

Completed: Aug. 15, 1979

Status: P & A

Depth: 11,926 ft

Tops (from PI):

1,800(?) ft	Pliocene Hay Ranch Fm.
3,100 ft	Miocene Humboldt Fm.
5,202 ft	Oligocene Indian Well Fm.
9,070 ft	Eocene Elko Fm.

Logs:

Lithologic	9,540-11,924 ft
DM	1,106-9,198 ft
FIL	1,106-9,198 ft
Directional	1,106-9,198 ft
DIL	1,106-11,920 ft
CNL/FDC	4,600-11,920 ft
BHCS	1,106-11,914 ft

Samples:

Cuttings 0-11,920 ft

Remarks: Biostratigraphic well analysis available at NBMG. DST at 8,385-8,457 ft had a gas and oil show. Indian Well Fm. (Oligocene) present at 5,400-5,500 ft, Elko Fm. (Eocene) present at 9,150-9,500 ft, Paleocene at 10,770-10,780 ft, Newark Canyon Fm. (?) (Cretaceous) at 10,800 ft.

### WEXPRO CO.

Jiggs No. 10-1

API no.: 27-007-05217

Permit no.: 263

Location: SE $\frac{1}{4}$ SE $\frac{1}{4}$  sec. 10, T29N, R55E

660 ft from south line, 660 ft from east line

Elevation: 5,557 ft

Completed: June 26, 1980

Status: P & A

Depth: 10,950 ft

Tops:

Surface	Quaternary alluvium
2,102 ft	Miocene Humboldt Fm.
5,041 ft	Oligocene Indian Well Fm.
9,053 ft	Eocene Elko Fm.
9,538 ft	Paleozoic

Logs:

BHCS	1,500-10,562 ft
Cyberdip	5,100-10,547 ft
DM	1,533-10,564 ft
CNL/FDC	4,490-10,572 ft
CBL	7,484-10,788 ft
DIL	1,495-10,568 ft
FIL	1,525-10,564 ft

Samples:

Cuttings 1,530-10,950 ft

Remarks: Gas producing intervals reported are: 9,060-9,086 ft, 9,096-9,118 ft, 9,128-9,165 ft, 9,300-9,330 ft, and 9,400-9,420 ft, all in the Elko Fm. DST at 9,395-9,398 ft flowed gas and recovered 558 ft of low pour-point oil. During testing the well flowed 93 MCF of gas; it was considered capable of commercial production but no pipeline facilities were available or anticipated. Oil was also recovered from Mississippian-Pennsylvanian rocks below 10,000 ft (Poole and Claypool, 1984, table 15).

### WEXPRO CO.

Jiggs Unit No. 2

API no.: 27-007-05223

Permit no.: 297

Location: NE $\frac{1}{4}$ SW $\frac{1}{4}$  sec. 23, T29N, R55E

1,746 ft from south line, 2,376 ft from west line

Elevation: 5,535 ft

Completed: Feb. 1, 1981

Status: P & A

Depth: 10,320 ft

Tops:

Surface	Quaternary alluvium
3,400 ft	Pliocene Hay Ranch Fm.
6,020 ft	Oligocene Indian Well Fm.
8,170 ft	Paleozoic

Logs:

DIL	1,564-10,282 ft
BHCS	1,564-10,282 ft
FDC/CNL	1,564-10,285 ft
FIL	1,568-10,238 ft

Samples:

Cuttings 1,600-10,310 ft

Remarks: DST at 9,404-9,452 ft had a gas show.

### WIL-O-EXPLORATION

Farnes No. 1

API no.: 27-007-05237

Permit no.: 434

Location: NW $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$  sec. 7, T39N, R62E

18 ft from north line, 1,816 ft from west line

Elevation: 5,769 ft

Completed: May 15, 1985

Status: TA

Depth: 2,250 ft

Logs:

BHCS(?)	30-1,052 ft
GR(?)	30-1,054 ft
DLL(?)	30-1,052 ft
CNL/FDC/GR(?)	30-1,054 ft

Remarks: Oil shows reported. Originally drilled in search of hot water. Oil shows not confirmed by later reports (Actionline, May 4, 1985). See Texxon Investments Inc., Texxon No. 2.

### WIL-O-EXPLORATION

Farnes No. 2

API no.: 27-007-05239

Permit no.: 447

Location: SE $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$  sec. 7, T39N, R62E

430 ft from north line, 1,582 ft from west line

Elevation: 5,748 ft

Completed: 1985

Status: TA

Depth: 1,074 ft

Logs:

DLL(?)	400-1,016 ft
GR(?)	400-1,018 ft
CNL/GR(?)	400-1,018 ft

### WIL-O-EXPLORATION/TEXXON INVESTMENTS, INC.

Texxon No. 1

API no.: 27-007-05240

Permit no.: 461

Location: NE $\frac{1}{4}$ NW $\frac{1}{4}$  sec. 7, T39N, R62E

254 ft from north line, 1,714 ft from west line

Elevation: 5,769 ft

Completed: 1986

Status: P & A

Depth: 1,240 ft (?)

## ESMERALDA COUNTY

Only six wells are known to have been drilled in Esmeralda County. A well drilled 4 miles south of Coaldale in 1925 encountered flammable gas (probably

## ESMERALDA COUNTY (continued)

biogenic), and there are questionable reports of oil shows from a well in the northern part of the county. Al Waibel (oral commun., 1985) reported methane in some geothermal wells in Fish Lake Valley, approximately T15N, R35E. No other surface or subsurface shows are known.

### Well Data

#### CALIFORNIA EXCELSIOR CO.

##### McNett Ranch No. 1

API no.: 27-009-04003

Permit no.: ES1

Location: sec. 27, T1S, R36E

Elevation: 4,900 ft

Completed: 1920

Status: D & A

Depth: 488 ft

Remarks: This well produced 500 GPM of water in 1957. It probably bottoms in Tertiary sedimentary rocks (Lintz, 1957a).

#### FISH LAKE MERGER OIL CO.

##### No. 1

API no.: 27-009-04002

Permit no.: ES2

Location: center, sec. 34, T1S, R36E

Elevation: 4,200 ft

Completed: Mar. 15, 1923

Status: P & A

Depth: 1,447 ft

Remarks: See Lintz (1957a, p. 41).

#### FISH LAKE OIL CO.

##### Coaldale Well

API no.: 27-009-04001

Permit no.: ES3

Location: sec. 12, T2N, R37E (?)

Completed: June 1925

Status: D & A

Depth: 5,218 ft

Remarks: Several gas pockets were encountered during drilling. This well bottomed in volcanic ash and decomposed granite (Lintz, 1957a, p. 41).

#### MONTE CRISTO OIL CO.

##### Wm. Wright No. 1

API no.: 27-009-05200

Permit no.: 131

Location: NE $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$  sec. 12, T5N, R37E

Elevation: 5,000 ft

Completed: July 21, 1971

Status: P & A

Depth: 4,776 ft

##### Logs:

Cal	450-4,759 ft
DL	1,200-4,770 ft
TS	1,000-4,771 ft
ES	1,300-4,771 ft
Nuclear	3,000-4,775 ft

Remarks: Oil and gas shows reported at 3,002-3,018 ft and 3,562-3,572 ft. Operator later changed to Toiyabe Oil.

## NEVADA OIL & MINERALS, INC.

### V.R.S. No. 1

API no.: 27-009-05201

Permit no.: 146

Location: NW $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$  sec. 16, T1S, R36E

400 ft from north line, 2,240 ft from east line

Elevation: 4,754 ft

Completed: Nov. 25, 1970

Status: P & A

Depth: 9,178 ft

##### Tops:

Surface	valley fill
5,000 ft	volc.

##### Logs:

Mud/lithologic	3,280-9,178 ft
TS	1,500-9,100 ft
ES	536-9,100 ft

##### Samples:

Cuttings	3,270-9,178 ft
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Remarks: Artesian water production at 580-790 ft (2,000 GPM at 1,400 PSI) and 1,150-1,400 ft (estimate of 500 GPM). Bottom-hole temperature 318°F.

## WRIGHT EXPLORATION

### Federal No. 26-1

API no.: 27-009-05202

Permit no.: 238

Location: SW $\frac{1}{4}$ NE $\frac{1}{4}$  sec. 26, T1N, R38E

Elevation: 4,960 ft

Completed: Aug. 13, 1979

Status: P & A

Depth: 5,666 ft

##### Tops:

5,000 ft	volc.(?)
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## EUREKA COUNTY

The Blackburn field (fig. 6) in Pine Valley was the first Nevada oil field discovered outside of Railroad Valley. The discovery generated considerable petroleum exploration interest in Nevada, especially in areas outside of Railroad Valley.

Little exploratory drilling had been done in Eureka County before the discovery of the Blackburn field in 1982, even though Nevada's best-known oil seep, the Bruffey seep, known for over 50 years, is only 4 miles east of the field. Four exploratory wells elsewhere in the county have shows reported.

Surface occurrences of oil or solid bitumen are reported in several localities. The Bruffey oil seep (SE $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$  sec. 11, T27N, R52E) and a nearby hydrocarbon gas seep (NE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$  sec. 14, T27N, R52E) have been most recently described by Foster and others (1979), and the nearby (sec. 29?, T27N, R52E) Mineral Hill seep has been described by Poole and Claypool (1984). Solid bitumen veins in outcrop are known to the northeast in adjacent Elko County. Oil or tarry or solid bitumen occurrences in outcrop are known in Vinini Creek (secs. 9 and 17, T23N, R51E; Poole and Claypool, 1984), Eureka Canyon (sec. 36, T19N, R53E; Merriam and Anderson, 1942), Newark Canyon (approx sec. 13, T19N, R54E), and the Gibellini and Bioni vanadium property (sec. 34, T16N, R52E; Desborough and others, 1979).