

WELL LOG

Operator Harry C. Long, Operator Field Valencia County, New Mexico CH
 Well No. "Delios" 1 Sec. 32, T. 7N, R. 1E, N.M. P.M.B.&M.
 Location: SE/4 NE/4 (Exact location not known)
 Commenced drilling deepening April 11, 1952 Elev. of ground above sea level Not known Ft.
 Completed Drilling May 6, 1952 All depth measurements taken from top of
 _____ which is _____ ft. above ground.

Condition of well as of: May 6, 1952
10-3/4" casing cemented 191'
Total depth 6091'

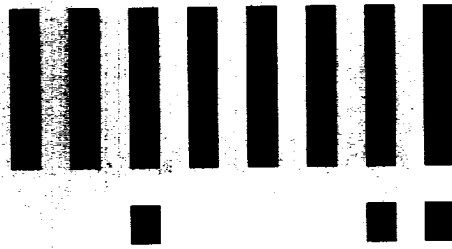
In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date

Signed

Alex J. Diepenbroek, Engineer

Date	Bottom of Formation	DESCRIPTION
April 1, 1952	191	Well taken over from Sunol Co. with 11-3/4" casing standing cemented at 191'
	191	Repaired and rigged up rotary tools
11		Ran drill pipe and located top of cement in surface casing at 170'. Tested S.O.P. equipment
12		Drilled out cement 170 - 225. Began drilling 9-7/8" hole
	576	Sand and gravel
13	1047	Sand and gravel with streaks of lava
		Changed bit No. 2 at 600'. Pulled bit No. 2
14	1425	Sand, shale, streaks of lava. Pulled bit No. 3
	1500	Sand, streaks of lava. Pulled bit No. 1
15	1610	Sand and lava. Registered 100'. Bit No. 2
16	1627	Repaired rig
17	1630	
18	-	Repaired rig 12 hours. Run bit no. 4, conditioned mud 4 hours
	1705	Sand sand
19	2131	Sand and lava. Pulled bit No. 4 at 2006



LTR



Job separation sheet

WELL LOG

Operator Henry C. Long, Operator Field Valencia County, New Mexico MC603
 Well No. "Hollow" Sec. 32, T. 7N, R. 1E, N.M. P.M.B. & M.

Date	Bottom of Formation	DESCRIPTION
April 19, 1912		Lost circulation at 2131'. Bit No. 7
20	2131	Mixed mud to regain circulation
21		Mixed mud for 16 hours. Bit No. 8
	2169	Lava and hard sand. Losing circulation
22		Pulled Bit no. 8. Ran 9.
	2229	Lava and limestone. Circulation good. Ran Bit No. 10
23	2264	Lava. Ran Bit 11
	2348	Sand. Losing circulation
24	2394	Sand and clay. Pulled Bit No. 11
		Hard sand. Lost circulation. Pulled No. 11
	2333	Sand and lava. Re-ran Bit No. 7. 2594 to 2883
25	3323	Hard sand. Bit No. 12 2883 to 3307
26	3529	Sand and shale. Bit No. 13 3307 to 3529. 322 feet
		Losing a little circulation
27	3714	Very hard lime and lava. Re-ran Bit No. 8
	3822	Sand, lava and lime. Pulled Bit No. 8. Made 199' from 3529 to 3828. Lost some circulation
		Ran Bit No. 14 at 3823'
	3945	Sand, lava and lime
28	4177	Sand, lime and lava
	4217	Sand and lime. Pulled Bit No. 14. Made 407' from 3945 to 4205. Ran bit No. 15 at 4205'
		Lost circulation at 4205' and regained
29	4375	Sand and lime. Bit No. 15 4205 - 4375 made 140'
30		Began casing 6-1/2" hole
		Cave No. 1 4375 - 4385 Rec. 9 of 13'
	4381	6' Clay, reddish brown with some blue-green mottling, tough to brittle, massive, silty, faintly micaceous
	4383	2' Sand, reddish brown, very friable, clayey, silty, medium grained, well sorted, fairly well rounded. Poor P & P
		1' Clay as above

ILLEGIBLE