



GEOLOGIC COMPLETION REPORT

OROCO OIL AND GAS COMPANY

FIELD: Wildcat, Malhuer County, Oregon

PROPERTY: Mc Bride Lease

WELL NUMBER: Oroco Oil and Gas Company
McBride # 1

LOCATION: 1419 W/E line, 1566 N/S Line,
Section 19, Township 16 South,
Range 46 East, Malhuer County,
Oregon

ELEVATION: 2840 Kelly Bushing

CONTRACTOR: Oro Drill Company

SFUD DATE: November 29, 1956

DATE DRILLING
COMPLETED: January 12, 1957

TOTAL DEPTH: 4506 E.S.

DATE P & A: January 14, 1957

CASING: 10 3/4", 146' @ 156' w/125 sx reg.
cement.

PLUGS: # 1-3920-3880 w/40 sx reg.
2-1960-1810 w/60 sx reg.
3- 500- 450 w/20 sx reg.

Remainder of hole left open for
water well.

SCANNED

K. M. Hebertson

February 4, 1957

W. G. Park

Geological & Reservoir Engin.
Salt Lake Division

RE: Petrography of McBride # 1
Section 19, Township 17 South,
Range 46 East, Malheur County, Oregon
Core # 2, 4399 to 4415'

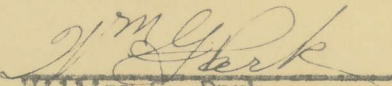
Three (3) petrographic slides were made from the interval 4399' to 4415' in the McBride # 1. The primary constituents seen classify the cored interval as an Igneous extrusive rock. Structural deformation after extrusion of the lava leaves the rock fractured, sheared, altered, and impregnated by hydro-thermal deposition zeolites and secondary deposition of calcite.

According to the character of the porphyritic-andesite and the literature of the general area, below the cored interval should be Igneous flows and highly metamorphosed rocks of a complex nature.

CONCLUSIONS

1. Rock type: Porphyritic-andesite of a deformed and altered nature containing:

Plagioclase (Andesine)	- phenocrysts & groundmass
Glass (Volcanic)	- shards, globs, & de-vitrified
Mafics	- amphibole (?)
Zeolite (Scolecite)	- hydro-thermal deposits in fractures after deformation.
Calcite	- secondary
2. Below 4415 feet in the McBride # 1 should be Igneous rocks and highly metamorphosed rocks of a complex nature.
3. No oil or gas should be found below 4415 feet in the McBride # 1.



William G. Park
Geologist

WGP/ws