

Company Max B. Miller & Co., Inc.

19-30-22E

Farm Bevins N No. x11 (Input)

Total Depth 323'

Sec. 19 T. 30 R. 22

Comm. 1-1-38

Comp. 1-6-38

Loc. SW-NW-NE of Sec. 19

County Crawford

Elevation 904.1'

Production

Figures indicate Bottom of Formation

Soil	0	2	2
Yellow Clay	2	3	1
Lime Boulders	3	10	7
Blue Shale	10	15	5
Light Shale	15	50	35
Dark Shale	50	76	26
Hard Light Lime	76	95	19
Soft Dark Shale	95	100	5
Hard Light Lime	100	105	5
Medium Dark Lime	105	115	10
Black Shale	115	120	5
Light Shale	120	170	50
Blue Shale	170	195	25
Black Shale	195	215	20
Hard Dark Lime	215	220	5
Light Shale	220	230	10
Med. Light Sandy Shale	230	235	5
Black Shale	235	245	10
Light Shale	245	275	30
Med. Light Sandy Shale	275	280	5
Sandy Shale	280	284	4

Correlation of Well #11 (Input) North Bevin Farm

Broken sand, light greyish sand with intermittent blue shale	284-0	284-6
Sand with and occasional shale streak	284-6	287-0
Shale break	287-0	287-9
Light gray sand, hard	287-9	290-0
Shale and broken sand	290-0	290-6
Dark sand with very small shale streaks, shows evidences of cross-bedding.	290-6	291-6
Dark sand, with an occasional small shale streak of a firm texture, apparant good saturation.	291-6	294-0
Black sand with greyish specks, very hard.	294-0	295-0
Dark sand, with a little mica, occasional very small streak of coal. Good saturation	295-0	309-6

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Farm Bevins N No. xll (Input)

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Comm. 1-1-38

Comp. 1-6-38

Loc. SW-NW-NE of Sec. 19
County Crawford

Elevation 904.1'

Production

Casing

128' 6 $\frac{1}{2}$ "
326' 2"

Shot or Treated

1-12-38 50qts Gelatine 302' to 321' Shells size 5" x 19'

Plug Back Record

1-14-38 2/3 sack of cement Quick set cement 326' to 321'

Packers

Rag packer run on 2" S. H. Tubing set at 301'. Cemented in with 5 $\frac{1}{2}$ sacks quick set, pumped in through a 1" cement string.

Clean-Out Record

1-12-38 Both bailer and tools used Well thoroughly washed and cleaned.

Light gas show at 235' to 240'
Strong gas show 284 290
Hole filled with water 284' to 290'

Packer recemented 1-26-38 by (2 $\frac{1}{2}$ sacks pumped in) squeeze method. 75 pounds of pressure held on casings. This cement job did not hold. Water flowing out in put string is conate water. Watter flowing out in casing is not conate water.

Correlation of Well # xll (Input) North Bevin Farm

Loss.	309-6	310-0
Dark, brownish sand, firm, good saturation, small, minute streaks of shale and coal	310-0	317-0
Black sand with greyish specks, very hard	317-0	322-0
Shale, blue	322-0	323-0