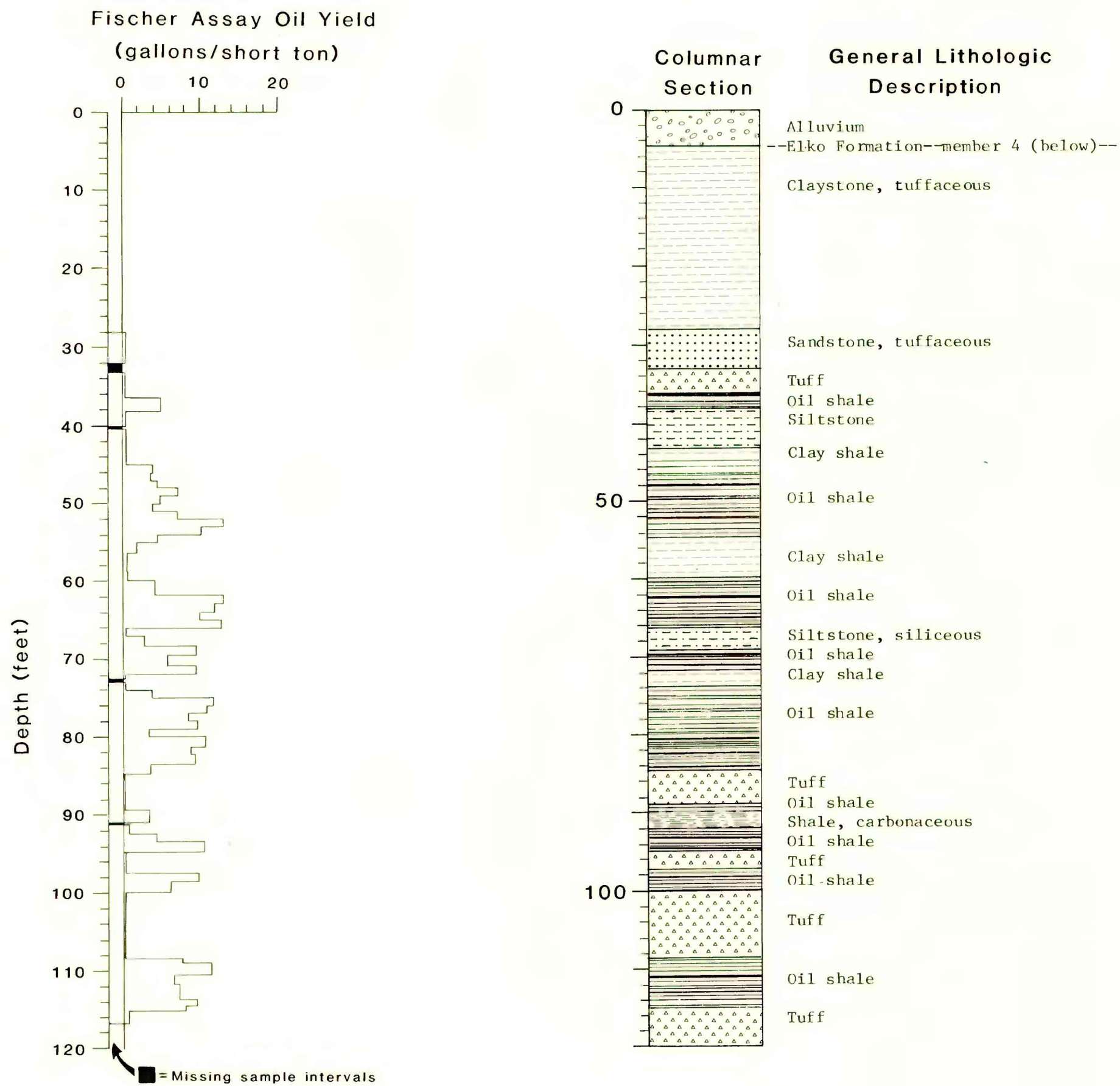


U.S. GEOLOGICAL SURVEY  
CORE HOLE EOS-1

**Core Hole EOS-1**



**LOCATION**  
NE $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$  sec. 22, T. 34 N., R. 55 E., Mount Diablo Meridian, Elko County, Nevada; from southeast section corner located approximately 2050 ft north and 2450 ft west.

**APPROXIMATE ELEVATION** = 5160 ft

**TOTAL DEPTH** = 117.0 ft

**HOLE DIAMETER (Drilled)** = 3.0 in.      **CORE SIZE:** NQ (1.875-inch diameter)

**DRILLED BY:** Toly Exploration and Drilling, Salt Lake City, Utah

**DRILLING MEDIUM:** Air mist

**DEPTH TO CORE POINT** = 20.0 ft

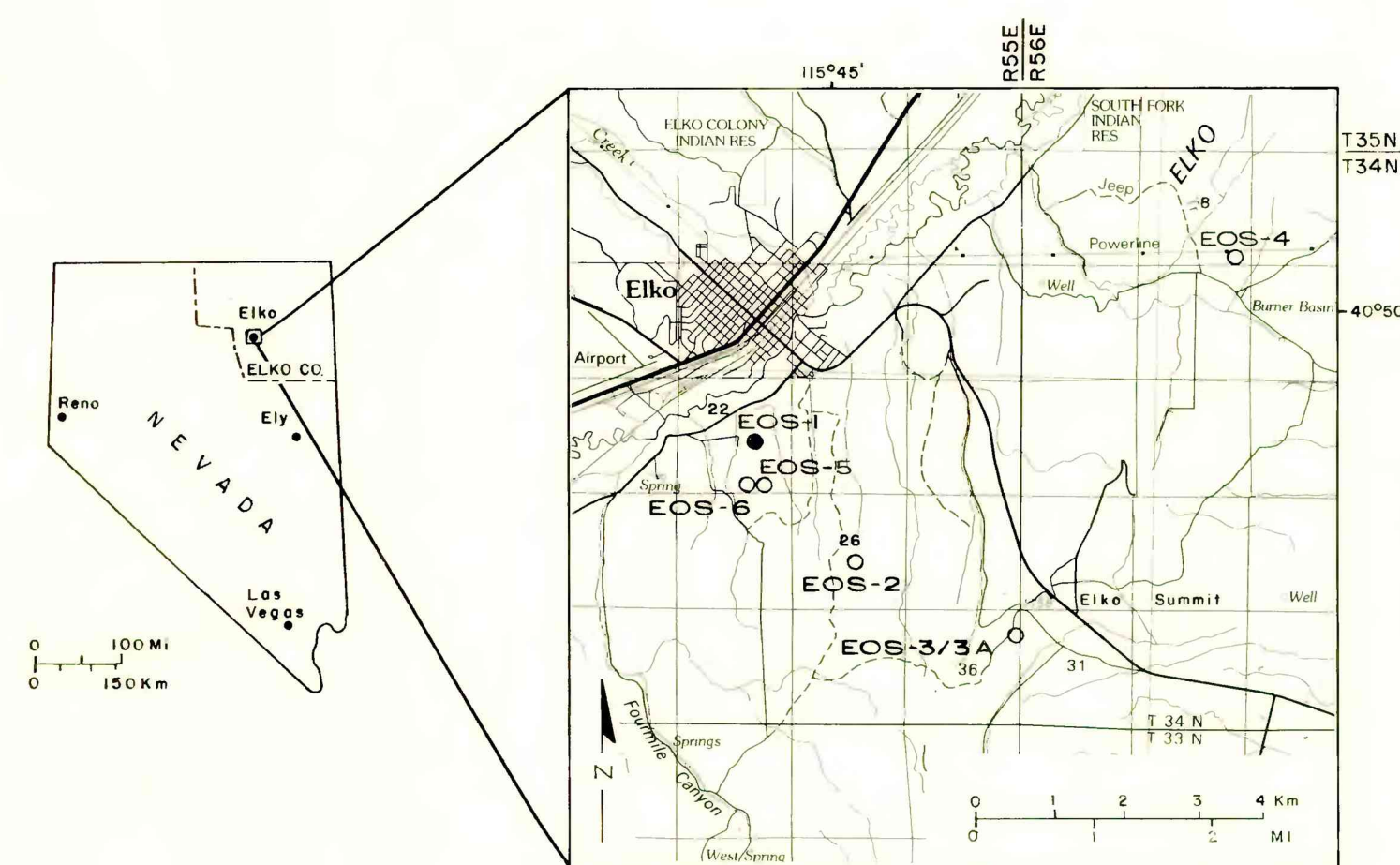
**DATE STARTED:** 9/16/81      **DATE COMPLETED:** 9/30/81

**WELL-SITE GEOLOGISTS:** S. W. Moore and E. V. Stephens

**HOLE CONDITIONS**  
Depth of casing = 20.0 ft

**LITHOLOGIC UNITS PENETRATED**  
Eocene and Oligocene(?) Elko Formation--member 4 (siltstone and oil shale member). Average dip of bedding = 25°.

**FISCHER ASSAYS BY**  
L. G. Trudell, Laramie Energy Technology Center, Laramie, Wyoming using the modified Fischer retort method.



This report has not been edited for conformity with U. S. Geological Survey editorial standards or stratigraphic nomenclature.

**FISCHER ASSAY OIL-YIELD HISTOGRAM AND GENERALIZED LITHOLOGIC LOG FROM CORE HOLE EOS-1, ELKO COUNTY, NEVADA**

By  
S.W. Moore