

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION																											
0	1215	1215	Red Bed - Ran 13-3/8" OD casing set at 355'.																											
1215	2062	847	Anhydrite & Red Bed, Top Anhydrite 1215' (Driller's)																											
2062	2210	148	Anhydrite																											
2210	3070	860	Salt & Anhydrite, Top Salt 2210' - (Driller's).																											
3070	3851	781	Anhydrite																											
3851	4262	411	Anhydrite & Gypsum																											
4262	4528	266	Anhydrite																											
4528	4658	130	Anhydrite & Gypsum																											
4658	4752	94	Anhydrite & Lime. Top San Andres 4660' (Drillers). Ran 9-5/8" OD casing set at 4820'.																											
4752	4852	100	Lime																											
4852	5026	174	Lime & Sand																											
5026	8175	3149	Lime - Top Abo 7990' (Samples).																											
8175	9089	914	Lime & Shale																											
9089	10864	1775	Lime, Top Wolfcamp 9110' (Samples).																											
10864	11031	167	Lime & Chert																											
11031	11255	224	Lime & Shale, Top Mississippian, 11,188' (Samples)																											
11255	11312	57	Lime																											
11312	11590	278	Lime & Chert																											
11590	11695	105	Lime																											
11695	11725	30	Lime & Chert																											
11725	11763	38	Lime																											
11763	11795	32	Lime & Chert																											
11795	11914	119	Lime																											
11914	12075	161	Lime & Shale, Top Woodford Shale 11,930', & top Devonian 12,085' (Samples).																											
12075	12887	812	Lime																											
			Reached total depth May 6, 1951.																											
			Ran string 5½" OD casing set @ 12,887'. Use 2-stage Halliburton process. D.V. tool set at 8923'. Used 780 sacks around shoe and 720 sacks cement through D.V. Tool. Circulated cement to surface.																											
			Well completed and placed on proration schedule May 19, 1951, with a top allowable of 295 bbls. oil per day.																											
			<u>5½" Casing Perforations</u>																											
			<table><tr><th><u>Perforations</u></th><th><u>Shots per ft.</u></th><th><u>Total Shots</u></th></tr><tr><td>12,382-12,404'</td><td>4/ft.</td><td>88</td></tr><tr><td>12,426-12,438</td><td>4/ft.</td><td>48</td></tr><tr><td>12,460-12,550</td><td>1/ft.</td><td>90</td></tr><tr><td>12,590-12,596</td><td>1/ft.</td><td>6</td></tr><tr><td>12,606-12,650</td><td>1/ft.</td><td>44</td></tr><tr><td>12,660-12,670</td><td>4/ft.</td><td>40</td></tr><tr><td>12,690-12,730</td><td>4/ft.</td><td>160</td></tr><tr><td colspan="2">Total shots</td><td>476</td></tr></table>	<u>Perforations</u>	<u>Shots per ft.</u>	<u>Total Shots</u>	12,382-12,404'	4/ft.	88	12,426-12,438	4/ft.	48	12,460-12,550	1/ft.	90	12,590-12,596	1/ft.	6	12,606-12,650	1/ft.	44	12,660-12,670	4/ft.	40	12,690-12,730	4/ft.	160	Total shots		476
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