

I, the undersigned hereby certify that this map is correct to the best of my belief and knowledge 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.

Company HUGH SPENCER
 Address WEST UNION, W. VA.
 Farm ELDRIDGE SPURGEON
 Tract 1 Acres 70 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 1041 FT.
 Quadrangle WEST UNION 30
 County DODDRIDGE District CENTRAL
 Engineer James R. Harrou
 Engineer's Registration No. 4972
 File No. _____ Drawing No. _____
 Date SEPT. 1, 1969 Scale 1" = 20 rods

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

WELL LOCATION MAP
 FILE NO. DDO-1480

+ 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

Quadrangle _____

Permit No. **DOD-1490**

WELL RECORD

Oil or Gas Well **Comb.**
KIND

Company **Hugh Spence**
Address **West Union, W. Va. 26456**
Farm **Eldridge Spurgeon** Acres **70**
Location (waters) _____
Well No. **One** Elev. **1041**
District **Central** County **Doddridge**
The surface of tract is owned in fee by **Eldridge Spurgeon** Address **Greenwood, W. Va.**
Spurgeon Address **Clarksburg, W. Va.**
Mineral rights are owned by **Eldridge Spurgeon and Appalachian Resources**
Drilling commenced **October 5, 1967**
Drilling completed **November 22, 1967**
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume **Show** _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED **1000 BBL. Water, 500 Gal. Acid, and 34,000 Sand**

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16	20	20	
13			
10	222		Size of
8 1/4	1071		Depth set
6 5/8			Perf. top
5 3/16	2225	2225	Perf. bottom
2			Perf. top
Liners Used			Perf. bottom

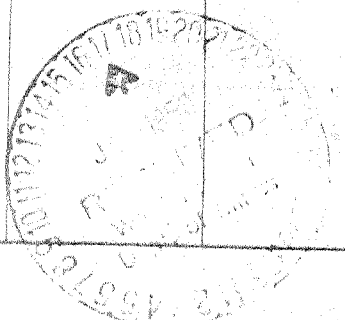
CASING CEMENTED **4 1/2"** SIZE **2225** No. Ft. **11/27/67**
Garaton Cementing Company

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

RESULT AFTER TREATMENT **189 M Gas**
ROCK PRESSURE AFTER TREATMENT **(510)** in 24 hours **2 BBL. Oil Per Day**
Fresh Water **682** Feet _____ Salt Water _____ Feet _____

*Big
Dyan*

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sandstone			0	20			
Red Rock			20	35			
Sand			35	45			
Lime			45	64			
Slate & Shells			64	85			
Lime			85	92			
Red Rock			92	102			
Slate & Shells			102	128			
Sand			128	180			
Slate & Shells			180	205			
Red Rock			205	346			
Sand			346	378			
Red Rock			378	515			
Slate & Shells			515	550			
Red Rock			550	565			
Lime			565	605			
Red Rock			605	650			
Sand			650	682			
Slate & Shells			682	770			Water 682 - 1 bailer per hr.
Lime			770	817			
Slate & Shells			817	920			
Red Rock			920	980			
Lime			980	1013			
Pink Rock			1013	1080			
Red Rock			1080	1088			
Pink Rock			1088	1088			
Slate & Shells			1088	1070			
Lime			1070	1096			
Slate & Shells			1096	1110			
Black Lime			1110	1122			



(over)

JAN 29 1968

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate			1122	1127			
Red Rock			1127	1150			
Sand			1150	1180			
Slate & Shells			1180	1220			
Lime			1220	1258			
Slate & Shells			1258	1255			
Sand			1255	1273			
Slate & Shells			1273	1365			
Lime			1365	1435			
Sand			1435	1505			
Slate & Shells			1505	1560			
Lime (Blank)			1560	1590			
Sand			1590	1710			
Lime			1710	1722			
Sand			1722	1755			
Sandy Shale			1755	1785			
Black Lime			1785	1870			
Slate & Shells			1870	1900			
Lime			1900	1916			
Slate			1916	1921			
Sandy Shale			1921	1954			
Slate			1954	1958			
Sandy Shale			1958	1992			
Lime			1992	2024			
P. Cave			2024	2032			
Big Lime			2032	2140			
Big Injun Sand			2140	2205	Show of Oil	2140 to 2145	
Slate			2205	2225			

Date **January 11**, 19 **06**

APPROVED *Hugh Spencer*, Owner

By _____ (Title)