

COMPANY A.S. WADDELL et. al. STATE ARIZ.  
WELL NO. 1 FARM COCHISE COUNTY

1 M<sup>c</sup> COMB COCHISE  
35 24E COMMENTED 5/15/47  
COMPLETED

REMARKS  
Csg - 12 1/2" @ 600';  
8 7/8" @ 1202';  
7" @ 2027';  
4172' (alt.) SW SW SE  
4205' d.f. Hemenway, Dec. '49

100 Cable Tools to 2385'  
Rotary Tools 2385' to TD.

100 Tan to gray loose Arkosic Sd, fine to coarse gr.

100 Blue gray clay w/ incl. rdd. qtz. gr.

100 Gray loose arkosic Sd. fine gr. Ang. to sub rounded.

100 Gray muddy loose Sand

100 Gray loose arkosic Sand, w/ chert, pyrite

100 Gray grn. clay in part sdy.

100 Gray clay, consolidated in part, w/ incl. Sd. gr.

100 Spls. msg.

100 Gray clay w/ lime stringers

100 Gray clay w/ incl. qtz. gr.

100 L 12 1/2" Gray Sd w/ clay cement

100 Gray loose arkosic Sand, fine to pebble size

100 Gray to tan loose Gravel, mainly qtz.

100 Gray, fine to med qtz. Sd becoming arkosic

100 v. fine to coarse loose Sand Ang. to sub rounded.

100 Gray to pink Clay

100 tan to brown fine v. loose Sd w/ gray clay cement

100 Dk. red brown Arkosic high % of Granitic material

100 Same w/ limestone pebbles clay cementing

100 L 8 9/16" Dk. red brown to purplish Granitic Sand, loose

100 Spls. msg.

100 Dk. red brown granitic Sand, loose, fine to coarse

100 L 7" Same but becoming lighter w/ gray cast

100 Composed mainly of quartzite, feldspar, w/ minor amounts of clay, ls. pebbles, igneous Rck.

100 Dk. purple brown quartzitic Ang. fragments, med to coarse gr. Somewhat arkosic & w/ red brown clay & shale in small amounts

100 Appears to be reworked older sediments w/ abundant secondary Cu mineralization

100 Dk. blue gray calc. Quartzite fragments

100 Dk. gray reworked Quartzitic mat. & some arkosic mat. & w/ red brown shale & clay. Abundant secondary Cu minerals. Asphaltic globules

100 Spls. msg.

100 Gray Quartzitic Sand w/ loose Sand in Asphaltic globules

100 Reworked older rock, chiefly Quartzite w/ arkosic material, some red brown clay

100 Same as above w/ Asphaltic globules

100 ~~Some Arkosic~~ Arkosic Sd, fine to coarse, tan to dk. yellow brown color, from limestone

100 Arkosic Sd, sand w/ thin black carbonaceous & graphitic shale

100 Black graphitic shale w/ thin seams of Arkosic Sd, congl.

100 Dk. brown v. fine Sd. Arkosic material. Dk. purplish brown v. fine Sd.

100 Same as above becoming coarser gr., higher porosity

100 Same v. fine gr. w/ variegated colors, gray, purplish brown & cream.

100 Black carbonaceous shale

100 Dk. gray to black & grn. v. fine gr. Quartzitic Sd. w/ thin bl. carbon shale

100 Dk. gray to black v. fine gr. Sd. Argillac.

100 Dk. gray to black Arenac. shale, calc. in part.

100 Dk. gray grn. v. fine Sd. Argillac.

100 Dk. gray to black Arenac. Sd. calc. in part.

100 w/ thin fine gr. lt. Sd.

100 Dk. gray to black highly calc. shale

100 becoming Argill. limestone

100 Green fine gr. Sd.

100 Black Argill. ls.

100 Lt. to dk. var. Sd., fine gr.

100 Lt. gray calc. Sd., fine gr.

100 Dk. fine gr. Sd., Argill. abundant limonite

100 Dk. gray Sdy. ls.

100 Dk. red brown Arkosic Sd., congl.

100 Purple brown Arkosic Sd. w/ calc. streaks

100 Cream fine gr. loose Sand

100 Dk. gray to purplish. Sdy. dol.

100 w/ thin beams of Gray w/ purple mottling, bentonite or tuffid.

100 Dk. red brown Sdy. shale w/ thin tan fine gr. Sd., loose.

100 Cu. minerals

100 Dk. green fine gr. Sd., Arkosic & finely congl. w/ red brown mottling (colvite, epidote, chert minerals)

100 TD 6865'