

1730 0003

PROPERTY NAME: Elko Oil Shale  
OTHER NAMES: Catlin & Norton  
MINERAL COMMODITY(IES): Oil shale, coal  
TYPE OF DEPOSIT: sedimentary  
ACCESSIBILITY: \_\_\_\_\_  
OWNERSHIP: \_\_\_\_\_  
PRODUCTION: \_\_\_\_\_  
HISTORY: See reference: listed in Garside and Papke, 1980.

County: Elko  
Mining District: Elko  
AMS Sheet: Elko  
Quad Sheet: Elko West 7 1/2'  
Area centered on corner of  
Sec. 22,23,26,27 34N, R 55E  
Coordinate (UTM):  
{ North 4 5 1 8 3 0 0 m  
East 0 6 0 4 5 0 0 m  
Zone 11  
UTM IS EST

DEVELOPMENT: Several adits and shallow shafts (caved); remains of old oil shale retorts. As far as is known all the workings are for oil shale. The shafts are shallow. The main workings are in NE/4 S27.  
ACTIVITY AT TIME OF EXAMINATION: None.

GEOLOGY: Oil shale and poor quality lignite are interbedded in the light gray weathering, dark grey Eocene Elko Formation. The beds are nearly horizontal.  
There deposits have been described in numerous articles, which are listed in bibliographic in Garside and Papke (1980) and Solomon and others (1979). A sample of the lignite was analyzed by the U.S. Bureau of Mines and U.S. Geological Survey; results are reported in Garside and Papke (1980). Also, work is in progress to define the oil shale resources. A report by the U.S. Geological Survey to the Nevada Department of Energy will be finished shortly (probably in a few months). One of the authors of this report will be Steven Moore, USGS, Menlo Park.

No sample

Photos

REMARKS: Photo G822-33 is of the oil shale waste dumps and the remains of the old oil shale plant

References:  
Solomon, B.J. McKee, E. H., Anderson, D.W. (1979) Eocene and Oligocene lacustrine and volcanic rocks near Elko, Nevada; Rocky Mountain Association of Geologists - Utah Geological Association 1979 Basin and Range Symposium (ed. Newman, G.W. and Goode, H.D.), P. 325 - 337.  
Garside, L.J. and Papke, K.G. (1980) A preliminary first stage study of Nevada coal resources: Nevada Bureau of Mines and Geology Open-file report 80-5, p. 73.

~~REFERENCES:~~

EXAMINER: L.J. Garside DATE VISITED: 16 Aug. 82