

Office Phone
335-0711

Thornton Drilling Company
132 SE Cholwell • Bartlesville, OK 7400

Residence
1-1987

Operator JAMES D. LORENZ		Well No. 3	Lease SEILER	Loc. NW SE SW NW	Sec. 19	Twp. 26S	Rge. 15E
County WILSON		State KS	Type/Well	Depth 1199'	Hours	Date Started 4-3-95	Date Completed 4-5-95
Job No.	Casing Used 25' of 7"	Bit Record			Coring Record		
Driller John Kidd	Cement Used 3 Sacks	Bit No.	Type	Size	From	To	% Rec.
Driller	Rig No. 2						
Driller	Hammer No.						

Formation Record

From	To	Formation	From	To	Formation	From	To	Formation	From	To	Formation
0	2	Overburden	505	520	Lime	888	890	Shale	1109	T.D.	
2	157	Shales	520	528	Shale	890	891	Lime			
	173	Lime	528	593	Lime (Odor)	891	894	Shale			
173	176	Shale	593	664	Shale	894	896	Sdy Lime			
176	178	Lime	664	673	Lime (Gas Test 663	896	906	Sand (Squirrel)			
178	234	Shale			2# 1/8 Choke)			(Odor)			
234	275	Lime	673	732	Shale (Gas Test 714	906	1071	Shale & Sdy Shale			
275	292	Shale			10# 1/8" Choke)	1071	1072	Coal			
292	316	Sand	732	793	Sdy Shale & Sand	1072	1103	Shale			
316	333	Shale	793	831	Shale	1103	1109	Sdy Shale (1108			
333	342	Lime	831	836	Lime			Odor)			
342	363	Shale	836	851	Shale	1109	1122	Shale & Sdy Shale			
363	368	Sand	851	869	Lime (Gas Test 863	1122	1127	Sd & Sdy Shale			
368	370	Shale & Lime			16# 1/8 Choke)			(Odor)			
370	389	Lime	869	873	Shale	1127	1190	Shale			
389	391	Shale	873	882	Lime (Gas Test 878	1190	1192	Coal			
391	457	Lime			23# 1/3 Choke)	1192	1197	Shale			
457	463	Shale	882	888	Bulky & Coal (Gas	1197	1199	Chat (Gas Test			
463	466	Lime			Test 888 13# 1/2			1199 1/2 Choke No			
466	505	Sdy Shale			Choke)			Change)			

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19-28-15E