

Company G. S. H. SUPPLY Co.,Address TULSA, OKLA.

Farm A. G. GRASSTract Acres 155 Lease No.

Well (Farm) No.5.2-8-10-13-16-15 Serial No.

Elevation (Spirit Level) SEE ABOVEQuadrangle MADISONCounty L/NCOLN District DUVALEngineer C.F. M.Engineer's Registration No. C.F. M.File No. Drawing No. Date C.F. M.Date C.F. M.Scale C.F. M.

WELL LOCATION MAP LIN - 689-A -# 10 FILE NO. LIN - 702-A -#13

FILE NO. LIN - 702-A -#/3
LIN - 759-A-#/6 LIN - 740-A - #21
LIN - 784-A - #15 LIN - 754-A - #20
+ Denotes location of well on United States
Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

Denotes one inch spaces on border line of original tracing.

A. G. GRASS NO. 21 WELL.

Duval District, Lincoln County, W. Va.

By G. S. H. Supply Co., Box 895, Tulsa, Okla.

Abandoned under permit Lin-...-A?

On 155 acres.

Elevation, 762.39' L.

Shot Nov. 5, 1913, with 80 qts.

8½" casing, 390'; 65, 1562'; 2" tubing, 2259'; all left in.

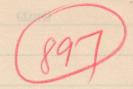
Oil well. Record to Dept. of Mines stamped May 16, 1949.

Record to RCT from Mrs. Griffith July 10, 1949. Old File No. 897.

	Top.	Bottom.
Salt Sand	900	- 1515
Little Lime		- 1550
Pencil Cave	1550	- 1555
Big Lime	1555	- 1745
Big Injun Sand	1745	- 1825
Brown shale	2228	- 2248
Berea Sand	2248	- 2267
Total depth		2267

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STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS DIVISION

to A orplat

WELL RECORD

Oil or Gas Well

Permit No.		OII or was Well (KIND)			
Company G. S. & H. Supply Co. Address Box 895, Tulsa, Okla.	Casing and Tubing	Used in Drilling	Left in Well	Packers	
Farm A. G. Grass Acres 155 Location (waters) Well No. Elev. 762.3	Size 16		Ave a Casa	Kind of Packer	
District Duval County Lincoln	13			Size of	
The surface of tract is owned in fee byAddress	81/4		390		
Mineral rights are owned by Address	65% 5 3/16		1562	Depth set	
Drilling commenced Drilling completed	3		2259	Perf. top Perf. bottom	
Date Shot 11-5-13 From To With 80 cts.	Liners Used	The second second	19 Fig. 1	Perf. top Perf. bottom	
Open Flow /10ths Water in Inc. /10ths Merc. in Inc. Volume Cu. F	h CASING CEM	ENTED	SIZE	No. Ft. Date	
Rock Pressure lbs. hr Oil bbls., 1st 24 hr	s. COAL WAS E	NCOUNTERED		FEET INCHES	
Fresh water feet feet feet		TINCI	HES	FEET INCHES	
Formation Color Hard or Top	Bottom	Oil, Gas	Depth		

Fresh water		feet	bbls., 1st 24 hrsfeetfeet	COAL WAS EN	INCH	ES FEET.	INCHES
Formation Salt sand Little lime Pencil cave Big lime Big Injun Brown shale Berea	Color	Hard or Soft	900 1515 1550 1555 1745 2228 2248	Bottom 1515 1550 1555 1745 1825 2248 2267	Oil, Gas or Water	Depth Found	Remarks
2-ormation	Color	545	MAY 19.19 MAY 19.19 MAY 19.19 MEST 18.29 MEST 18.29	1000212223333	OI SLOPE.	Meeting and a second	