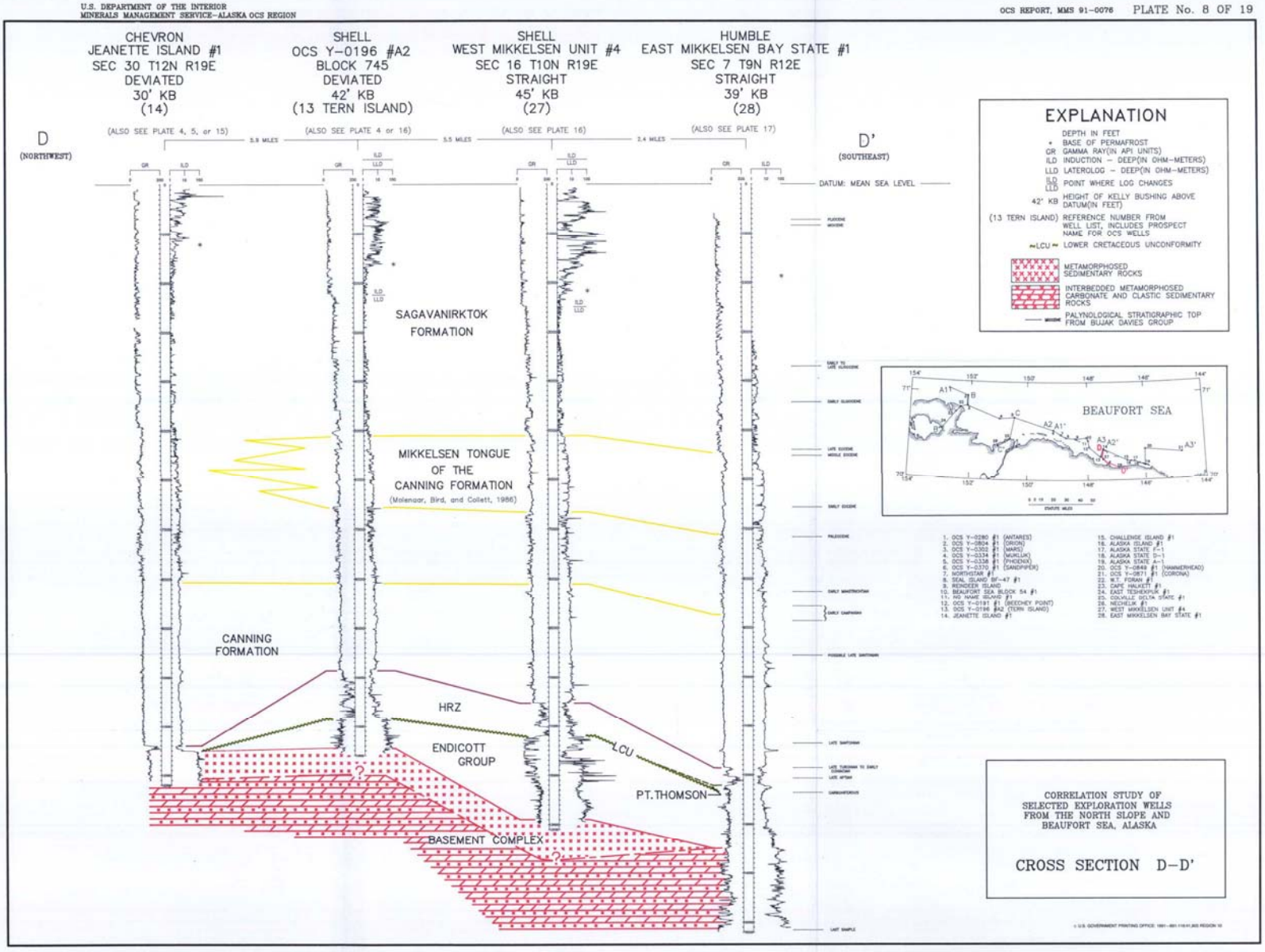
CHEVRON
JEANETTE ISLAND #1
SEC 30 T12N R19E
DEVIATED
30' KB
(14)
SHELL
OCS Y–0196 #A2
BLOCK 745
DEVIATED
42' KB
(13 TERN ISLAND)
SHELL
WEST MIKKELSEN UNIT #4
SEC 16 T10N R19E
STRAIGHT
45' KB
(27)
HUMBLE
EAST MIKKELSEN BAY STATE #1
SEC 7 T9N R12E
STRAIGHT
39' KB
(28)
D
(NORTHWEST)
D'
(SOUTHEAST)
(ALSO SEE PLATE 4, 5, or 15)
3.9 MILES
(ALSO SEE PLATE 4 or 16)
5.5 MILES
(ALSO SEE PLATE 16)
2.4 MILES
(ALSO SEE PLATE 17)
DATUM: MEAN SEA LEVEL
SAGAVANIRKTOK FORMATION
MIKKELSEN TONGUE OF THE CANNING FORMATION
(Molenaar, Bird, and Collett, 1986)
CANNING FORMATION
HRZ
ENDICOTT GROUP
LCU
PT. THOMSON
BASEMENT COMPLEX
EXPLANATION
DEPTH IN FEET
BASE OF PERMAFROST
GR GAMMA RAY(IN API UNITS)
ILD INDUCTION – DEEP(IN OHM–METERS)
LLD LATEROLOG – DEEP(IN OHM–METERS)
ILD/LLD POINT WHERE LOG CHANGES
42' KB HEIGHT OF KELLY BUSHING ABOVE DATUM(IN FEET)
(13 TERN ISLAND) REFERENCE NUMBER FROM WELL LIST, INCLUDES PROSPECT NAME FOR OCS WELLS
LCU LOWER CRETACEOUS UNCONFORMITY
METAMORPHOSED SEDIMENTARY ROCKS
INTERBEDDED METAMORPHOSED CARBONATE AND CLASTIC SEDIMENTARY ROCKS
PALYNOLOGICAL STRATIGRAPHIC TOP FROM BUJAK DAVIES GROUP
BEAUFORT SEA
1. OCS Y–0280 #1 (ANTARES)
2. OCS Y–0804 #1 (ORION)
3. OCS Y–0302 #1 (MARS)
4. OCS Y–0334 #1 (MUKLUK)
5. OCS Y–0338 #1 (PHOENIX)
6. OCS Y–0370 #1 (SANDPIPER)
7. NORTHSTAR #1
8. SEAL ISLAND BF–47 #1
9. REINDEER ISLAND
10. BEAUFORT SEA BLOCK 54 #1
11. NO NAME ISLAND #1
12. OCS Y–0191 #1 (BEECHEY POINT)
13. OCS Y–0196 #A2 (TERN ISLAND)
14. JEANETTE ISLAND #1
15. CHALLENGE ISLAND #1
16. ALASKA ISLAND #1
17. ALASKA STATE F–1
18. ALASKA STATE D–1
19. ALASKA STATE A–1
20. OCS Y–0849 #1 (HAMMERHEAD)
21. OCS Y–0871 #1 (CORONA)
22. N.T. FORAN #1
23. CAPE HALKETT #1
24. EAST TESHEKPUK #1
25. COLVILLE DELTA STATE #1
26. NECHELIK #1
27. WEST MIKKELSEN UNIT #4
28. EAST MIKKELSEN BAY STATE #1
CORRELATION STUDY OF SELECTED EXPLORATION WELLS FROM THE NORTH SLOPE AND BEAUFORT SEA, ALASKA
CROSS SECTION D–D'