

LINCOLN COUNTY (continued)

LSS/BHCS 8,130-9,162 ft
Samples:
 Cuttings 1,534-9,180 ft
Remarks: DST 8,730-9,178 ft recovered 2,500 ft of water.

FLETCHER, C.H.

Fletcher No. 1
API no.: 27-017-05206
Permit no.: 459
Location: NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 30, T8N, R70E
 2,343 ft from south line, 2,422 ft from west line
Elevation: 5,740 ft
Completed: Jan. 8, 1986
Status: P & A
Depth: 7,481 ft
Tops:

1,884 ft	Tertiary ss.
2,240 ft	Tertiary anhydrite
4,050 ft	Tertiary claystone & ls.
4,875 ft	Tertiary conglomerate
5,870 ft	Tertiary volc.(?)
5,924 ft	Tertiary claystone & ls.
6,436 ft	Tertiary volc. tuff
7,481 ft	Tertiary TD in volc.

Logs:
 Lithologic 410-7,480 ft
 BHCS/GR 396-7,469 ft
 DI 396-7,469 ft
Samples:
 Cuttings 408-7,481 ft

GULF OIL CORP.

Cave Valley Unit Federal No. 1
API no.: 27-017-05001
Permit no.: 100
Location: NE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 19, T7N, R64E
 680 ft from south line, 500 ft from east line
Elevation: 6,037 ft
Completed: July 6, 1966
Status: P & A
Depth: 7,024 ft
Tops:

Surface	valley fill
6,205 ft	base of valley fill
6,630 ft	Paleozoic

Logs:
 Lithologic 0-7,024 ft
 DIL 488-7,024 ft
 FDL 488-7,023 ft
 BHCS/GR 488-7,014 ft
 ML 488-7,023 ft

Remarks: Water sands at 250-260 ft and 1,160-1,270 ft.

GULF OIL CORP.

Nevada-Federal CM No. 1
API no.: 27-017-05002
Permit no.: 95
Location: center, NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 17, T1S, R60E
 660 ft from north line, 660 ft from west line
Elevation: 4,940 ft
Completed: Mar. 7, 1966
Status: P & A
Depth: 2,434 ft
Logs:
 BHCS/GR 0-2,428 ft
 DIL 768-2,432 ft

FDL 768-2,435 ft
 ML 768-2,435 ft
 DM 768-2,432 ft
Remarks: Water zone at 660-800 ft.

PEASE, WILLARD DRILLING CO.

Federal No. 1
API no.: 27-017-05000
Permit no.: 79
Location: center, NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 22, T9N, R63E
 660 ft from north line, 1,980 ft from east line
Elevation: 6,540 ft at DF
Completed: May 9, 1965
Status: P & A
Depth: 6,264 ft
Logs:
 IES 504-6,268 ft
 S/Cal 504-6,271 ft

TENNECO OIL CO.

GB Core Hole No. 13
API no.: 27-017-05200
Permit no.: 138
Location: SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 29, T7N, R63E
 2,250 ft from north line, 2,200 ft from west line
Elevation: 6,200 ft
Completed: Aug. 19, 1970
Status: P & A
Depth: 488 ft
Tops:
 Surface alluvium
 13 ft Pennsylvanian Ely Ls.
 265 ft Mississippian Diamond Peak
 Fm. and Chainman Sh.

Logs:
 Lithologic 0-488 ft
 GR 0-489 ft
Samples:
 Cuttings 0-480 ft
Remarks: Water at 288 ft.

TEXACO INC.

Federal No. 1
API no.: 27-017-05201
Permit no.: 155
Location: SE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 18, T12S, R65E
 2,800 ft from south line, 200 ft from east line
Elevation: 3,693 ft
Completed: Dec. 4, 1972
Status: P & A
Depth: 7,030 ft
Logs:
 Lithologic 650-7,030 ft
 DLL 30-7,016 ft
 CNL/FDC 2,300-6,538 ft
 PML 2,300-6,538 ft
 DM 2,300-7,026 ft

Samples:
 Cuttings 20-7,030 ft
Remarks: Palynology and source-rock report available at NBMG.

LYON COUNTY

Considerable oil prospecting took place in Lyon County in the early 1900's, and at least two wells were drilled. Anderson (1909c) reported that there was little

LYON COUNTY (continued)

hope for an appreciable quantity of oil to be found, and no confirmed oil shows or seeps were known from the county. Anderson (1909c) stated that black manganese oxide minerals in Quaternary sediments in Smith Valley could be mistaken for asphalt. He also mentioned that a constant stream of flammable gas issued from one point in the center of the valley floor. He suggested that it was marsh gas (biogenic methane), not an indicator of oil, a suggestion that still appears valid today.

Well Data

NEVADA COAL & OIL CO.

API no.: 27-019-05001

Permit no.: LY2

Location: sec. 36, T8N, R27E; or sec. 1, T7N, R27E

Completed: 1920

Status: D & A

Remarks: This well is located along the East Fork of the Walker River near Washington mining district and Wichman Canyon, approximately 30 miles south of Yerington.

YERINGTON OIL & GAS CO.

API no.: 27-019-05000

Permit no.: LY1

Location: T15N, R26E

Status: D & A

Depth: 262 ft

Tops:

Surface
248 ft

sand
porphyritic igneous rock

Logs:

Driller 0-262 ft

Remarks: This well is located 7 to 10 miles east of Wabuska and north of the bend in the Walker River.

NYE COUNTY

Although there are some indications of oil exploration in Nye County during the oil boom of the early twentieth century, there are no reliable records of any drilling before 1954. Serious planning was given to the drilling of a well near Currant in 1920 (Engineering and Mining Journal, 1920), and this well may be the one being drilled in figure 8, but no further information is available.

The presence of oil and tarry or solid bitumen in outcrop has been noted in a number of places in northwestern Nye County. At Bisoni-McKay (secs. 17, 18, and 19, T14N, R52E), solid bitumen veinlets in siliceous limestone of the Devonian Woodruff Formation were reported by Poole and Claypool (1984). They also reported oil-filled fossil cavities in the Mississippian Chainman Shale in four localities: Duckwater Hills (sec. 21, T13N, R56E; Youngquist, 1949, p. 277), Sand Spring (sec. 32, T12N, R55E), Andrews Spring (sec. 26, T9N, R58E), and Forest Home Creek (sec. 17, T6N, R59E). In addition, minor oil staining was observed by Bortz (1985) in limestone of the Tertiary Sheep Pass Formation in the Grant Range east of the Eagle Springs field (sec. 26?, T9N, R58E).

Diana's Punch Bowl (sec. 22, T14N, R47E), a warm spring in north-central Nye County, has been suggested

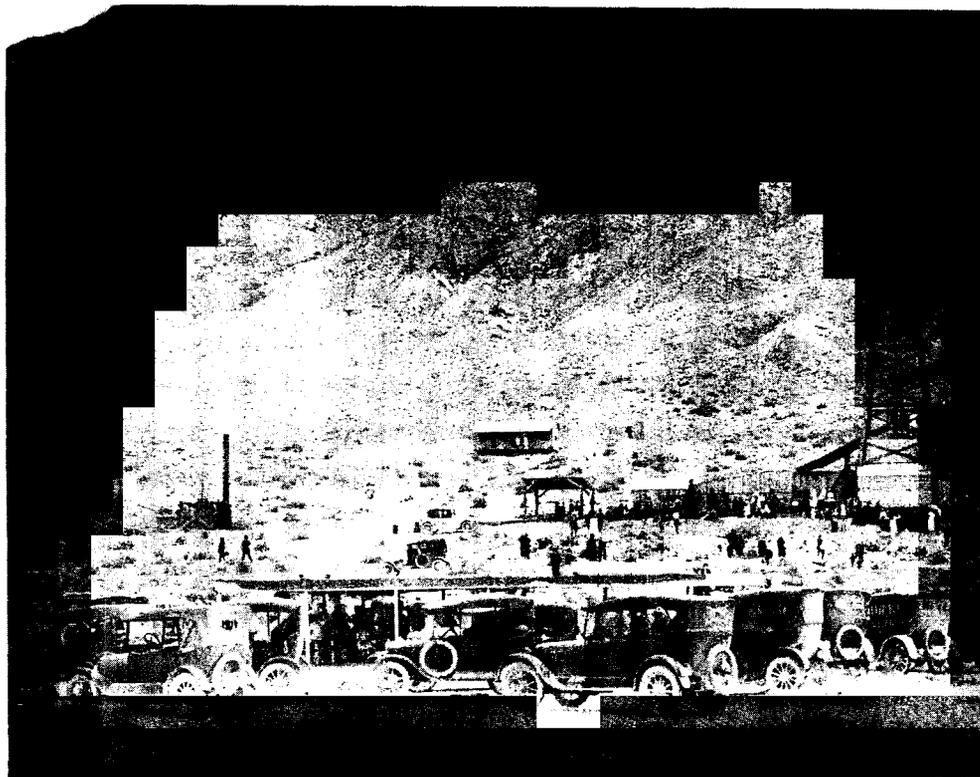


FIGURE 8.—Oil exploration in Nye County during the 1920's; exact location unknown. Nevada Historical Society photo.