

Company Max B. Miller & Co., Inc.

Farm Bevins S No. x22 Input

Total Depth 320'

Sec. 19 T. 30 R. 22

Comm. 6-9-38

Comp. 6-14-38

Loc. 325' from N line
400 from W line
of SW $\frac{1}{4}$ of NE $\frac{1}{4}$

County Crawford

Elevation 905.9'

Production

Figures Indicate Bottom of Formation

Clay and soil	0	5	5
Light shale	5	30	25
Soft light shale	30	55	25
Hard dark shale	55	71	16
Lime	71	88	17
Hard black shale	88	94	6
Lime	94	106	12
Hard black shale	106	110	4
Soft light shale	110	195	85
Medium dark shale	195	200	5
Soft light shale	200	212	12
Lime	212	215	3
Soft dark shale	215	225	10
Soft light shale	225	230	5
Soft dark shale	230	240	10
Soft light shale	240	280	40

Correlation of #x22 Input South Bevins Farm

Broken sand and shale; blue or grey sandy shale	280		284
Broken sand and dry, hard, greyish sandy shale very low permeability.		284	287' 8"
Grey, dry sand cross-bedded with shale, coal and mica low permeability.		287' 8"	288 6
Light brown sand; clean; good saturation; probable med. and high permeable streaks; soft & hard	288 6		290 6
Shale break with 1" sand (perm.)	290 6		291
Brown sand; good saturation; fairly clean med.	291		294
Soft sand conglomerate; high perm.; soft.	294		298
Dark brown sand; clean; good saturation; med. to high permeability. (perm.)	298		301 6
Sand & carbonaceous laminations with mica; low	301 6		302 6
Dark brown sand; very good saturation; med. perm.	302 6		312
Light sand; low saturation; cross-bedded with mica & lignite; friable; probable high perm.	312		314 6
Dark black-grey sand with coal specks and mica; low permeability and saturation.	314 6		317
Black shale.	317		320

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Casing

115' 6 5/8"
320 2

Shot or Treated

6-17-38	55 qts Gelatine	290' to 315'	Shells 4" x 15'	
		290	305	4 15 28qts
		305	315	5 10 27"

Plug Back Record

6-21-38 Straight cement 320' to 315'. Cement placed in bottom of well with dump bailer.

Packers

Rag packer run on 2" tubing set at 290'. Six sacks of cement pumped in top packer.

Clean-Out Record

6-18-31-38 Both bailer and tools used. Well thoroughly washed and cleaned.