

Verne Pafmen Ranch  
Old Wheeler Place.

289  
12/16/47  
P. 12133

SE 1/4- SW 1/4 Sec 10 T37N-R25E, Washoe county, Gerlach, Nevada.  
Static level 8', Temp, 60 Deg F, Located 50' N of ranch house.  
8" Drilled hole, Run 6" Std pipe 20# per foot. Electric arc welded.  
Gravel packed on the outside of casing, washed and flushed.  
Begin Oct II, Finished Oct 12, 1947. Lic. No. 15.  
Driller, Warren W. Overholser, Gerlach, Nevada.

- 0'- 10' sandy gravel.
- 10'- 20' yellow clay and sand.
- 20'- 30' black clay, water strata.
- 30'- 40' black sand, yellow clay, small gravel.
- 40'- 50' yellow clay, sand and small gravel.
- 50'- 60' yellow clay, and fine sand,
- 60'- 70' soft yellow clay.
- 70'- 80' " " " sand and small gravel.
- 80'- 90' soft rusty clay.
- 90'- 110' small stratas of clay, pea sized gravel.
- 110'-115' Coarse gravel and sand. water strata.
- 115'- 122' Gravel stratas, soft brown to yellow clays, water.

Ran in 123' of 6" std pipe to bottom, Perforated 1/4"x 8" slots  
28 perforations from 119' to 122'. Hole outside of pipe was gravel  
packed and washed and flushed completely, cleaned and tested, pumped  
65gpm from 17'6" and after two hrs pumping, water gained on pump  
to 12'. Next morning level was 8'.

Owner wanted to run a test hole on down to 150'.

- 122'-133' Small stratas of yellow, pink, lt green clays.
  - 133'-140' Small clay stratas, water gravel stratas 2' thick.
  - 140'-145' Very hard cemented gravel stratas
  - 145'-150' Gravel and soft stratas of pink clay.9 (small)
- Welded on braces on casing 2' below surface.

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November 22, 1947. Owner wanted to try for an artesian in this well.  
Moved from well #2 - artesian, set up over hole, mixed mud, ran in  
rods to 1508

- 150'-160' pink clay and gravel.
- 160'-168' pink clay and gravel.
- 168'-170' pink clay.
- 170'-180' " " and gravel
- 180'-206' White clay, (artesian Hot water Indications).
- 206'-210' small stratas, pink, green and white clays.
- 210'-213' pink clay.
- 213'-230' " " and gravel.
- 230'-246' pink clay, sand and gravel.
- 246'-248' hard pink and dark green clays.
- 248'-272' Cemented gravel, very hard white Quartz mixed, afraid of  
breaking through into a-grave- an artesian flow, going after 4" std  
pipe to cement in before going down any further,.

Dec 8, 1947 pipe lost by RR co. enroute, circulated mud for 2-1/2 hrs  
pulled rods, ran in 272' 8" of 4" std Pipe, 10.78# per foot, with  
extra heavy couplings, one coupling with saw tooth as a cutting shoe.

Welded all collars top and bottom with spot excepting one so that in case no artesian were developed the casing could be unscrewed 14' inside the gravel packed casing. Thereby giving more water to his present well.

Dumped two thirty foot bailer buckets of cement in the bottom of hole then let casing down into cement, and let set overnight,.

Ran in bit, and two lengths of drill pipe, and slips didnot hold on account of ice on fods, they dropped through to the bottom, ran in 240' Of rods with fishing tap, was succesful the first fish.

Ran in 230' of drill fods and started drilling out cement plug 272' went out of casing into new ground.

- 272'-280' Very hard cemented gravel, white Quartz mixed.
- 280'-295' " " " " " "
- 295'-300' Brown and pink clay.
- 300'-320' white hot water clays.
- 320'-330' 2" to 3" stratas of rust brown and grey clays, with quartz
- 330'-340' white grey clays, white quartz sands. water strata. sand.
- 340'-400' Rusty brown ckays, white quartz, loss of mud, water strata.
- 400'-410' brown cemented sands, hard.
- 410'-430' White and grey clay, loss of mud, water strata.
- 430'-440' White cementeddquartz, or solid strata.
- 440'-450' alternate white and brown clay stratas, small ones.
- 450'-460' brown clay, and Quartz sands, water strata.
- 460'-490' " " " " " "

DecII, pumped 65 gpm from 4" casing with 15' drawdown bailed sands and water raised to within 4' of the land surface, or 5' from the top of the pipe. Intend using the air compressor the first of the year on it to bring in a good flow.

*Agreed Dec 13, 1947  
Warren W. Overholser.*

