

- 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",
1642.3-8", 2255.

3 ft. Soil		
29	Caliche Lime	1640 Red Sand
34	White Sand	1650 Red Rock & Gyp
38	Caliche Lime	1750 Red Rock
92	Water Sand, Water	1760 Gray Sand, Soft
100	Caliche Lime	1780 Gray Sandy Shale
160	Sand, Water	1800 Shale, Light Color
180	Clay, Light	1845 Gray Water Sand
190	Red Rock	1920 Red Rock
220	Clay	1930 Red Sand
250	Red Rock	1935 Red Rock
280	Blue Shale	1940 Lime
300	Red Rock	1960 Red Sand
310	Gray Shale	1975 Red Rock
330	Red Rock	1990 Hard Black Lime
360	Gray Sandy Shale	2045 Red Sand Soft
375	Red Rock	2090 Red Rock
390	Blue Shale	2110 Sandy Shale
402	Brown Shale	2140 Red Sandy Shale
410	Water Sand, Light Color	2150 Anhydrite & Lime
430	Red Rock	2155 Red Sand
440	Light Sand-4 b.p.h.	2170 Red Rock
490	Red Rock	2180 Hard Gray Lime
530	Blue Shale	2185 Red Shale, Soft
540	White Water Sand	2190 Anhydrite & Lime, Soft
560	Red Rock	2195 Anhydrite & Lime & Red, Hard
570	Gray Lime	2205 Red Rock
595	Red Rock	2225 Anhydrite & Gyp
602	White lime	2237 Red Rock
610	Blue Shale	2250 Anhydrite & Gyp & Red Rock
640	Red Rock	2270 Hard Gray Lime
750	Red Rock	2305 Lime and Anhydrite Hard
760	Gray Sand-4, b.w.p.h.	2310 Red Rock-Top Salt
770	White Shale	3199 Salt, occasional Anhyd.& Red
780	Blue Shale	3115 Red Rock
815	Red Rock	3200 Anhydrite with Salt
825	Red Rock	3240 Red Rock with Anhyd. Shells
840	Blue Shale	3250 Red Rock
845	Blue Mud	3355 Red Rock & Anhydrite breaks
870	Red Rock	3400 Red Rock and Anhydrite
875	Gray Lime	3455 Anhydrite
900	Red Rock	3460 Red Rock
904	Dark Lime	3465 Anhydrite-caving
925	Light Sand	3495 Anhydrite
948	Red Rock	3815 Anhydrite
962	Gray Sand, Hole full water	3825 Red Rock
1018	Red Rock	3875 Anhydrite
1025	Broken Lime	3900 Red Rock, Salt in the Reds
1045	Red Rock	3950 Anhydrite
1075	Gray Sand, Water	4055 Anhydrite
1160	Red Rock	4080 Anhydrite, Red Beds, Lime Shell possibly 4 ft.
1170	Gyp and Red Rock	4190 Anhydrite, with Red Rockshells, and Salt
1526	Red Rock & Gyp.	4220 Anhydrite
1535	Gyp & Red Rock	

[illegible]

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

(Continued)

4230 Red Rock
4250 Red Rock-Buddy with little Anhydrite
4255 Anhydrite
4270 Anhydrite & Red Rock
4275 Anhydrite with Chert Nodules
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.

..ATL 201.2 23.. - 11s 2010/2011