

Minimum Error of Closure 1 in 200'
 Source of Elevation Elevation at old Arches School
1 1/2 mi. N.W. = 940'

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.

Fracture
 New Location
 Drill Deeper
 Abandonment

Signed: W. H. Scott
 Squares: N S E W

Map No.

Company James F. Scott
 Address 124 Valley St. Saloma, W. Va.
 Farm Blackshire - Wells
 Tract _____ Acres 3800 Lease No. _____
 Well (Farm) No. One Serial No. 9-106
 Elevation (Spirit Level) 1017
 Quadrangle Centerpoint NE
 County Wetzel District Grant
 Engineer W. H. Scott
 Engineer's Registration No. 1727
 File No. _____ Drawing No. _____
 Date Jan 29, 1969 Scale 1" = 800' = 1320'

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

WELL LOCATION MAP
 FILE NO. WET-584

+ 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle Centerpoint

Permit No. WET- 584

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company James F. Scott
Address Salem, West Virginia
Farm Blackshere Wells Acres 3800
Location (waters) Arches Fork
Well No. 1 (S-106) Elev. 1017
District Grant County Wetzel
The surface of tract is owned in fee by Blackshere Coal Company
Address Mannington, W. Va.

Mineral rights are owned by Blackshere & Company
Address Mannington, W. Va.

Drilling commenced 1-29-69
Drilling completed 2-17-69

Date Shot From To

Open Flow /10ths Water in Inch
/10ths Merc. in Inch

Volume Cu. Ft.
Rock Pressure lbs. hrs.

Oil bbls., 1st 24 hrs.

WELL ACIDIZED (DETAILS)

WELL FRACTURED (DETAILS) 57,000 lbs. of sand 1200 bbls. of water.

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 3,033,000 cu. ft. 3,033 MCF

ROCK PRESSURE AFTER TREATMENT 695 lbs. HOURS 3

Fresh Water Feet Salt Water Feet

Producing Sand Big Injun Depth 2043 and 2103

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			Size of
10			Depth set
8 1/4	435	435	
6 3/4	2250	2250	
5 3/16			Perf. top <u>2043</u>
4 1/2			Perf. bottom <u>2070</u>
3			Perf. top <u>2098</u>
2			Perf. bottom <u>2103</u>
Liners Used			

Attach copy of cementing record.

CASING CEMENTED 4 1/2 SIZE 400 No. Ft. 2-17-69 Date

Amount of cement used (bags) 75

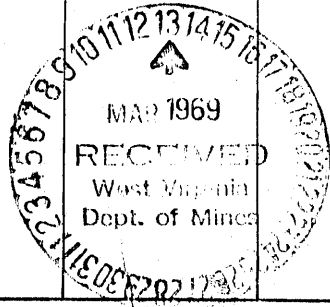
Name of Service Co. Garaton Service

COAL WAS ENCOUNTERED AT 395 FEET INCHES

FEET INCHES FEET INCHES

FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sand			0	20			
Yellow sand			20	50			
Red rock			50	90			
Slate			90	120			
Slate & shells			120	167			
Red rock			167	190			
Black slate			190	210			
Lime			210	250			
Sand			250	280			
Slate & shale			280	310			
Slate			310	365			
Red rock			365	380			
Sand			380	395			
Coal			395	401			
Slate			401	455			
Lime			455	477			
Slate & Lime			477	550			
Red rock			550	575			
Sand			575	670			
Slate			670	729			
Slate & shells			729	785			
Lime			785	850			
Red rock			850	929			
Slate & shells			929	970			
Lime & shells			970	1060			



APR 08 1969

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red rock			1060	1150			
Lime			1150	1220			
Slate			1220	1310			
Gritty lime			1310	1420			
Slate & shells			1420	1490			
Lime			1490	1570			
Red rock			1570	1675	1964		
Lime & shells			1675	1755	1017		
Slate & shells			1755	1850	947		
Big Lime - L. Lime?			1850	1900			
Red rock			1900	1964			
Big Lime			1964	2040			
Big Injun			2040	2123			
Slate			2123	2190			
Sand - square			2190	2250			
Slate & shells			2250	2305			
Slate			2305	2385			
Lime			2385	2450			
Slate & Lime			2450	2510			
Red rock			2510	2600			
Lime			2600	2670			
Slate			2670	2714			
Gordon Stray			2714	2750	750 below top of lime		
Slate & shells			2750	2768			
Slate			2768	2782			
Gordon			2782	2790	818		
Shale			2790	2800			
Gordon	Fourth?		2800	2809	820		
Sand			2809	2870	845		
Lime			2870	2930			
Slate & shells			2930	2980			
Red rock			2980	3030			
Slate			3030	3084			
T D				3084			

Date March 11, 1969
 APPROVED Sam F. Scott, Owner
 By _____ (Title)