

- WELL LOG -

Reynolds Well, S.29, T. 13 S., R. 37 E., Lea County, N.M.

Spudded May 1, 1928. El. 3975, Aneroid.

Casing Record: 24", 170.10-20", 207.9-15½", 1059.1-10",
1648.2-8" 2255.

3	ft. Soft	1640	Red Sand
29	Caliche Lime	1650	Red Rock & Gyp
34	White Sand	1750	Red Rock
38	Caliche Lime	1760	Gray Sand, Soft
92	Water Sand, Water	1780	Gray Sandy Shale
100	Caliche Lime	1800	Shale, Light Color
160	Sand, Water	1845	Gray Water Sand
180	Clay, Light	1920	Red Rock
190	Red Rock	1930	Red Sand
220	Clay	1935	Red Rock
250	Red Rock	1940	Lime
280	Blue Shale	1960	Red Sand
300	Red Rock	1975	Red Rock
310	Gray Shale	1990	Hard Black Lime
330	Red Rock	2045	Red Sand Soft
360	Gray Sandy Shale	2090	Red Rock
375	Red Rock	2110	Sandy Shale
390	Blue Shale	2140	Red Sandy Shale
402	Brown Shale	2150	Anhydrite & Lime
410	Water Sand, Light Color	2155	Red Sand
430	Red Rock	2170	Red Rock
440	Light Sand-4 b.p.h.	2180	Hard Gray Lime
490	Red Rock	2185	Red Shale, Soft
530	Blue Shale	2190	Anhydrite & Lime, Soft
540	White Water Sand	2195	Anhydrite & Lime & Red, Hard.
560	Red Rock	2205	Red Rock
570	Gray Lime	2225	Anhydrite & Gyp
595	Red Rock	2237	Red Rock
602	White Lime	2250	Anhydrite & Gyp & Red Rock
610	Blue Shale	2270	Hard Gray Lime
640	Red Rock	2305	Lime and Anhydrite Hard
750	Red Rock	2310	Red Rock-Top Salt
760	Gray Sand-4, b.w.p.h.	3100	Salt, occasional Anhyd. & Red
770	White Shale	3115	Red Rock
780	Blue Shale	3200	Anhydrite with Salt
815	Red Rock	3240	Red Rock with Anhyd. Shells
825	Red Rock	3250	Red Rock
840	Blue Shale	3355	Red Rock & Anhydrite breaks
845	Blue Mud	3400	Red Rock and Anhydrite
870	Red Rock	3455	Anhydrite
875	Gray Lime	3460	Red Rock
900	Red Rock	3465	Anhydrite-caving
904	Dark Lime	3495	Anhydrite
925	Light Sand	3815	Anhydrite
948	Red Rock	3825	Red Rock
962	Gray Sand, Hole full water	3875	Anhydrite
1018	Red Rock	3900	Red Rock, Salt in the Reds
1025	Broken Lime	3950	Anhydrite
1045	Red Rock	4055	Anhydrite
1075	Gray Sand, Water	4080	Anhydrite, Red Beds, Lime Shell, possibly 4 ft.
1160	Red Rock		
1170	Gyp and Red Rock	4190	Anhydrite, with Red Rockshells, and Salt
1526	Red Rock & Gyp.		
1536	Gyp & Red Rock	5220	Anhydrite.

Keyhole Well - 2.29 T.132. 2.37M.

(Continued)

4230	Red Rock
4250	Red Rock-irony with little Anhydrite
4260	Anhydrite
4270	Anhydrite & Red Rock
4280	Anhydrite with short nodules
4300	Anhydrite & Red Rock
4320	Sand-Red
4340	Sand-Red
4360	Thin Shell-Iron Particles in Sand above lime
4380	Sand, Red
4400	Brown Shale with Anhydrite
4420	Anhydrite
4440	Anhydrite and Brown Shale
4460	Anhydrite, small brown lime show on side test
4480	Anhydrite
4500	Anhydrite and brown shale
4520	Anhydrite and brown shale
4540	Anhydrite and brown shale
4560	Brown Sand-Lime
4580	Lime
4600	Sand-Lime in color
4620	Sand & Lime Shells
4640	Gray Hard Lime
4660	Gray Hard Lime
4680	Gray Hard Lime
4700	Gray Hard Lime.

Reynolds Well - S.29 T.13S., R.37E.

(Continued)

4230	Red Rock
4250	Red Rock-Muddy with little Anhydrite
4255	Anhydrite
4270	Anhydrite & Red Rock
4275	Anhydrite with Chert Modules
4350	Anhydrite & Red Rock
4390	Sand-Red
4395	Sand-Red
4398	Lime Shell-Iron Pyrites in Sand above Lime
4430	Sand, Red
4450	Brown Shale with Anhydrite
4510	Anhydrite
4550	Anhydrite and Brown Shale
4575	Anhydrite, small show lime show on acid test
4600	Anhydrite
4635	Anhydrite and brown shale
4640	Anhydrite and brown shale
4700	Anhydrite and brown shale
4745	Brown Sand-Fine
4750	Lime
4760	Sand-Light in color
4770	Sand & Lime Shells
4790	Gray Hard Lime
4945	Gray Hard Lime
5060	Gray Hard Lime
5230	Gray Hard Lime.

Reynolds Well - 2.22 T.132, 2.27N.

(Continued)

Red Rock	4250
Red Rock-irony with little Anhydrite	4250
Anhydrite	4250
Anhydrite & Red Rock	4250
Anhydrite with short nodules	4250
Anhydrite & Red Rock	4250
Sand-Red	4250
Sand-Red	4250
Thin Shell-Iron Pyrites in Sand above line	4250
Sand, Red	4250
Brown Shale with Anhydrite	4250
Anhydrite	4250
Anhydrite and Brown Shale	4250
Anhydrite, small snow lime show on cold test	4250
Anhydrite	4250
Anhydrite and brown shale	4250
Anhydrite and brown shale	4250
Anhydrite and brown shale	4250
Brown Sand-Lime	4250
Lime	4250
Sand-Light in color	4250
Sand & Lime Shells	4250
Gray Hard Lime	4250
Gray Hard Lime	4250
Gray Hard Lime	4250
Gray Hard Lime	4250
Gray Hard Lime	4250