



ACCURACY: 1p 200p

- New Location
- Drill Deeper
- Abandonment
- Fracture
- Redrill

Source of Elevation WELL #1 (720')

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Chet Waterman

Company	JOSEPH S. GRUSS		
Address	SPENCER, W. VA.		
Farm	O. REYNOLDS		
Tract	Acres	135	Lease No.
Well (Farm) No.	2	Serial No.	
Elevation (Spirit Level)	725'		
Quadrangle	WALTON - NC		
County	ROANE	District	SMITHFIELD
Engineer	CHET WATERMAN		
Engineer's Registration No.	3788		
File No.	66003-196	Drawing No.	
Date	10/2/66	Scale	1" = 30p

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

WELL LOCATION MAP
 FILE NO. ROA - 1508

+ 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.

6-6-1966



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle Walton
~~Smithfield~~
Permit No. RCA-1508

WELL RECORD

Oil or Gas Well Oil
(KIND)

Company Joseph S. Gruss
Address P. O. Box 471 Spencer, West Virginia
Farm G. Reynolds Acres 135
Location (waters) Rush Creek
Well No. 2 Elev. 725'
District Smithfield County Roane
The surface of tract is owned in fee by G. Reynolds
Address Spencer, W. Va.
Mineral rights are owned by G. Reynolds
Address Spencer, W. Va.
Drilling commenced 12-5-66
Drilling completed 12-9-66
Date Shot From To
With
Open Flow /10ths Water in Inch
/10ths Merc. in Inch
Volume Cu. Ft.
Rock Pressure lbs. hrs.
Oil -0- bbls., 1st 24 hrs.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10			Size of
8 1/4	163	163	
6 5/8			Depth set
5 3/16			
4 1/2			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

WELL ACIDIZED (DETAILS)
WELL FRACTURED (DETAILS)

Attach copy of cementing record.
CASING CEMENTED 4 1/2 SIZE 1964 No. Ft. 12/9/66 Date
Amount of cement used (bags) 470
Name of Service Co. HCWCO
COAL WAS ENCOUNTERED AT FEET INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.)
ROCK PRESSURE AFTER TREATMENT HOURS
Fresh Water Feet Salt Water Feet
Producing Sand Depth

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Rock			0	150			
Shale			150	230			
Shale and Rock			230	755			
Shale			755	1055			
Red Cave Shale			1055	1346			
Shale			1346	1520			
Lime and Sand			1520	1654			
Salt Sand			1654	1842			
Lime			1842	1880			
Sand Shale	<u>BL. med.</u> <u>BI</u>		1880	1975			

