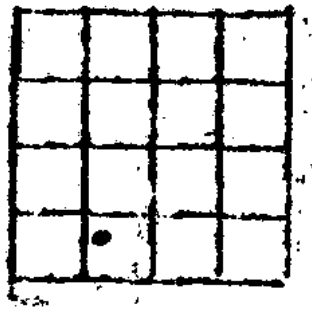
COUNTY Jackson



sec. 17 T. 49 R. 32

Owner Davis, Bartle & Hulse

Elev. 1007 MGS#

Farm Denton, J.A No. 1 TD 652 Shows org Spls.

Status dry

Date Completed 9-30-33

FmCID

Remarks:

00034

Geo. Clark.

STATE OF MISSOURI
GEOLOGICAL SURVEY AND
WATER RESOURCES

BIENNIAL REPORT *of the*

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H. A. BUEHLER
DIRECTOR AND STATE GEOLOGIST
ROLLA, MISSOURI

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tance south of the pool) were dry. The main production is from the Squirrel sand. Woodson No. 1, having an initial open flow of 1,100,000 cubic feet, is the largest producer. Many of the wells had gas in the Wayside, Warrensburg channel and Peru sands, and also in the Lexington black shale. In several wells these flows were sufficiently large to justify the expense of saving them. A gathering line has been laid into the pool and connected with the Cities Service Pipe Line.

The following log of a well drilled just south of the pool illustrates the succession of beds in the area more completely than the logs of the producing wells.

Log of Davis, Bartle & Hulse No. 1, Denton. Location: Near center SE. 1/4, SW. 1/4, sec. 17, T. 49 N., R. 32 W. Elevation: 1,007 feet. Completed: Sept. 30, 1933.

	Thickness feet.	Depth feet.
Quaternary system:		
Soil and clay	10	10
Pennsylvanian system:		
Kansas City formation:		
Lime, broken	5	15
Lime (Iola)	29	44
Shale	1	45
Lime	2	47
Shale	16	63
Lime	9	72
Shale	15	87
Lime (Cement City)	8	95
Shale, dark	8	103
Lime	1	104
Shale	5	109
Lime (Drum)	12	121
Shale	22	143
Lime	1	144
Shale	2	146
Lime (top of Winterset)	20	166
Shale	2	168
Lime	8	176
Shale	1	177
Lime (bottom of Winterset)	5	182
Shale, dark	6	188
Lime (Bethany Falls)	21	209
Dark shale	4	213
Lime	1	214
Black slate	2	216
Lime (Hertha)	15	231
Pleasanton formation:		
Shale, gray	83	314
Lime	1	315
Shale, gray	7	322
Light shale, sandy	13	335
Red bed	8	343
Green shale (set 6 ¼-inch casing)	42	385
Henrietta formation:		
Lime	5	390
Shale	2	392
Lime	5	397

Log of Davis, Bartle & Hulse No. 1, Denton—Continued.

	Thickness feet.	Depth feet.
Light gray shale	8	405
Lime	5	410
Sand (Peru—puff of gas)	9	419
Dark shale	7	426
Lime	3	429
Black slate (Lexington coal horizon—puff of gas)	4	433
Gray shale	2	435
Broken sand	8	443
Light sandy shale	12	455
Lime	1	456
Black slate	3	459
Gray shale	16	475
Lime	2	477
Cherokee formation:		
Black slate (some water)	1	478
Blue shale	5	483
Light shale	3	486
Sand (Squirrell—puff of gas)	24	510
Sand (Squirrel—showing of oil and water)	70	580
Black slate	4	584
Lime	2	586
Black slate	6	592
Shale	2	594
Lime	10	604
Gray shale	8	612
Black shale	4	616
Light gray shale	10	626
Lime	9	635
Sand (Bartlesville—water)	17	652
		Total depth

The West Grandview pool was opened by Bartle and Marshall in September, 1933, when Swafford No. 1 was completed for 1,000,000 cubic feet in the Peru sand of the Henrietta formation, in section 3, township 47 north, range 33 west. Early in 1934 the Ruf Drilling Company began drilling to the south in section 10 and later in section 15. Twelve gas wells and seven dry holes have been drilled (see Fig. 3). Nearly all the gas is from the Peru sand, although a small amount has been obtained in the Wayside sand of the Pleasanton formation and the Squirrel sand of the Cherokee formation. All the wells are connected to the gathering lines of the Panhandle Eastern Pipe Line Company.