

**COMPLETION LOG**

PHILLIPS PETROLEUM COMPANY

COMPANY: PHILLIPS PETROLEUM COMPANY WELL NUMBER: 219-8X  
 COORDINATES: Lat. 56° 23' 08.6" N Long. 03° 19' 06.8" W COUNTRY: Norway  
 DATE SPUEDDED: 8 JULY 1973 DATE COMPLETED: August 22 1973  
 ELEVATION-KB: 112.5' DF: 113.5' WATER DEPTH: 230'  
 TOTAL DEPTH: 10,887' PBTD: Sea bed STATUS: P and A  
 CASING RECORD: 20" csg at 504' 13 3/8" csg at 4,004' 20" csg at 1,600' 9 3/8" csg at 8,035'

GEOLOGIST: J.P. ROBINSON ROYAL NORWEGIAN PETROLEUM EXPLORATION  
 REMARKS: 112' 20" EXPLORES  
 TESTING AND COMPLETION SUMMARY: 7/2 219 8X

**LEGEND**

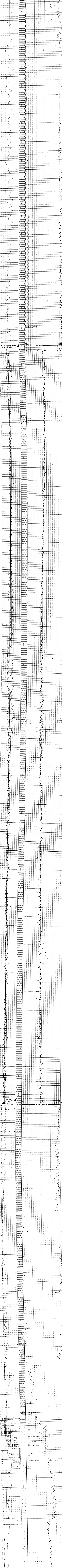
Limestone	Argillaceous Limestone	Sandy Limestone	Coquina Limestone (loosest frag)	Chert	Gypsum	Marl	Salt (NaCl)	Salt casts	Polychalcite, Sphinite (submassive salt)	Calcareous shale	Dolomitic shale	Coal, lignite	Chert	Bentonite	Percentage of Oil Cuttings with Porosity (over 40%): 0-5% 5-10% 10-15% 15-20% 20-25% 25-30% 30-35% 35-40% 40-45% 45-50% 50-55% 55-60% 60-65% 65-70% 70-75% 75-80% 80-85% 85-90% 90-95% 95-100%	Oil Stain or Oil Fluorescence and Cut in log	Gas show or Mark or Cuttings	SS (positive D-T)	Dallies	Fossils	Pyrite	Gaoprite	Siderite	Limestone nodules	Phosphate	Carbonate nodules	No Samples
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**SCALE 1:500**

DEPTH AND GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CORES AND TESTS
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WELL HISTORY AND DRILLING RATE	INTERVAL TRANSIT TIME
GAMMA RAY MINUTES / 5 FEET 0 120 240	13.4-2.4 0 120 240

CALIPER	INTERVAL TRANSIT TIME
HOLES DIA. IN INCHES 16	MICROSECONDS PER FOOT 240 260 280



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