

New Location
 Drill Deeper
 Abandonment

Company	Francis Cain
Address	Big Bend, W. Va.
Farm	James Roberts
Tract	Acres 168 Lease No.
Well (Farm) No.	2 Serial No.
Elevation (Spirit Level)	865'
Quadrangle	Arnoldsburg WC
County	Calhoun District Lee
Engineer	Logan McDonald
Engineer's Registration No.	610
File No.	Drawing No.
Date	6-18-62 Scale 1" = 40 Rods

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

WELL LOCATION MAP
 FILE NO. CAL-1970

+ 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.

6-6-169 ✓



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

Quadrangle Arnoldsburg

Permit No. Cal-1970

WELL RECORD

Oil or Gas Well Oil & Gas
(KIND)

Company Francis E. Cain
Address Big Bend, W. Va.
Farm James Roberts Acres 168
Location (waters) Barnes Run
Well No. 2 Elev. 865
District Lee County Calhoun
The surface of tract is owned in fee by James Roberts et al
Address Grantsville, W. Va.
Mineral rights are owned by James Roberts et al
Address Grantsville, W. Va.
Drilling commenced July 9, 1962
Drilling completed Aug. 10, 1962
Date Shot _____ From _____ To _____
With _____
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume show _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil show _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
18			
10	340		Size of
8 1/4	940		
6 5/8	1815	1815	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
6 bags Aqua Gel behind 6 inch
C. W. Beecher
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

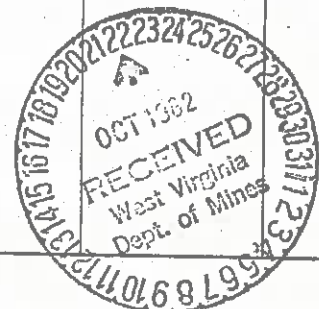
WELL FRACTURED 800 bbl. water, 30,000 lbs. sand

RESULT AFTER TREATMENT 30 bbl. oil and 200 M Gas

ROCK PRESSURE AFTER TREATMENT 575 lbs. 24 hours

Fresh Water 4 bb./hr. Feet 25 Salt Water hole full Feet 1615

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
mud			0	8			
lime			8	20			
sand			20	75			
red rock			75	100			
slate			100	135			
red rock			135	185			
sand			185	195			
slate			195	250			
red rock			250	300			
lime			300	360			
red rock			360	390			
slate & lime			390	495			
red rock			495	525			
slate			525	612			
lime			612	625			
slate			625	710			
red rock			710	755			
lime			755	780			
slate			780	840			
lime			840	880			
sand			880	905			
lime			905	960			



Formation	Color	Hard or Soft	Top /	Bottom	Oil, Gas or Water	Depth Found	Remarks
sand			960	980			
lime			980	1060			
slate			1060	1075			
sand			1075	1195			
slate			1195	1285			
sand			1285 ¹	1310			
slate			1310	1435			
lime			1435	1995			
sand			1595	1725			
lime			1725	1730			
sand			1730	1765			
slate			1765	1790			
sand			1790	1795			
slate			1795	1800			
Big Lime			1800	1892			
sand			1892	1895			
Big Lime			1895	1905			
Big Injun			1905	1950	Oil & Gas	Show	Show
Slate			1950	1985		1935-48	

Date _____, 19__

APPROVED _____, Owner

By _____ (Title)