## Colodki)

#35

1551-62

No recovery

## CLATSKANINE TEXACO WELL

617 Feet north and 1274 feet west of  $E_4^1$  corner, sec. 36, T. 7 N., R. 4 W. Elevation, 271'. Measurements from Kelley Bushing, 286.7'.

#1	628-638	Rec. 5	Medium gray micaceous carbonaceous medium to fine-grained sandstone.
#2	638-48	Rec. 91/2	Same lithology.
#3	648-58	Rec. 9'	About same. Dip about 10°.
#4	730-740	Rec. 81	Basaltic, breccia-zeolitic.
#5	740-750	Rec. 4'	Brownish color, largely breccia with some sandy material.
 <i>-</i> #6	750-60	Rec. 2	Med. gray shale or siltstone.
#7	760-70	Rec. 4'	Basaltic breccia-serpentinized claystone.
#8.	778-80	Rec. 211	Basaltic breccia-serpentinized claystone.
#9	1005-1010	Rec. 4"	Basalt-fine grained flow basalt.
#1.0	1143-54	Rec. 8 <sup>tt</sup>	Cut in one hour. Same thing.
#11	1154-55	Rec. 2-3"	Fine-grained basalt.
#12	1227-37	Rec. $2\frac{1}{2}$	Medium gray micaceous carbonaceous fine- grained sandstone.
#13	1237-47	Rec. 2'	Tuffaceous medium gray siltstone and fine grit.
#14	1247-57	Rec. 8'	Brownish gray tuffaceous fine sandstone grading into micaceous carbonaceous siltstone.
<b>#</b> 15	1257-67	Rec. 91	Massive medium gray siltstone tuffaceous. A few slickensides.
#16	1267-77	Rec. 5'	Same stuff. A little more micaceous.
#17 —	1277–87	Rec. 9!	Tuffaceous fine sandstone and siltstone. A Nuculana, medium gray.
#18	1287-97	Rec. 7'	Fine-grained micaceous tuffaceous sandstone. Gritty lenses.
#19	1297-1307	Rec. 7'	Same stuff mostly sandstone and/or siltstone.
		-2-	

#20	1307–1317	Rec. 10'	Tray 1 and 2: Massive gray siltstone, bugs and some mica. Tray 3: Same with a lens of serpentine 4'. Tray 4: Same as.
#21	1317–1326	Rec. 8	3 trays. Buggy (?) micaceous tuffaceous gray siltstone, rather massive. Has big forams. when sheared, chloritic or serpentinous veinlets.
#22	1327–1328	Rec. 101	4 trays. Same peculiar lines, either staining or plant fragments. Some light colored buff fragments. Small Nuculana. Good spiral bug maybe Robulus. Some slickenside and some serpentine.
#23	1338-1349	Rec. 10	Massive siltstone with some phases approaching a sandstone.
#24	1349–60	Rec. 10'	Tuffaceous gray buggy siltstone and grit, almost a fine volcanic breccia.
#25	1360-71	Rec. 6½ *	4 trays. Small fossils as well as bugs. Same lithology. Some slickensides and broken to small pieces.
#26	1371-81	Rec. 4	Micaceous darker gray slickensided siltstone. Small folding and Nuculana.
#27	1381-91	Rec. $1\frac{1}{2}$	l tray. Slickensided gray micaceous. Little bedding.
#28	1391-1401	Rec. 12*	5 trays. Darker gray sheared micaceous tuffaceous siltstone. Some grit in tray 4 and 5.
#29	1401-1411	Rec. 1½'	l tray. Tuff grit fine to course grit.
#30			
#31	1421-1427	Rec. 3	Dark gray tuff, gritty sandstone.
#32	1427–38	Rec. 2	2 trays. Basic tuffaceous, almost basalt.
#33	1438-49	Rec. $6\frac{1}{2}$	Tuff gritty siltstone. Tuff gritty gray siltstone. Some micas. 3 trays all about the same.
#34	1540–57	Rec. 9	4 trays. Gray siltstone and grit with poor sorting. May be contemporaneous volcanism.

#36	1562-1573	Rec. 10'	Tuffaceous gray siltstonegray massive
#37	1573-1584	Rec. $6\frac{1}{2}$	and slickensided.  Gray slightly micaceous tuffaceous siltstone.
#38	1684-96	Rec. 11	Micaceous darker gray fine tuff dirty muddy sandstone. Some slickenside. Badly slickensided. Upper part of sample (lower in section) is same color siltstone.
#39	1696-1708	Rec. 9	Dark gray siltstone. Breaks with angular blocky fracture. Lenses of basaltic grit in the bottom.
#40	1708-1720	Rec. 4	Brittle siltstone-basic tuffaceous silt- stone or fine sandstone and minute flakes of mica.
#41 #42	1820-1830 1830-1840	Rec. 3 or $3\frac{1}{2}$ .  Rec. $2\frac{1}{2}$ .	Serpentinized slickensided basalt flow or flow breccia.  Serpentinized flow breccia, fine grained
#43	1874-89	Rec. 2	black basalt with zeolites.  Zeolitized amygdaloidal black basaltic flow breccia. 1889 Bit sample, ropy lava.
#44	1979-89	Rec. 9	Basic basaltic grit, serpentinized.
#45 #46	1989–2001 2001–13	Rec. 3'	Tuffaceous grit.  Medium textured grit with some rounded small pebbles, some calcite veinlets-dark
#47	2013–25	Rec. 3	colored. Same lithology.
#48	2025–37	Rec. 8'	Gritty tuffaceous sands tone with some calcite veinlets.
450	2037 <b></b> 61 204461	Practically no :	(Sample from outer barrel after missing recovery on #49-50.) Dark gray sandstone, tuffaceous and coarse with some small pieces of tuffaceous grit.  recovery Basaltic dark gray sandstone.
#50 #51	2124–36	Rec. 7 <sup>t</sup>	Medium gray sandstone with mica and some calcareous veinlets. Some gritty lenses near the bottom.
<i>#</i> 52	2159-2170	Rec. 3	Core burned blue flame 6" high one second.  Quartzose micaceous calcareous sandstone— friable.
			-4-
#53	2340–2352	Rec. $1\frac{1}{2}$	Friable light colored quartzose micaceous.
#54	2352-2354	Rec. 1	Permeable?  Heavy mica hard light gray siltstone. Looks like a core through a calcareous concretion.
#55	2450–62	Rec. 8t	Steel gray, slickensided. Serpentine?  Brownish gray tuffaceous basaltic sandstone.
#56 #5 <b>7</b>	2462 <b>–7</b> 4 2510–2514	Rec. 5 <sup>†</sup>	Dark gray predominantly brownish gray sand- stone.  Medium dark gray slickensided and calcite
#57 #58	2622-34	Rec. 4'	Medium dark gray slickensided and calcite veined basaltic siltstone.  No. burn. medium light gray rather friable
<i>#5</i> 9	2634–45	Rec. 8	tuffaceous and quartzose (arkosic) sandstone. Medium grained in lower part and has darker thin lining, perhaps of organic material plus small flakes of coal.  Same, dip 25 degrees.
#60	2645-56	Rec. 10'	Medium grained sandstone. Medium to light gray in color-friable. Tuffaceous and quartzose with some organic matter. Inclined
#61	2656–67	Rec. $10\frac{1}{2}$	to be massive.  Slight burn. Black to dark gray-highly
#62	2690–2698	Rec. 3	carbonaceous siltstone-fine mica, coaly seams and very high in carbon. Dip about 25°  Medium gray micaceous quartzose slightly
#63	2698-2710	Rec. 12'	tuffaceous medium grained sandstone.  Gritty and highly tuffaceous, slickensided, interbedded medium gray sandstone and tuffa-
#64	2805–2817		ceous grit. Friable and broken up.  Friable medium gray and medium grained sand- stone with darker carbonaceous seams.
#65	2817–27	Rec. 7	Ditto- Dip about 150 and gritty tuffaceous streaks.
#66 #67	2827-39 2954-2966	Rec. 5½¹	About the same.  Interbedded medium gray sandstone and silt- stone with slickensided tuffaceous grit. Very fine tuffaceous grit. Darker crumpled small scale deformation showing on lighter gray sand-
		-5	stone background.
#68	2966–78	Rec. 4	Crumbly fine medium gray to dark gray micaceous tuffaceous sandstone. Dip about
#69	2995-99	Rec. 3½¹	20° where shown.  Carbonaceous micaceous gray slickensided
<b>#7</b> 0	3132-43	Rec. 9'	silt and sandstone. Mottled color as if mollusk bored when soft.  Very dark basaltic grit-fine textured,
<i>#7</i> 1	3143-50	Rec. 6½¹	slickensided massive and homogeneous. Perhaps fine brecciazeolitized.  Nearly horizontal basaltic zeolitized grit
#72	3385–95	Rec. 9'	grading down into bedded tuffaceous sandstone. Dark gray. Some may be a siltstone.  Basaltic siltstone, slickensided and serpentin-
#73	3395-3401	Rec. 6½	ized.  Slickensided dark gray basaltic fine grit and
#74	3804-3816	Rec. 11'	finer sandstone and calcite seams.  One core 3 feet unbroken dark gray basaltic breccia. Slickensided with calcite in places.
<b>#7</b> 5	4336–4348	Rec. 3'	Nearly same. Slickensided zeolitic serpentin- ized, basaltic tuff. Poorly sorted. Makes good cores - has calcareous seams.
#76	4540-50	Rec. 921	Massive fine-grained dark gray tuffaceous sandstone. Calcite seams, brittle-grades into siltstone.
#77 #78	4760-72 4772-84	Rec. 4'	Nearly black slickensided zeolitic basalt.  Black glassy serpentinized basalt.
#79	4858-70	Rec. 12'	Dark gray basaltic siltstone. Bottom part breaks off in platy disks. Serpentinizes where
#80	4870-82	Rec. 10'	each disc spins on each other when cored. Zeolitic, could almost be a straight basalt.  Same stuff. Broke into small discs. Harder parts look like an actual basalt or basaltic tuff.
#81 #82	48 <b>82-87</b> 48 <b>87-9</b> 9	Rec. 3'	Zeolitic dark gray tuff.  Makes good cores. Zeolitic fine grained basalt,
#83	5114-26	Rec. 6'	serpentinized and slickensided. Black shiny augite phenocrysts.  Micaceous medium gray arkosic sandstone with
<b></b>	)	-6-	calcareous seams.
#84	5126–38	Rec. 5 <sup>†</sup>	Same stuff. Massive medium gray in color and medium grained sandstone, micaceous and
#85	5138-44	Rec. 7'	carbonaceous.  Interbedded hard brittle tuffaceous siltstone and same kind of sandstone.
#8 <b>6</b>	5144-56	Rec. 9'	About same interbedded series. Dip of about 30°, tuffaceous silt badly slickensided.
#87	5275-87	Rec. 10'	Very serpentinized and slickensided dark gray basaltic tuff. Brittle.
#88 #89	5287- <del>99</del> 5441-5 <b>45</b> 4	Rec. 8'	Same stuff. Badly slickensided.  Basaltic grit serpentinized grading into a less tuffaceous sandstone with calcite seams. Calcite veinlets.
#90 #91	5454-61 5551-63	Rec. $4\frac{1}{2}$ <sup>t</sup>	Medium gray tuffaceous sandstone. Slickensided.  Dark gray basaltic siltstone badly slickensided.
#92 #93	5563-64 5564-76	Not recovered Rec. 3	Same stuff.
#93 #94	5576-84	Rec. 4'	Pressure on barrel- Would not burn. Crumbly tuff, basal, or fine breccia.
#95	5584-92	Rec. 4	Dark gray slickensided tuffaceous siltstone or tuff.
#96 #97	5592-5604 5604-15	Rec. 5'	Nearly same, probably best called a siltstone.  Slickensided dark gray siltstone. Same #tuff.
#9 <b>8</b> #99	5615-21 5621-33	Rec.(3' in bit E.	C.) Nearly black fine textured siltstone.  Slickensided dark gray siltstone. A little
	5633-44	Rec. 5'	mica and calcite veinlets.  Tuffaceous breccia or grit. Dark gray slickensided and serpentinized. Almost a breccia in parts.
#101	5644-50 TD	Rec. 41	Dark gray slickensided siltstone.
		Finish	