

Company Bishop Exploration Company

Sec. 5 T. 29 R. 22E

Loc. NE SW

Farm Ann Stephan

No. 4

County Crawford

Total Depth 542

Comm. 8/11/1959

Comp. 9/11/1959

Shot or Treated (Per intent to)

Contractor

Issued

drill KGS

Casing

20 in.	10 in
15 1/2	8 1/4
12 1/2	6 5/8
13 3/8	5 3/16

Elevation

Production D & A

Figures Indicate Bottom of Formation

2	Soil	310	Dark shale
14	Clay, sandstone	317	Black shale
30	Blue shale	320	Light gray shale
32	Sandy shale	328	Dark gray shale
44	Sand	329	Lime
48	Sandy shale	330	Black shale
67	Lt. Gray shale	332	Black lime
73	Sandy shale	334	Black shale
91	Gray shale	335	Coal and Pyrite
92	Black lime	344	Sandy shale
94	Brown shale, lime streaks	346	Sand
112	Lime	349	Sandy shale
113	Black shale	357	Black shale
125	Lime	359	Light gray shale
129	Black shale	360	Lime
142	Dark gray shale	364	Blue shale
144	Light gray shale	368	Dark gray shale
145	Sandy shale	371	Light gray shale
152	Sand	383	Sand and sandy shale
154	Sandy shale	389	Dark gray shale
156	Light gray shale	390	Coal
159	Sand	408	Gray shale
166	Sandy shale	416	Dark shale
171	Gray shale	423	Black shale
179	Dark sandy shale	431	Light gray shale
181	Dark gray shale	434	Light green shale
182	Coal	445	Sandy shale
184	Light gray shale	451	Gray shale
190	Dark gray shale	454	Dark shale
211	Lime	459	Black shale
212	Dark gray shale	460	Coal
215	Black shale	461	Gray shale
218	Gray shale	466	Black shale
223	Lime	470	Light gray shale
227	Black shale	479	Sand and sandy shale
230	Sandy shale	487	Light gray shale
233	Sand	490	Dark shale
234	Sandy shale	494	Dark sandy shale
239	Sand	503	Light shale
251	Dark sandy shale	515	Gray shale
		519	Green shale
		524	Black shale
		535	Light shale
		540	Dark shale
		542	Light gray shale