

FORMATION RECORD

From	To	Total Feet	Formation
1608	1698	90	Sand and Shale
1698	1929	231	Shale
1929	2044	115	Shale and sand
2044	2271	27	Shale
2271	2353	82	Shale and sand
2353	2474	121	Shale
2474	2480	6	Shale and sand
2480	2602	122	Shale
2602	2661	59	Shale and sand
2661	2796	135	Shale
2796	2843	47	Shale and sand
2843	2895	52	Shale
2895	2931	36	Shale and Lime
2931	3000	69	Shale, Sand & Lime
3000	3380	380	Sand and shale
3380	3400	20	Sand
3400	3436	36	Lime and sand
3436	3445	9	Lime, Sand & Shale
3445	3487	42	Sand & Shale
3487	3509	22	Lime and Sand
3509	3535	26	Shale, Sand & Lime
3535	3563	28	Sandy Shale
3563	3585	22	Lime and Sand
3585	3594	9	Lime, sand and shale
3594	3647	53	Shale and sand
3647	3653	6	Lime and sand
3653	3662	9	Sand and shale
3662	3672	10	Sand
3672	4317	645	Sand and shale
4317	4398	82	Sand
4398	4438	40	Sand and shale
4438	4541	103	Sand
4541	4871	330	Sand and shale
4871	4908	37	Sand
4908	5042	134	Sand and shale
5042	5060	18	Red Beds
5060	5346	286	Sand and shale
5346	5647	301	Red Beds
5647	5683	36	Sand and shale
5683	5877	194	Red Beds
5877	5884	4	Sand
5884	5893	9	Red Beds
5893	5904	9	Sand and shale
5904	6270	266	Weber Sand

All formations taken from Drilling Reports

Weber sand cored from 5908 to 6270 using diamonds and Oil Base Mud. Complete Core Analysis handled by Core Laboratories Inc.

Special Surveys:

Temperature Survey to determine top of cement behind 7" casing. Top of cement behind casing 3100'.

One run Schlumberger Electrical Survey from 542 to 5904.

Schlumberger formation tops:

Dakota	3418	Entrada	4250	Chinle	5014
Morrison	3484	Carmel	4388	Shinarump	5163
Curtis	4144	Navajo	4436	Moenkopi	5227
				Weber	5873 (-678)

Permanent Bench Mark.

Elevation of 7" landing flange 5181.8

Production after shot 8-4-48 70 BO 24 hours 1% BS&W