

Casing Record  
Size Feet

Company The California Company



Lease Schultz N.P. Well No. 1  
Location 660' North Sec. 19 Twp. 16S Rge 48W  
from South Line - 1000' East from West Line  
Commenced Completed  
Elevation 4250' Tools used C R  
Initial Prod. Bbls Oil  
Bbls Water Cu. Ft. Gas

Remarks: Received from  
California Co. 12-8-30

Log Furnished By  
U. S. G. S.

Bottom	Formation	Bottom	Formation
38	Sand and gravel	1670	Broken sand (Red Beds)
75	Blue shale	1680	Gray sand
276	Brown shale	1707	Red beds
280	Lime, hard	1723	Yellow sand shale, soft
405	Brown shale	1730	Pink shale
602	Gray shale	1742	Red beds
665	Broken lime	1770	White lime
692	Sandy, soft shale	1785	White shale
758	Hard white lime (TIMPAS ?)	1820	Gray shale
769	Gray sand	1830	White shale
798	Sandy shale	1860	White shale, mud
801	Lime	1875	White shale
806	Black shale	1880	Gray limy shale
810	Lime	1900	Broken lime - white
1190	Black lime	1915	Soft gray shale
1270	White sand	1940	Red beds - soft
1380	Broken sand shale		Hard sand, all colors
1385	Brown shale		carrying water filled
1395	White sand	1950	150' per hour
1455	Blue shale	1975	Soft brown sand
1498	Black shale	1983	Brown sand
1510	Hard, gray lime	1987	White shale
1512	Black shale	1992	Red beds, hard
1520	Gray sand and water	2000	Red rock
1525	Black shale	2014	Red sand
1530	Black slate	2030	Red beds - hard
1540	Hard white sand, pyrites	2105	Red beds
	of iron	2115	Hard white lime
1550	Hard dry white sand	2117	White lime
1556	Black shale	2135	Red beds
1566	Sand shale lime hard	2140	White lime
1594	White sand	2245	Red beds
1598	Brown sand	2295	Red beds - hard
1600	Purple shale	2305	Red beds and gypsum
1630	Gray sand	2317	Broken lime and red beds
1636	Hard, sandy lime	2325	Hard lime
1643	Gray sand	2330	Red beds
1652	White sand	2340	Sand
1660	Sandy lime	2345	Sand (7 bailers water
			per hour)

3/13/69



Bottom	Formation	Bottom	Formation
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2383	Red beds and gypsum	4195	Dark sand
2490	Red sand H.F.Wat 2400	4200	Brown shale
2550	Hard red sand (H.F.W.)	4205	Dark lime
2592	Hard sandy lime	4225	Blue lime
2600	White sandy lime	4308	Gray lime
2680	Red sandy lime	4316	Blue shale
2685	Red sand (HFW.)	4338	Blue lime
2720	Red beds (H.F.W.)	4343	Dark gray lime
2755	Red sandy shale (H.F.W.)	4350	Gray lime
2800	Red rock - water	4382	Brown lime
2840	Red sand (H.F.W.)	4406	Gray lime
2880	Sandy lime	4415	Brown lime
2905	Red rock, hard	4424	Gray lime
2930	Red lime, very hard	4427	Hard brown lime
2940	Red lime	4449	Dark brown lime
2955	Red lime, hard	4463	Brown lime
3150	Pink sandy shale	4477	Brown lime shale
3235	Pink shale	4495	Blue limy shale
3265	Dark pink shale	4506	Brown lime
3300	Light pink shale	4575	Blue sandy lime
3320	Blue shale	4582	Blue shaly lime
3340	Red shale	4586	Blue lime
3360	Red shale, very firm	4608	Lime shale
3410	Red shale	4616	Blue limy shale
3460	Sticky red shale	4622	Dark blue lime
3495	Red sticky shale with streaks	4633	Black lime
3505	Red shale mixed with gray	4652	Dark gray lime
3530	Red sticky shale	4660	Gray lime
3575	Light red sticky shale	4730	Gray shale
3595	Red and very sticky shale	4733	Lime
3612	Blue shale	4743	Shale
3640	Sticky red shale	4752	Limy shale
3655	Light red sticky shale	4760	Gray limy shale
3675	Red shale with streaks of green	4806	Limy shale
3680	Red shale with some green	4808	Hard shell
	Cleaned out from 3680 to 3693 and after cleaning out and measuring up hole found it to be 3693 instead of 3680.	4835	Limy shale (Showing gas 4830)
3715	Dark brown shale	4855	Black lime
3735	Gray lime. Small show of gas	4890	Limy shale
	Small spots of black oil showed up on sand pumpings.	4965	White lime
3850	Gray lime	5060	Gray shale
3875	Gray sand		
3885	Black sand		
3890	Gray sand		
3915	Gray sandy lime		
3980	Gray lime		
4145	Hard gray lime		
4175	Light gray limestone		