



#15	1.12	S
	4.00	W
#7	1.27	S
	3.95	W
#8	1.10	S
	3.80	W

#10	0.98	S
	3.84	W
#13	1.06	S
	3.90	W
#21	1.10	S
	3.86	W
#20	1.12	S
	3.92	W
#16	1.19	S
	3.96	W

New Location...
 Drill Deeper.....
 Abandonment.....

LIN - 785-A-#7
 LIN - 791-A-#8

Company G. S. H. SUPPLY CO.,
 Address TULSA, OKLA.
 Farm A. G. GRASS
 Tract _____ Acres 155 Lease No. _____
 Well (Farm) No. 3-7-8-10-13-16-15 Serial No. 20-21
 Elevation (Spirit Level) SEE ABOVE
 Quadrangle MADISON
 County LINCOLN District DUVAL
 Engineer L. F. Dye NW
 Engineer's Registration No. 804
 File No. _____ Drawing No. _____
 Date 3-29-49 Scale 1" = 500'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 LIN - 689-A-#10
 FILE NO. LIN - 702-A-#13
 LIN - 759-A-#16 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, lat-
 itude 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?

740A
exp lat
689A

On 155 acres.
Elevation, 762.39' L.
Shot Nov. 5, 1913, with 80 qts.
8½" casing, 390'; 6⅝", 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	1515	- 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



897

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. 740-A Oil or ~~Gas~~ Well _____ (KIND)

Company G. S. & H. Supply Co.
Address Box 895, Tulsa, Okla.
Farm A. G. Grass Acres 155
Location (waters) _____
Well No. 21 Elev. 762.39
District Duval County Lincoln
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____

Drilling commenced _____
Drilling completed _____
Date Shot 11-5-13 From _____ To _____
With 80 qts.

Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10			Size of
8 1/4		390	
6 5/8		1562	Depth set
5 3/16			
3			Perf. top
2		2259	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Salt sand			900	1515			
Little lime			1515	1550			
Pencil cave			1550	1555			
Big lime			1555	1745			
Big Injun			1745	1825			
Brown shale			2228	2248			
Berea			2248	2267			

