

Company Max B. Miller & Co., Inc.

Farm Bevins S No. x 21 (Input)

Total Depth 299'

Sec. 19 T. 30 R. 22

Comm. 4-28-38

Comp. 5-3-38

Loc. 300' from N line
600' from W line
of NW-SW-NE $\frac{1}{4}$

County Crawford

Elevation

Production

Figures Indicate Bottom of Formation

Soil	0	2	2
Clay	2	7	5
Soft light shale	7	50	43
Soft dark shale	50	63	13
Lime	63	80	17
Hard black shale	80	86	6
Lime	86	99	13
Hard black shale	99	105	6
Soft blue shale	105	115	10
Soft light shale	115	190	75
Blue shale & lime	190	207	17
Shells lime	207	212	5
Soft light shale	212	220	8
Soft dark shale	220	230	10
Soft light shale	230	267	37 SLM

Correlation of Core #x21 (Input) South Bevins Farm

Shale and broken sand.	267'	268'
Light, dry sand with shale laminations, low permeability and saturation.	268	270
Light, dry sand, fewer laminations sand softer	270	271
Light sand, crystalline but soft, shows cross bedding. Probable high perm.; 1" shale break at 275' 4".	271	277
Dark sand, fairly clean, slight bedding lam.	277	279
Small shale and broken sand break.	279	279 3"
Med. dark sand, harder; med. permeability.	279 3"	282
Soft, light sand, clean; probable high perm.	282	283
Fairly soft sand, clean; probable high to med	283	287
Light, dry, tight sand; laminations. (perm.)	287	288
Dark, grey black sand; low permeability; coal laminations. (Perm)	288	289 6
dark sand, clean, dry streak at 289' 10". Med.	289 6	291
Dark grey black sand; low perm.; coal lams.	291	292
Light sand, heavily micaceous; laminations cross bedding.	292	293
Grey black sand; low permeability.	293	298 6
Shale, black.	298 6	299

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Casing

19'	8 $\frac{1}{4}$ "
115	6 5/8
300	2

Shot or Treated

5-12-38	60qts	Gelatine	272' to 296'	Shells #5	Size 5" x 25'	Elec. bomb
4-2-40	4 "	Gelatine	285	295	1 $\frac{1}{2}$ 10	Elec. bomb

Plug Back Record

5-14-38 Straight cement 300' to 296' Cement placed in bottom of well with dump bailer.

Packers

Rag packer set at 272'. 6 1/3 sacks cement and 100 pounds of sand used in cementing on top of packer.

Clean-Out Record

5-12-18-38 Both bailer and tools used. Well thoroughly washed and cleaned.

4-2-40 Well washed by high velocity water.