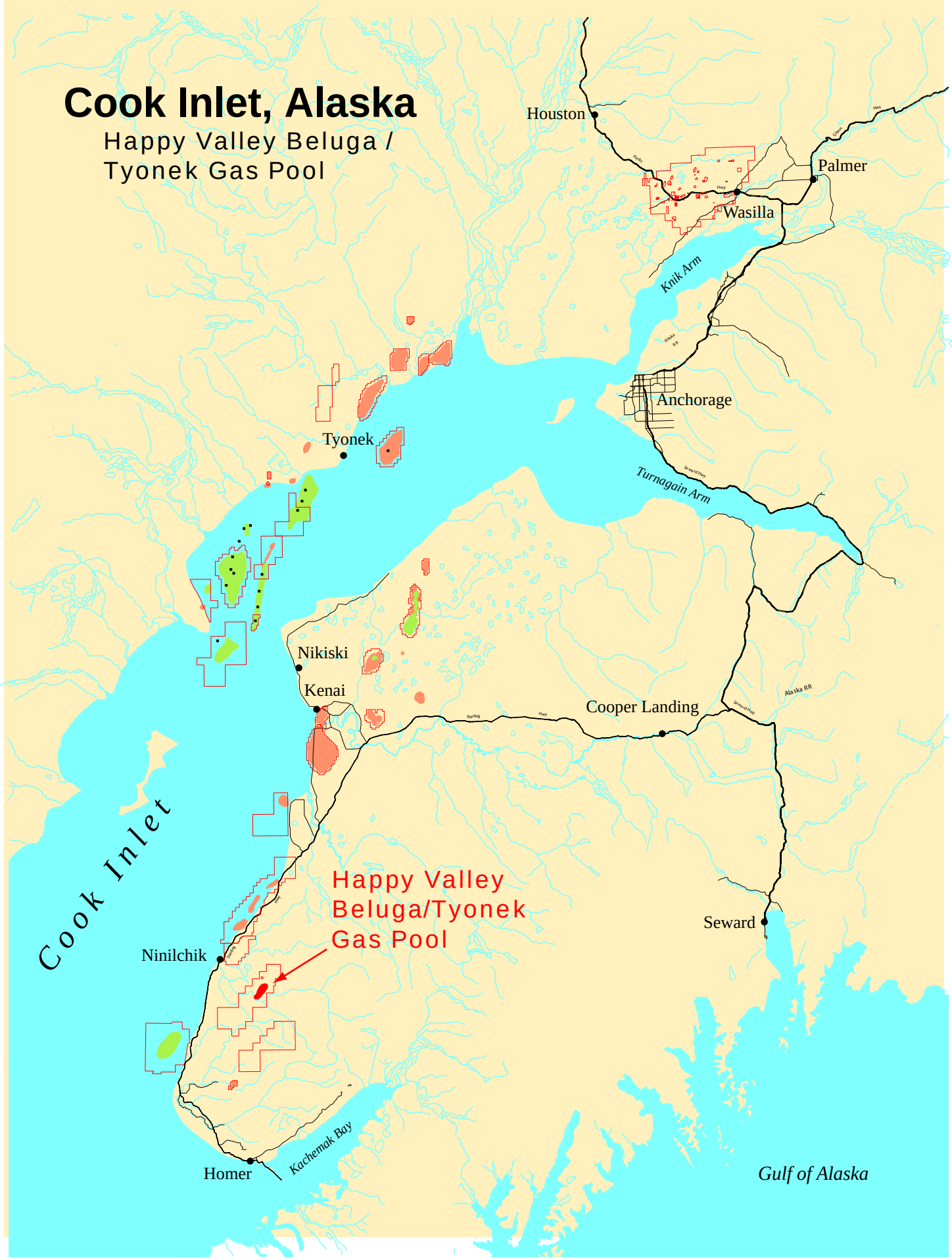
**Jan 1958 Dec 2004**

| Month | DaysProd | Oil (BBL) | Gas (MCF) | Water (BBL | Producing Wells |
|---|---|---|---|---|---|
| Oct 2004 | 32 | 0 | 830 | 0 | 2 |
| Nov 2004 | 88 | 0 | 144864 | 681 | 5 |
| Dec 2004 | 100 | 0 | 153244 | 614 | 5 |
| **Year Total** | | **0** | **298938** | **1295** | |
| **Pool Total** | | **0** | **298,938** | **1,295** | |

# State of Alaska, Oil and Gas Conservation Commission

## Injection History for: DEEP CK, UNDEFINED WDSP Pool

| Month | DaysInj | Liquid (BBL) | Gas (MCF) | Injecting Wells |
|---|---|---|---|---|
| Dec 2004 | 7 | 3804 | 0 | 1 |
| **Year Total** | | **3804** | **0** | |
| **Pool Total** | | **3,804** | **0** | |


Cook Inlet, Alaska
Happy Valley Beluga /
Tyonek Gas Pool
Houston
Palmer
Wasilla
Knik Arm
Anchorage
Tyonek
Turnagain Arm
Nikiski
Kenai
Cooper Landing
Alaska RR
Cook Inlet
Happy Valley
Beluga/Tyonek
Gas Pool
Seward
Ninilchik
Kachemak Bay
Homer
Gulf of Alaska

# DEEP CREEK FIELD
## HV BELUGA/TYONEK GAS POOL

### Current Orders

| Order | No. | AA | Operator | Date | Description | Current |
|---|---|---|---|---|---|---|
| DIO | 30 | | UNION OIL CO | 01-Jun-05 | Authorization to allow the underground injection of non-hazardous Class II oil field waste fluids into the Sterling and Beluga Formations within the Deep Creek Unit NNA No. 2 wellbore. | Y |
| CO | 553 | 0 | UNION OIL CO | 08-Mar-05 | Happy Valley Pool Rules. | Y |
| DIO | 28 | 0 | UNION OIL CO | 07-Dec-04 | Disposal of Class II oil field wastes by underground injection in the Tyonek Formation in the Deep Creek Unit NNA No. 1 Well Section 11, T2S, R13W, SM. | Y |
| AEO | 11 | 0 | UNION OIL CO | 07-Dec-04 | Aquifer Exemption for portions of the Deep Creek Unit in Township 2 South, Range 13 West, SM, Kenai. | Y |

# DEEP CREEK FIELD
## HV BELUGA/TYONEK GAS POOL

### Spacing Exception Orders

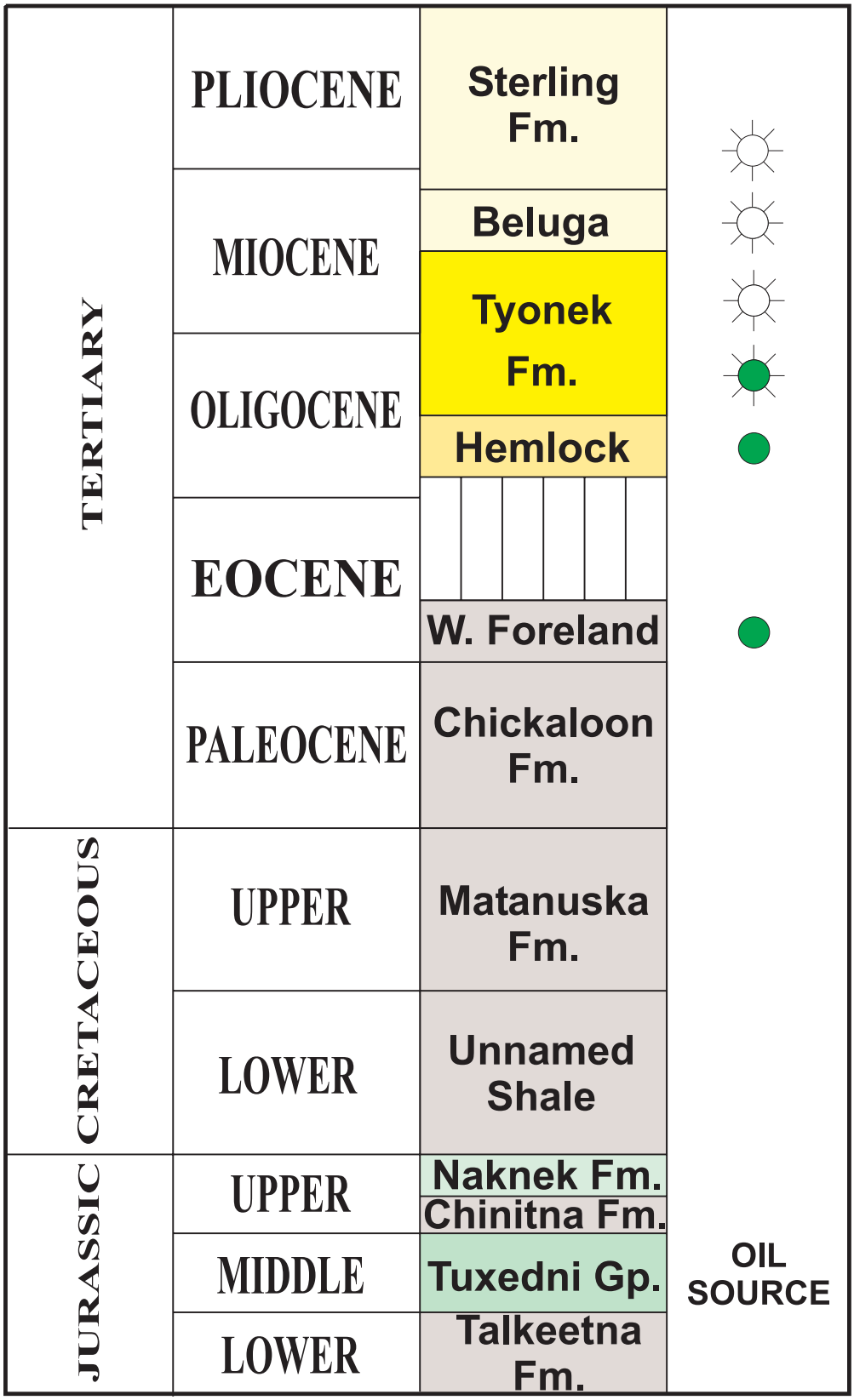
| Order No. | AA | Operator | Date | Description | Current |
|---|---|---|---|---|---|
| CO 543 | 0 | UNION OIL CO | 22-Dec-04 | Spacing Exception Happy Valley #11. | Y |

# DEEP CREEK FIELD
## HV BELUGA/TYONEK GAS POOL

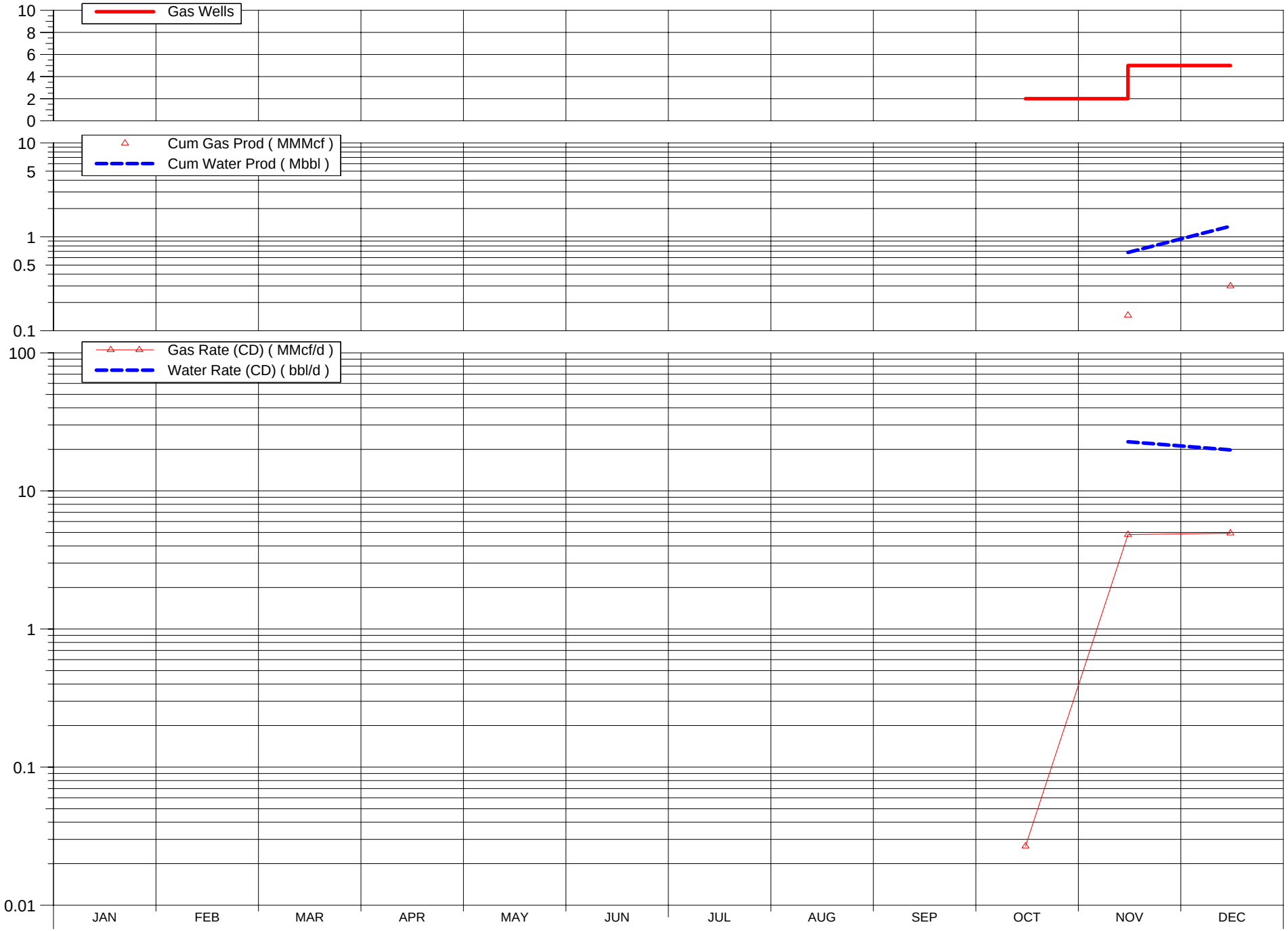
### Obsolete Orders

| Order | No. | AA | Operator | Date | Description | Current |
|---|---|---|---|---|---|---|
| DIO | 29 | 0 | UNION OIL CO | | Disposal Injection request for Happy Valley #5. Withdrawn from operator on December 7, 2004. | N |

# Cook Inlet Generalized Stratigraphic Column

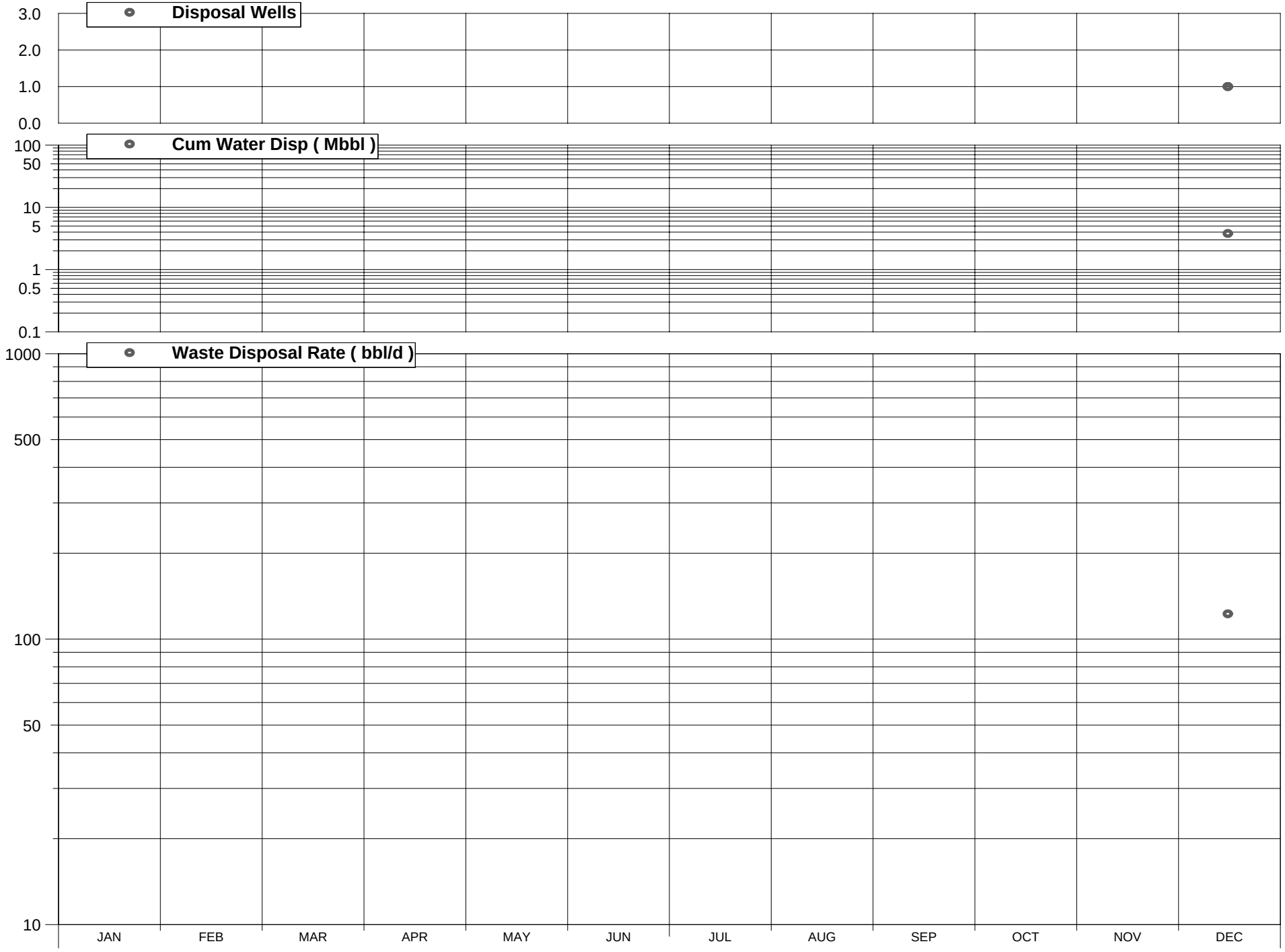


# DEEP CREEK FIELD, TYONEK UNDEFINED GAS POOL




2004

# DEEP CREEK FIELD, UNDEFINED WASTE DISPOSAL POOL




2004