

PROPOSED
EUNICE MONUMENT SOUTH UNIT
UNITIZATION AND WATERFLOOD PROJECT
UPDATED COST ESTIMATE

The cost estimate can be summarized into the following seven major categories.

<u>Item</u>	<u>Tangibles</u>	<u>Intangibles</u>
1. Production and Injection Facilities	\$13,229,000	\$ 6,697,000
2. Drill and Equip - 9 Water Supply Wells	3,090,000	2,000,000
3. Drill and Equip - 19 Producers	1,919,000	2,451,000
4. Drill and Equip - 16 Injectors	864,000	1,856,000
5. Remedial Work - 208 Wells	10,262,600	9,020,700
6. Coring Costs - 20 Wells		1,000,000
7. Pumping Unit Replacements	<u>7,543,900</u>	<u>665,800</u>
Sub-total	\$36,908,500	\$23,690,500
Grand Total	\$60,599,000	

**EUNICE MONUMENT SOUTH UNIT
INVESTMENT DETAIL (GROSS)**

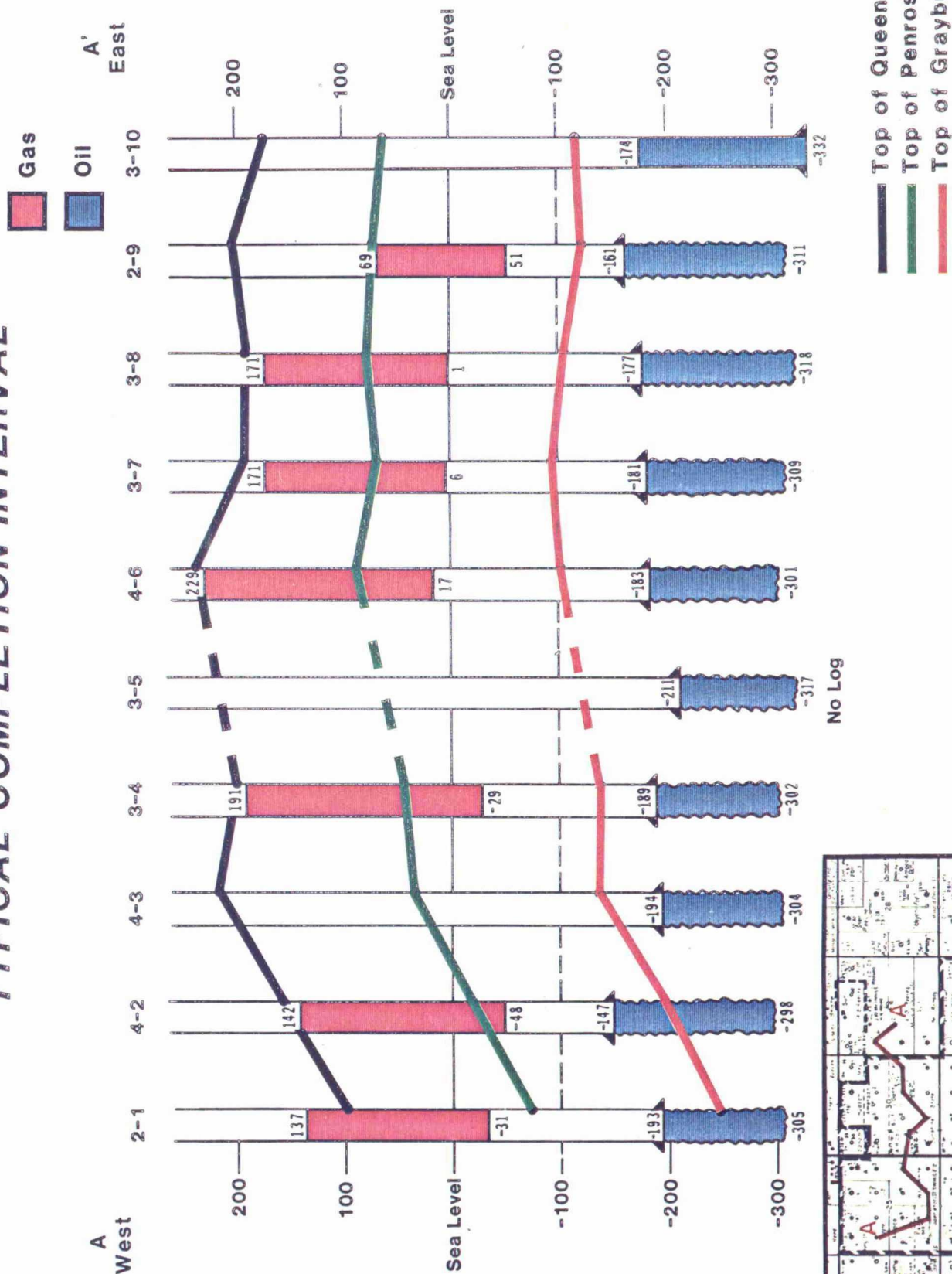
<u>ITEM</u> <u>TANGIBLES</u>	<u>TOTAL</u> <u>(\$M)</u>	<u>1984</u> <u>(\$M)</u>	<u>1985</u> <u>(\$M)</u>	<u>1986</u> <u>(\$M)</u>	<u>1987</u> <u>(\$M)</u>	<u>1988</u> <u>(\$M)</u>	<u>1989</u> <u>(\$M)</u>
Injection Distribution System	\$ 4,440.0	\$ 0	\$ 2,840.3	\$ 880.0	\$ 719.7	\$ 0	\$ 0
Water Supply Lines	270.0	0	123.0	65.0	82.0	0	0
Production Lines	1,775.0	0	1,775.0	0	0	0	0
Satellite Batteries (12)	998.0	150.0	648.0	200.0	0	0	0
Central Production Battery	1,770.0	0	1,328.0	442.0	0	0	0
Injection Plant	2,176.0	0	1,632.0	544.0	0	0	0
Electrical Distribution System	1,800.0	0	1,200.0	600.0	0	0	0
Beam Pumping Units	7,543.9	0	0	0	2,092.9	2,635.6	2,815.4
SUBTOTAL SURFACE EQUIPMENT	20,772.9	150.0	9,546.3	2,731.0	2,894.6	2,635.6	2,815.4
D&C Water Supply Wells (9)	3,090.0	0	1,360.0	1,020.0	710.0	0	0
D&C Producing Wells (19)	1,919.0	0	1,010.0	909.0	0	0	0
D&C Injection Wells (16)	864.0	0	0	864.0	0	0	0
Remedial - Producers	3,695.4	50.0	1,061.7	2,583.7	0	0	0
Remedial - Injectors	6,567.2	0	0	4,651.0	1,916.2	0	0
SUBTOTAL WELLS	16,135.6	50.0	3,431.7	10,027.7	2,626.2	0	0
TOTAL TANGIBLES	\$36,908.5	\$200.0	\$12,978.0	\$12,758.7	\$5,520.8	\$2,635.6	\$2,815.4

INTANGIBLES

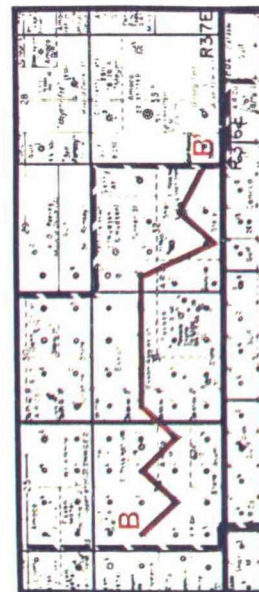
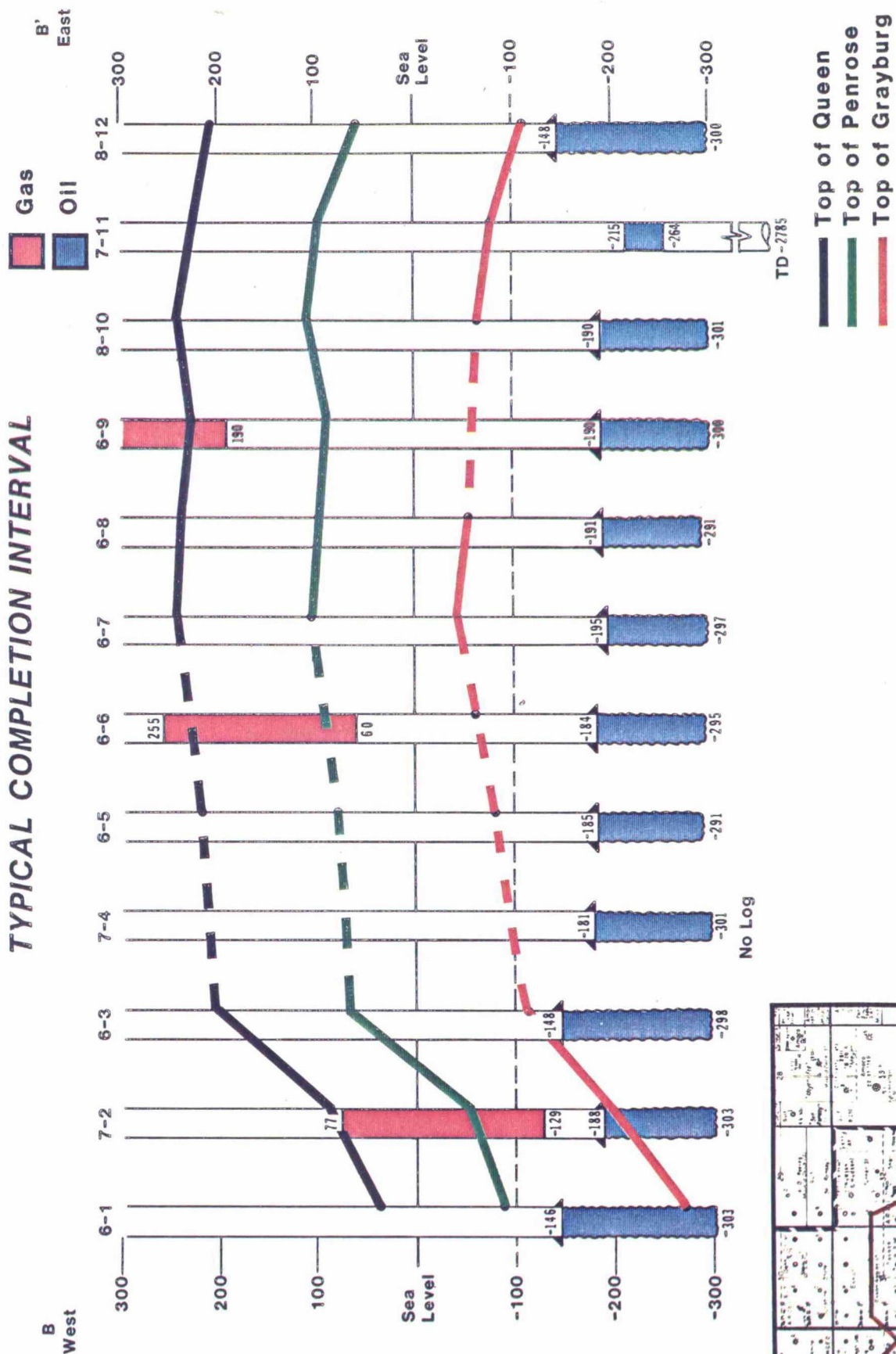
Injection Distribution System	\$ 1,352.0	\$ 0	\$ 907.0	\$ 270.0	\$175.0	\$ 0	\$ 0
Water Supply Lines	225.0	0	141.0	54.0	30.0	0	0
Production Lines	1,320.0	0	1,320.0	0	0	0	0
Satellite Batteries (12)	480.0	50.0	380.0	50.0	0	0	0
Central Production Battery	400.0	0	350.0	50.0	0	0	0
Injection Plant	400.0	0	350.0	50.0	0	0	0
Electrical Distribution System	500.0	0	333.0	167.0	0	0	0
Road & Site Construction	120.0	10.0	70.0	20.0	20.0	0	0
Retirement of Existing Facilities	1,100.0	0	0	800.0	300.0	0	0
ROW Damages	800.0	25.0	575.0	100.0	100.0	0	0
Installation of Pumping Units	665.8	0	0	0	180.0	236.3	249.5
SUBTOTAL SURFACE EQUIPMENT	7,362.8	85.0	4,426.0	1,561.0	805.0	236.3	249.5

<u>ITEM</u> <u>INTANGIBLES</u>	<u>TOTAL</u> <u>(\$M)</u>	<u>1984</u> <u>(\$M)</u>	<u>1985</u> <u>(\$M)</u>	<u>1986</u> <u>(\$M)</u>	<u>1987</u> <u>(\$M)</u>	<u>1988</u> <u>(\$M)</u>	<u>1989</u> <u>(\$M)</u>
D&C Water Supply Wells (9)	2,000.0	0	880.0	660.0	460.0	0	0
D&C Producing Wells (19)	2,451.0	0	1,290.0	1,161.0	0	0	0
D&C Injection Wells (16)	1,856.0	0	0	1,856.0	0	0	0
Coring Costs	1,000.0	0	500.0	450.0	50.0	0	0
Remedial - Producers	1,040.0	50.0	990.0	0	0	0	0
Remedial - Injectors	7,980.7	0	521.1	4,581.6	2,878.0	0	0
SUBTOTAL WELLS	16,327.7	50.0	4,181.1	8,708.6	3,388.0	0	0
TOTAL INTANGIBLES	\$23,690.5	\$135.0	\$8,607.1	\$10,269.6	\$4,193.0	\$ 236.3	\$ 249.5
GRAND TOTAL	\$60,599.0	\$335.0	\$21,585.1	\$23,028.3	\$9,713.8	\$2,871.9	\$3,064.9

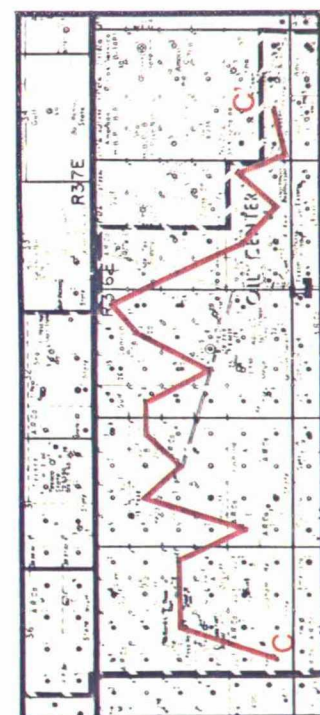
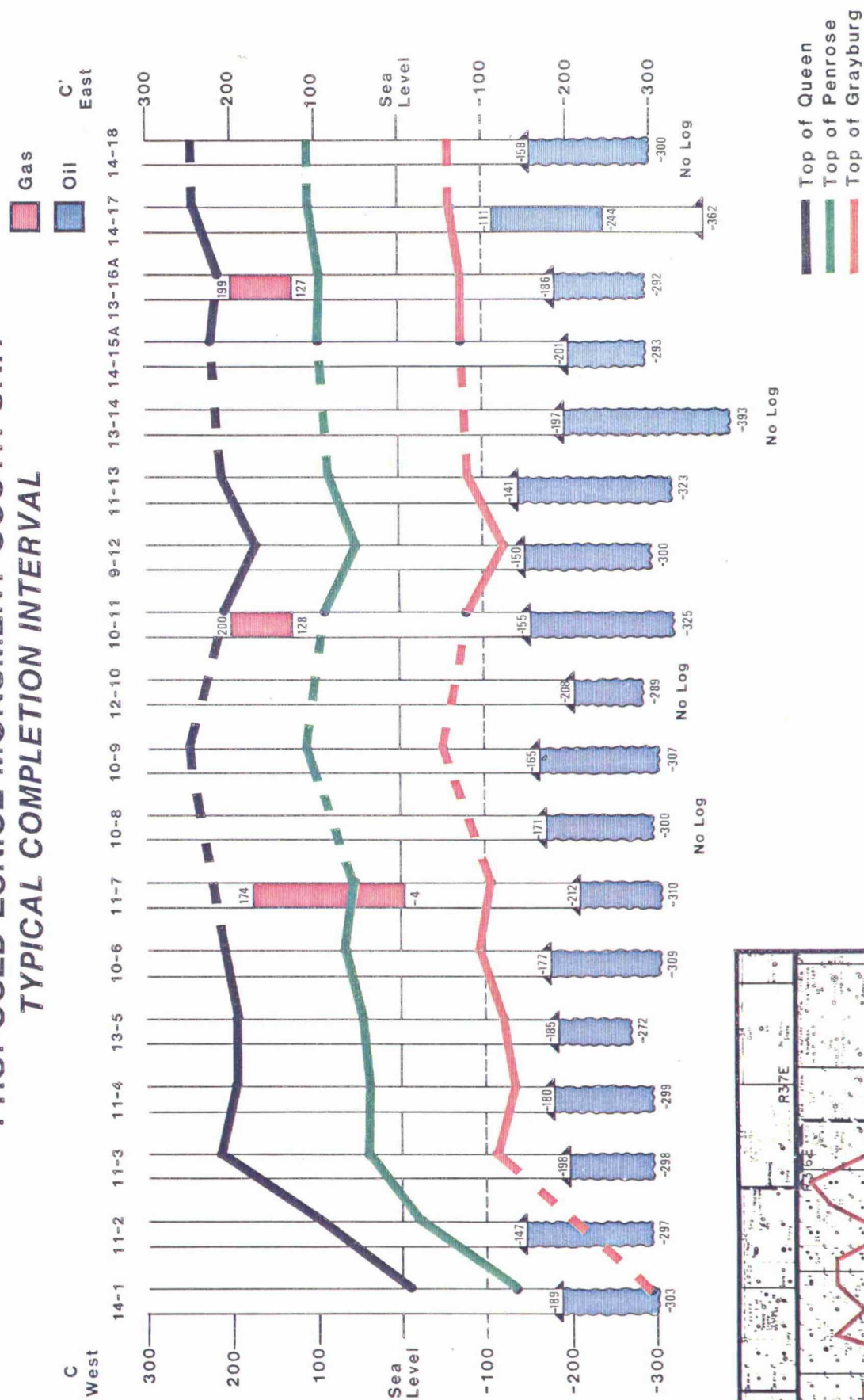
PROPOSED EUNICE MONUMENT SOUTH UNIT TYPICAL COMPLETION INTERVAL



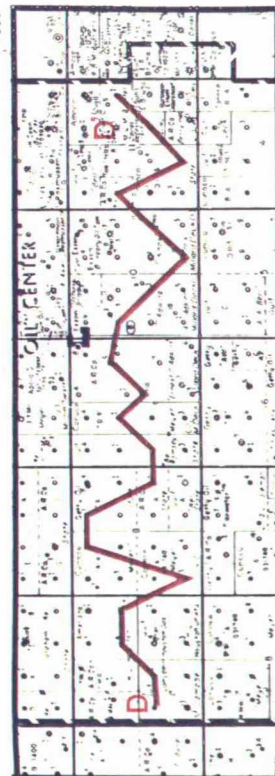
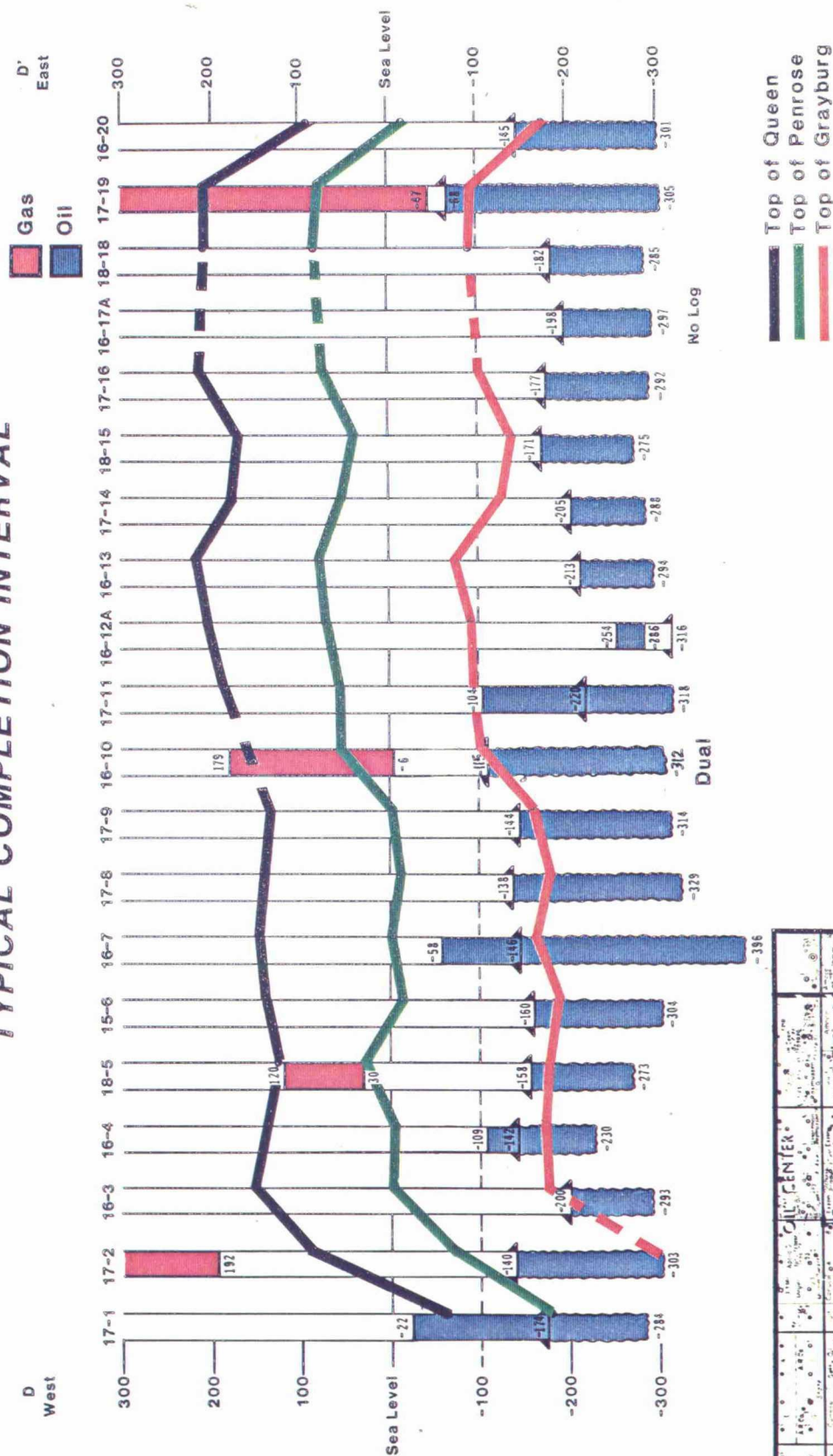
PROPOSED EUNICE MONUMENT SOUTH UNIT TYPICAL COMPLETION INTERVAL



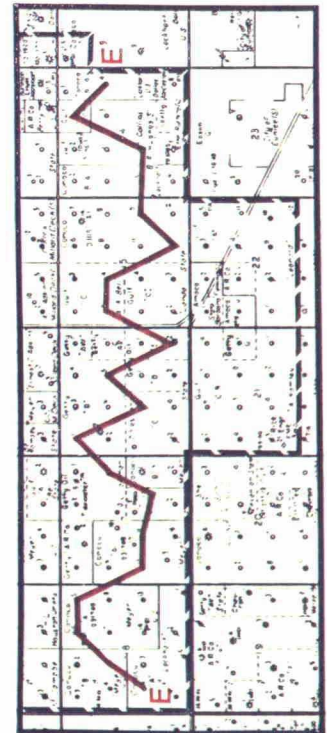
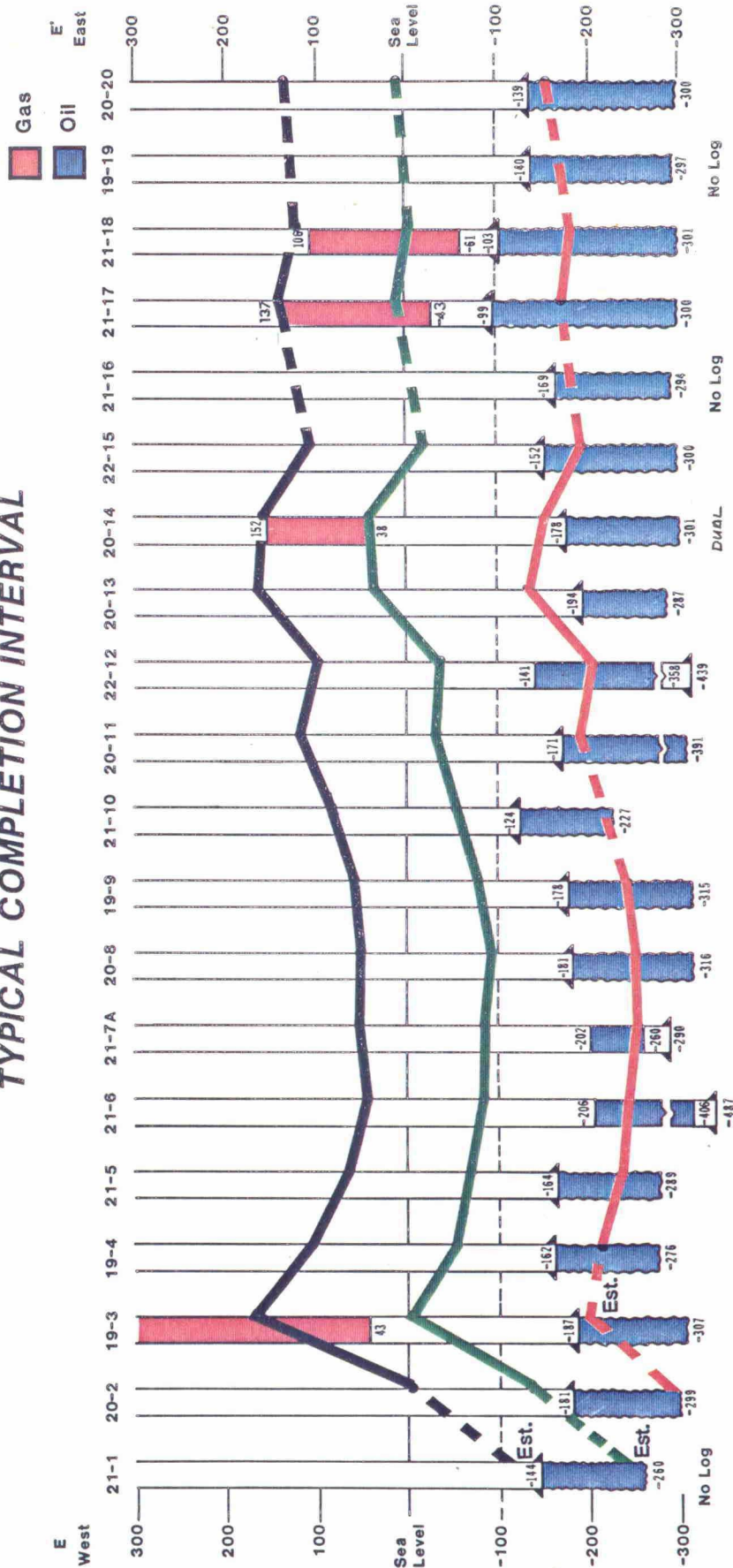
PROPOSED EUNICE MONUMENT SOUTH UNIT TYPICAL COMPLETION INTERVAL



PROPOSED EUNICE MONUMENT SOUTH UNIT TYPICAL COMPLETION INTERVAL

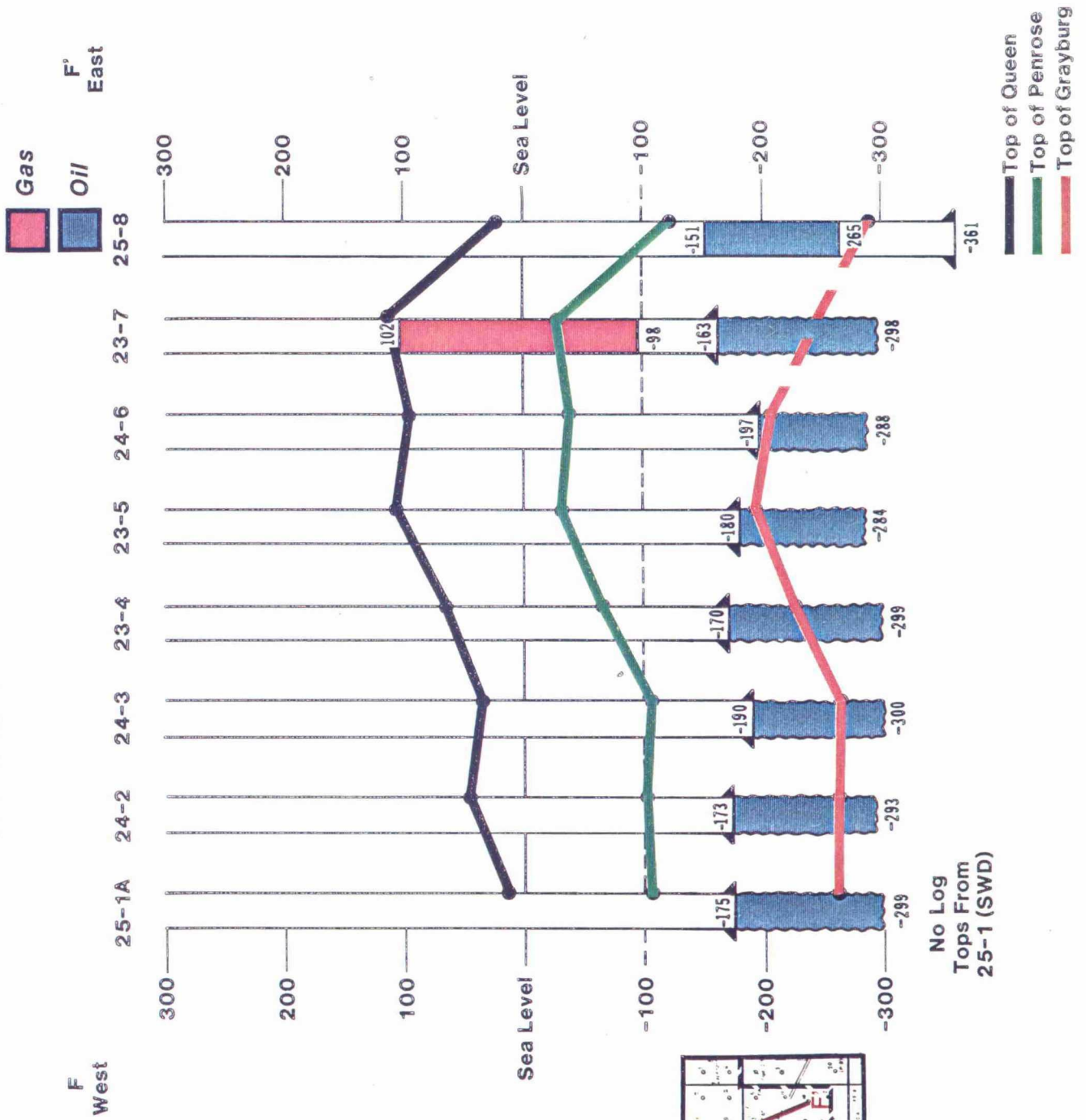


PROPOSED EUNICE MONUMENT SOUTH UNIT TYPICAL COMPLETION INTERVAL

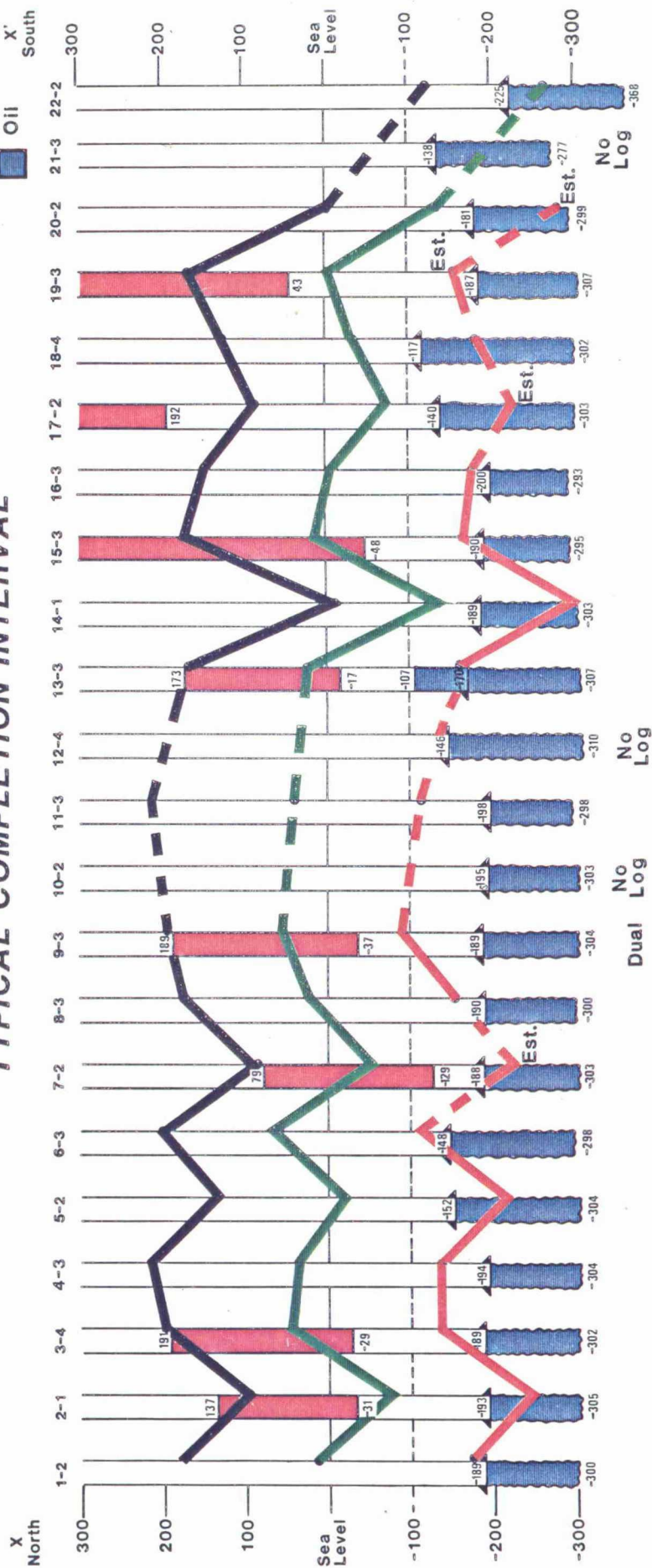


PROPOSED EUNICE MONUMENT SOUTH UNIT

TYPICAL COMPLETION INTERVAL

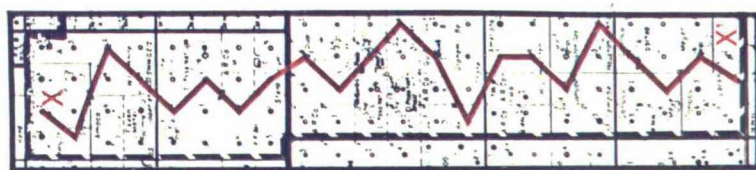


Gas Oil

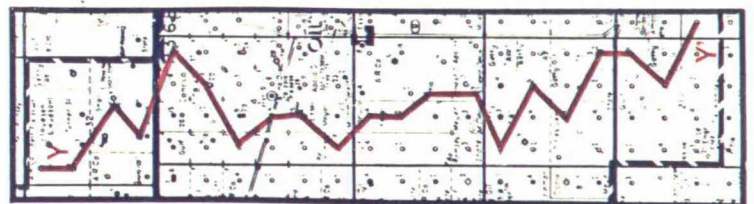
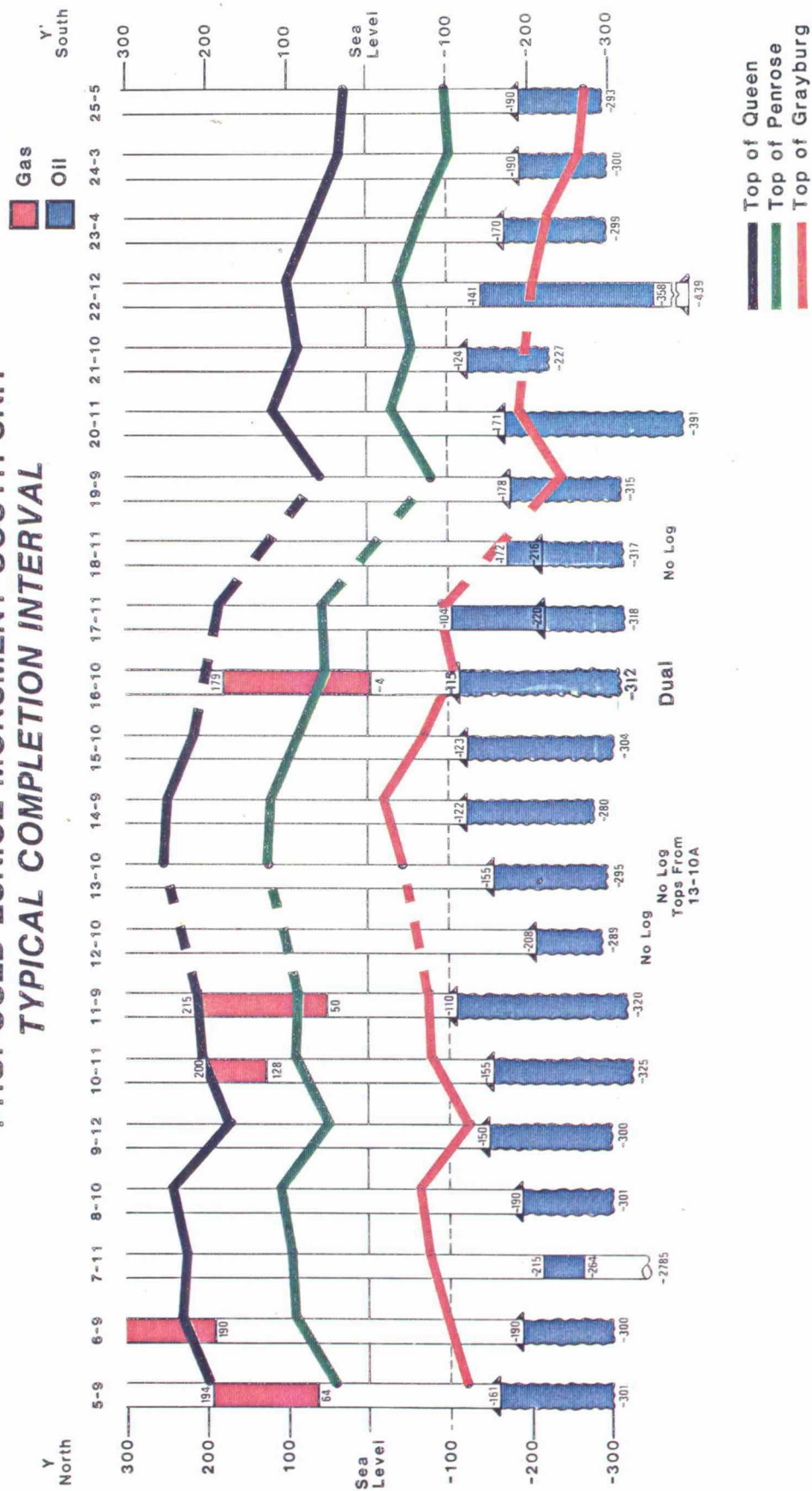


Top of Queen
Top of Penrose
Top of Grayburg

Figure 104

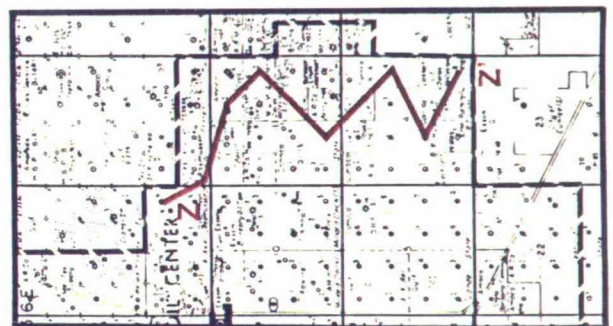
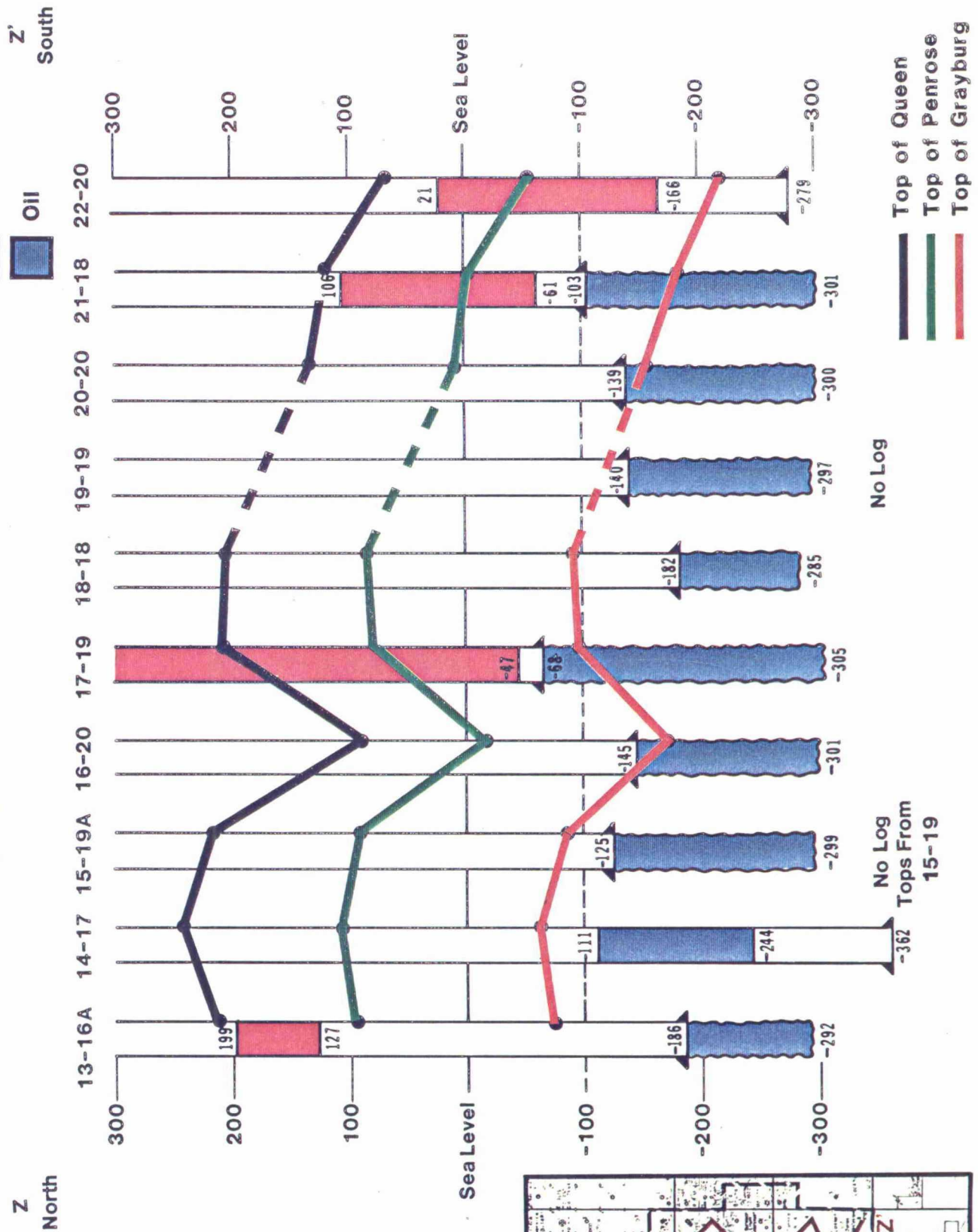


PROPOSED EUNICE MONUMENT SOUTH UNIT TYPICAL COMPLETION INTERVAL



PROPOSED EUNICE MONUMENT SOUTH UNIT

TYPICAL COMPLETION INTERVAL



EUNICE MONUMENT SOUTH UNIT GENERALIZED CROSS SECTION

No Scale

