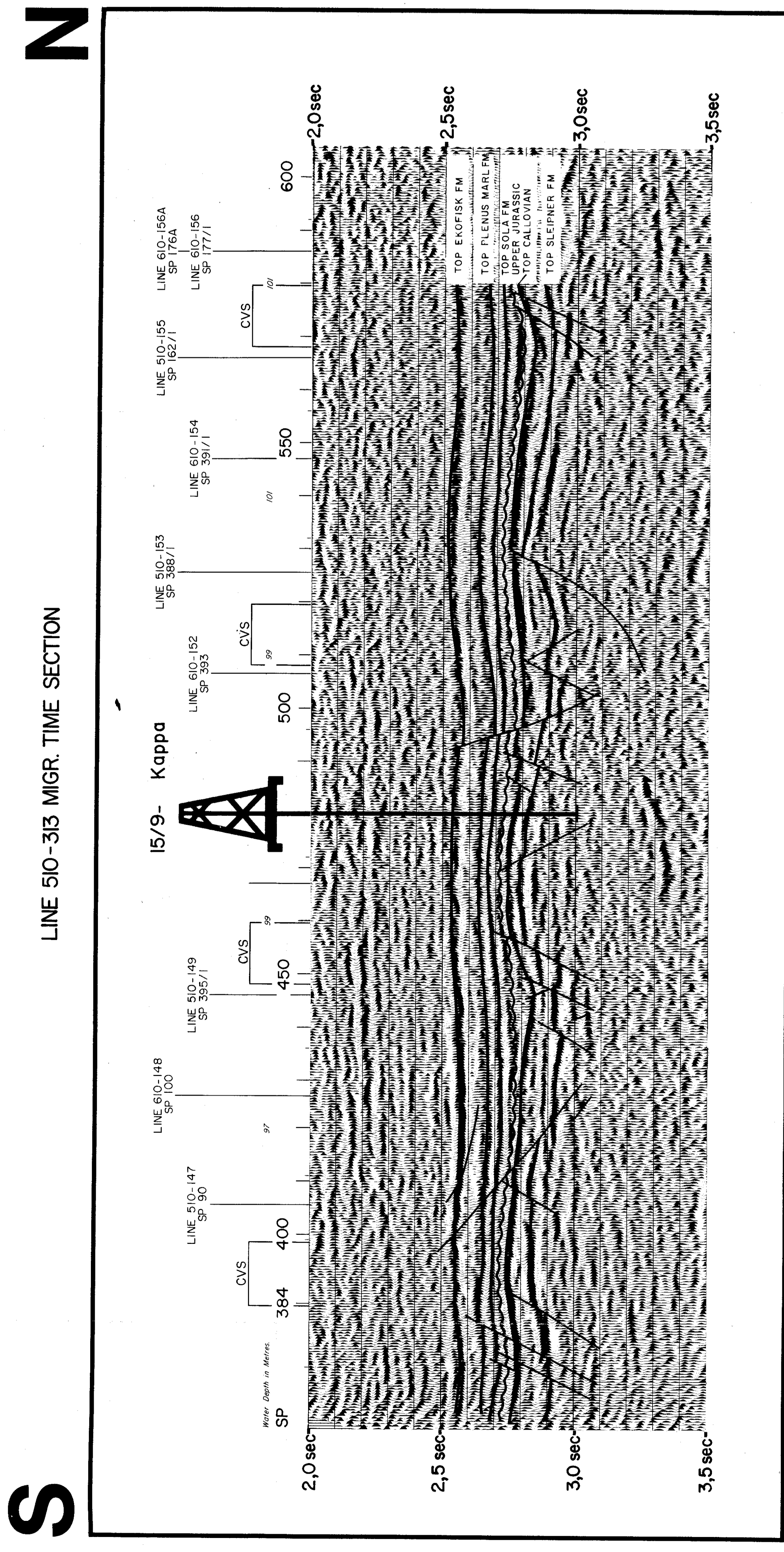
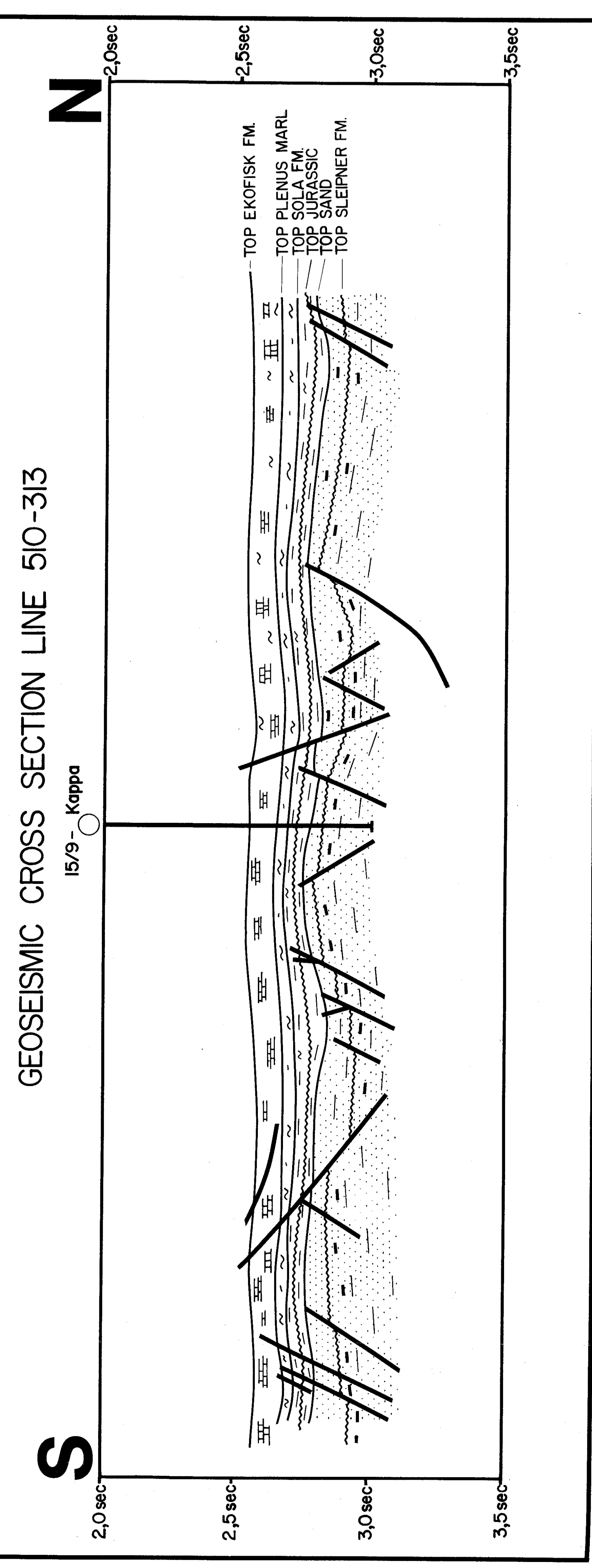


# PL 046.15/9- WILDCAT WELL ON K PROSPECT

LINE 510-313 MIGR. TIME SECTION



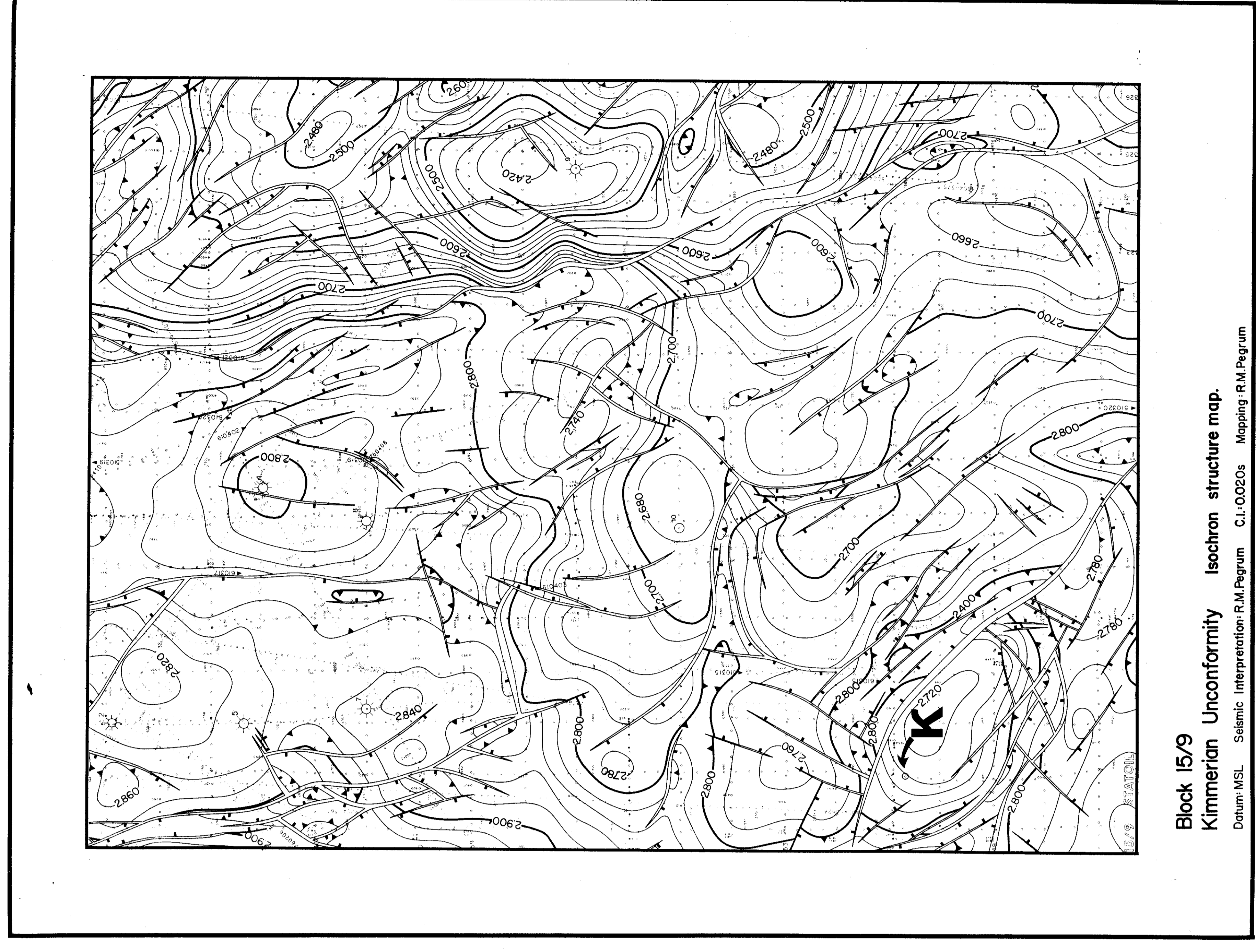
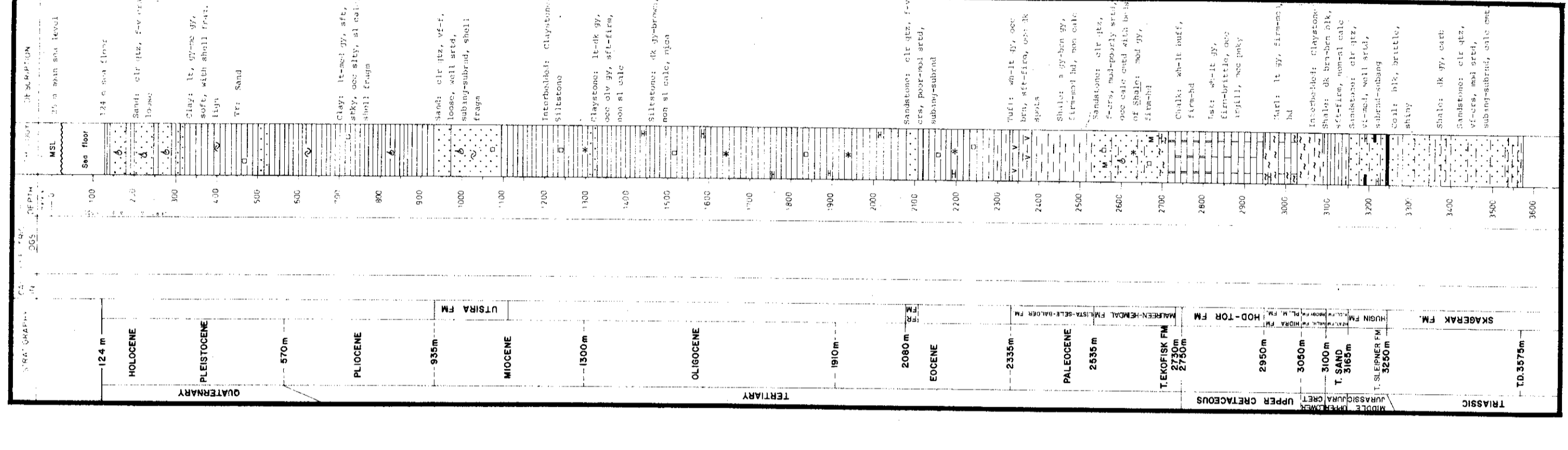
GEOSEISMIC CROSS SECTION LINE 510-313



**15/9-Kappa Wildcat, Formation Tops**

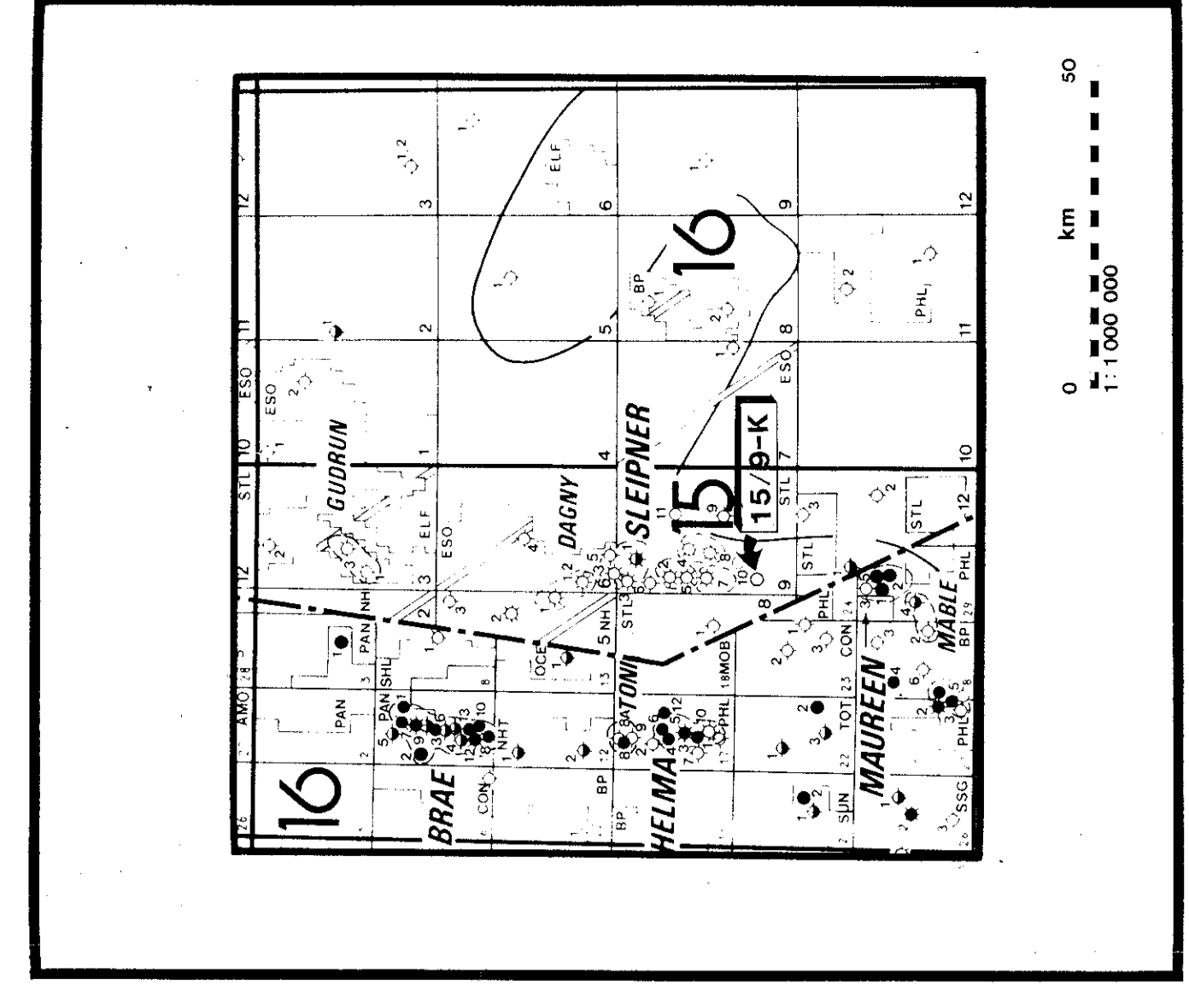
Form/Series	Two way time (s)						Comments
	15/9-K	15/9-10	15/9-K	15/9-10	15/9-K	15/9-10	
Utsira Fm	910 ± 30	889	0.990	0.834	1838	1839	
B.Utsira Fm	1090 ± 30	1077	1.116	1.144	1871	1882	
Oligocene	1275 ± 30	1275	1.340	1.328	1903	1920	
Eocene	1885 ± 30	1845	1.910	1.861	1974	1983	
Frigg Fm	2055 ± 30	2024	2.060	2.018	1995	2005	Poor reflector
Balder Fm	2310 ± 40	2289	2.280	2.228	2026	2037	
Heimdal Fm	2510 ± 30	2475	2.435	2.387	2062	2073	
Ekofisk Fm	2705 ± 30	2651	2.540	2.472	2130	2120	
Plenus Marl Fm	2925 ± 40	2846	2.642	2.576	2214	2210	
Sola Fm	3025 ± 50	2948	2.693	2.628	2247	2243	
U. Jurassic	3075 ± 60	2979	2.725	2.648	2257	2250	
Top sand	3140 ± 60	3043	2.770	2.696	2267	2257	
Sleipner Fm	3225 ± 60	3102	2.816	2.730	2280	2273	
T.D.	3550	3255					TD 3550 or through first water bearing sst in Triassic

15/9-K WILDCAT



Block 15/9  
Kinmerian Unconformity Isochron structure map.  
Datum: MSL. Seismic interpretation: R.M. Pøgrum C.1.02020s Mapping: R.M. Pøgrum

INDEX MAP NORTH SEA



**LICENCE INFORMATION**

AREA: Norwegian North Sea  
BLOCK: 15/9  
LICENCE: PL 046  
LICENCES: Statoil, Esso, Norsk Hydro  
OPERATOR: Statoil

**WELL INFORMATION**

**15/9-K**

CLASSIFICATION: WILDCAT  
COORDINATES: 58° 17' 22.9" N  
0° 41' 27.8" E  
SEISMIC LOCATION: 510-358A sp-480  
DRILLING RIG: ROSS RIG  
WATER DEPTH: 99m  
K.B.E.: 25m  
PROJECTED T.D.: 3575m

**statoil**  
Operatør av offshoreanlegg

**DISPLY PANEL**  
PL 046  
15/9-K Wildcat Well.

R.M. Pøgrum / T.E. Lønne / J. Kildesheim

Scale: 1:50 000  
Date: 28.1.82  
Sheet: 281.82

**GEOLOGICAL PROGRAM**  
**WELL 15/9-Kappa wildcat**

**PURPOSE OF TEST**  
15/9-Kappa is a wildcat well designed to test possible hydrocarbon accumulation in the Jurassic/Triassic sandstones of the Kappa structure. The well will be drilled to an estimated total depth of 3575 m or through the first water bearing sandstone of Triassic age.

**OBJECTIVES**  
The primary objective of well 15/9-Kappa is sandstone of Upper to Middle Jurassic age, with a possible secondary objective in the Triassic.

**DRILLING HAZARDS**  
No drilling hazard is anticipated in this well. However, from site survey, a high amplitude zone is present in the top Jurassic. This zone is thought to be a gas charged horizon, but precautions should be carried out when drilling this section. In 15/9-3, 21.5 km north of this location, a high pressure zone, at top Jurassic, occurs. This local high pressure zone is not expected in this well, but its presence should not be ignored.

**SURVEY AND POSITIONING**  
The rig will be navigated by Pulse 8 and finally positioned by Sannav. Rig location accuracy is requested within a 100 m radius of the proposed location on sp. 480 on seismic line 510-313.