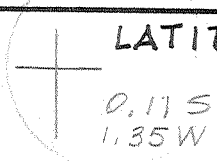


38° 10'

LATITUDE

38° 07' 30"



7.5' loc
OGIS topo

LONGITUDE 81° 55' 00"

81° 55'

15' loc 2.995
1.35 W

Company _____

Farm _____

Quad Mud 7.5' / Madison 15' WC

County Boone

District Scott

WELL LOCATION MAP

File No. 005-29

Boone

deep well 6-6 Julian-Madison (236)

WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION

434

DRILLED DEEPER

WELL RECORD

Gas

Oil or Gas Well
(Kind)

Permit No. 300-29-D

Company Rich Fork Gas Company

Address Box 323, Charleston, W. Va.

Farm C. A. Croft, et al Acres 302.5

Location (waters) Horse Creek

Well No. #7 Elev. 1040 B

District Scott County Boone

The surface of tract is owned in fee by C. A. Croft, et al
Address Madison, W. Va.

Mineral rights are owned by C. A. Croft, et al
Address Madison, W. Va.

Drilling commenced May 5, 1939

Drilling completed August 15, 1939

Date shot August 15, 1939 Depth of shot 2900-3827

Open Flow 32 /10ths Water in 2 Inch

2 /10ths Merc. in 2 Inch

Volume 160 Cu. Ft.

Rock Pressure 2 lbs. hrs.

Oil 2 bbls., 1st 24 hrs.

Fresh water 2 feet

Salt water 2 feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10 <u>2 1/2"</u>		<u>29219'</u>	Size of
8 1/4 <u>2 1/2"</u>		<u>18981'</u>	
6 5/8 <u>1 7/8"</u>		<u>2306'6"</u>	Depth set
5 3/16			
3			Perf. top
2			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
<p>This well was originally drilled from the surface to 2405' by Celia Oil & Gas Company under permit issued by the Mine Department March or April, 1930. Drilling commenced April 9, 1930; Completed June 10, 1930.</p>							
<p>BEREA GAS before deepening 10/10 W 1" 33 MCF Total gas before shot: 34/10 W 1" 61 MCF</p>							
Slate	Black		2405	2445	Gas Show	2950	
Lime	White		2445	2460	" "	3090	
Slate & Shells	Gray		2460	2770	" "	3240	
Slate	Gray		2770	2810	" "	3408	
Lime	White		2810	2860	" "	3455	
Slate & Shells	Gray		2860	3460	" "	3470	
Slate	Brown	-441	3460	3380	" "	3520	
Slate	White		3380	4210	" "	3715	
Slate	Brown		4210	4442	" "	3815	
Corniferous Lime	-413		4442	4592	" "	3822	
ORSK			4499	4510	" "	4484	
Held			4510	4564	" "	4561	485
<p>Ripped 6 5/8" casing at 1690'; Run 240 sacks cement until circulation stopped; removed cement from casing, then ripped up to 1326' where we again got circulation; then run 151 sacks cement, cementing from that point to surface; run 2306'6" 1 7/8" 3 1/2 O. S. Casing-cemented with 25 sacks cement. All cement work done by Halliburton Oil Well Cementing Co., May and June, 1939. August 15, 1939, well was shot from 3827 to 2900 with 4550' 3 1/2 x 16" Gelatin - 87 - 4 x 10'6" shells. No tubing run in this well.</p>							
			4442	4499			
			1040	1040			
			3402	3459			

Sample Studies

Boone 29 Celia Gas Co.
C.A. Craft 7
COMPLETION DATA SHEET NO. 2 Scott District

FORMATION RECORD

NAME	COLOR	CHARACTER	OIL, GAS OR WATER	TOP	BOTTOM	THICKNESS	TOTAL DEPTH	R
Soil	Yellow			0	12	12		
Sand	Gray			12	90	78		
Slate	White			90	125	35		
Coal	Black			125	129	4		
Slate	White			129	145	16		
Sand	White			145	170	25		
Coal	Black			170	173	3		
Slate	White			173	183	10		
Sand	Black			183	300	117		
Sand	Gray			300	350	50		
Coal	Black			350	395	45		
Slate	White			395	400	5		
Coal	Black			400	450	50		
Sand	White			450	453	3		
Slate	Brown			453	520	67		
Sand	White			520	620	100		
Slate	Black			620	640	20		
Sand	Gray			640	670	30		
Slate	Blue			670	720	50		
Sand	White			720	750	30		
Slate	Blue			750	900	150		
Salt Sand	White			900	940	40		
Slate	Blue			940	1125	185		
Sand	Gray			1125	1130	5		
Lime	Black			1130	1185	55		
Slate & Lime	Blue			1185	1210	25		
Sand S	White			1210	1265	55		
Slate	Blue			1265	1478	213		
Red Rock	Red			1478	1498	20		
Slate	Blue			1498	1503	5		
Lime	Black			1503	1515	12		
Slate	Black			1515	1525	10		
Little Lime	Black			1525	1615	90		
Slate Shells	Blue			1615	1645	30		
Big Lime	White			1645	1680	35		
Injun	Red			1680	1871	191		
Slate	Blue			1871	1906	35		
Lime	Black			1906	1920	14		
Slate	Blue			1920	2062	142		
Slate Shells	Blue			2062	2100	38		
Lime	Black			2100	2215	115		
Slate	Blue			2215	2235	20		
Lime	Black			2235	2295	60		
Shells	Blue			2295	2320	25		
Brown Shale	Brown			2320	2340	20		
Berea Sand	Gray			2340	2355	15		
Lime	Black			2355	2383	28		
shot				2383	2405	22	2405	

Well was ~~not~~ shot at 2355-2381 feet; well was shot at _____ feet.

~~Salt~~ Fresh water at 125 feet; ~~Salt~~ water at 1140 feet.

Well was producing _____ note.

6/12/30
Date

Approved Celia Oil & Gas Company
Owner [Signature]

NOTE: All bottom formations must be noted as indicated above and all key-rocks and oil and gas sands must be recorded under their proper geological names in the district as well as any local names for which strata that may be common to the district.