H. K. Piddle &
Operator Grove Oil & Gas Company
Well No. Kiesel #1
Location 525' E. W. L. 1110'S NL of SE1/4 SE1/4
Elevation above sea level 2177' feet
All depth measurements taken from top of Ground 1,
In compliance with the rules and regulations pursuant to ORS 520 (Chapter 667 OL 1953) the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date 5-10-56
Signed John W. Sullivan
J. R. Ward, Geologist Ray Wadley
Title Secretary
Engineer or Geologist Superintendent

Commenced drilling 10-5-54
Completed drilling 10-28-55
Drilling tools Rotary
Total depth 5137'
Plugged depth 5115'

GEOLOGICAL MARKERS
- Idaho Fm. 0-4500'
- Grassy Mt basalt 4500-5137'

Commenced producing None
Date Flowing/gas lift/pumping (cross out unnecessary words)

Clean oil bbl. per day
Gravity
Percent water including emulsion
Gas Mcf. per day
Tubing Pressure
Casing Pressure

Initial production
Production after 30 days

CASING RECORD (Present Hole)
Size of casing (A.F.L.) Depth of shoe Top of casing Weight of casing New or second hand Seamless or Lapweld Grade of casing Size of hole drilled No. of sacks of cement Depth of cementing if through perforations

12" 130' G.L. 15# New Seamless 1 18" 122 sacks
7" 170' G.L. 20# New Seamless 1 9" 350 sacks
4 1/2" 5115' G.L. 9,5# New Seamless 1 9" 100 sacks

PERFORATIONS
Size of casing From To Size of perforations Number of rows Distance between centers Method of perforations

7" 140' 1951 3/8" 6 12" Gun - 4 shots per Ft.
1925 1925 " 1 "
1930 1930 " 5 12" "
1935 1935 1935 5 12" "
1160 1172 1160 6 12" "
924 930 924 6 12" "
5042 5050 5042 5050 5042-50 5012-18 39 12" " 2 shots per Ft.

Electrical log Depths 5107' (Attach Copy of Log)