

Plotted

13 - 21 - 22E

Company Texas

Sec. 13 T. 21 R. 22

Farm (Big Sioux) Mundell

No. 4

Loc. SW 1/4 (Except 32A, E. of Big Sugar Creek)

SW NW SW

Total Depth 402

County Linn

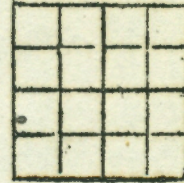
Comm.

Comp. 3/20/23

Shot or Treated

Contractor

Issued



Casing

20 in.	10 in.	
15 1-2	8 1-4	39
12 1-2	6 5-8	355
13 3-8	5 3-16	

Elevation

Production 15 BBL

Figures Indicate Bottom of Formation

Soil, Blk.	Soft	3	Lime Lt.	Hard	255
Clay Yellow		13	Shale "	Soft	265
Gravel "	"	20	Lime "	Hard	270
Shale Blue		36	(water & gas)		
Lime Lt.	Hard	38	Shale, Drk.	Soft	302
Big Shale, Blue	Soft	155	Lime, Lt.	Hard	307
Lime Lt.	Hard	167	Shale, Grey	Soft	318
Shale Blue	Soft	177	Lime, Lt.	Hard	330
Lime Lt.	Hard	190	Shale, Drk.	Soft	337
Shale "	Soft	222	Lime Lt.	Hard	343
Lime "	Hard	227	Shale Blk.	Soft (gas)	350
Shale "	Soft	233	" Lt.	"	358
Lime "	Hard	237	Gas Sand, "	"	372
Shale Drk.	Soft	240 water	Oil Sand, Brown		397
			Shale, Blk.	"	402