



Minimum Error of Closure 1 in 200

Source of Elevation Elev. (shown) at forks of road - 1065'

- Fracture.....
- New Location.....
- Drill Deeper.....
- Abandonment.....

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.

Signed: [Signature]
 Squares: N S E W

Map No. _____

Company (B.G.) Bill Huddleston
 Address For Hills Drive, Parkersburg, W. Va.
Dennis and
 Farm Claude J. Swisher
 Tract _____ Acres 90.61 Lease No. _____
 Well (Farm) No. Two Serial No. _____
 Elevation (Spirit Level) 1127'
 Quadrangle Weston EC
 County Harrison District FLB
 Engineer [Signature]
 Engineer's Registration No. 1727
 File No. _____ Drawing No. _____
 Date Nov. 26, 1970 Scale 1" = 500'

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

WELL LOCATION MAP

FILE NO. MAR - 557

+ 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.



MAR 5 1971

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION 3

Rotary
Spudder
Cable Tools
Storage NOISE

Quadrangle Weston

WELL RECORD

Oil or Gas Well Gas
(KIND)

Permit No. HAR - 557

Company <u>B. G. Huddleston</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>Lakeview Est., Parkersburg, W. Va.</u>	Size			Kind of Packer
Farm <u>Lewis Swisher</u> Acres <u>90.61</u>	16			
Location (waters) <u>Blue Lick Run</u>	13			Size of
Well No. <u>Swisher #2</u> Elev. <u>1127</u>	<u>11-3/4</u>	<u>31'</u>	<u>31'</u>	Depth set
District <u>Elk</u> County <u>Harrison</u>	<u>8 1/2</u>	<u>1829'</u>	<u>1829'</u>	
The surface of tract is owned in fee by <u>L.C. & C. J. Swisher</u>	<u>6 1/2</u>			
Address <u>Lost Creek, W. Va.</u>	<u>5 3/16</u>	<u>4274'</u>	<u>4274'</u>	Perf. top
Mineral rights are owned by <u>L. C. & C. J. Swisher</u>	<u>4 1/2</u>			Perf. bottom
Address <u>Lost Creek, W. Va.</u>	<u>3</u>			Perf. top
Drilling commenced <u>January 8, 1971</u>	<u>2</u>			Perf. bottom
Drilling completed <u>January 14, 1971</u>	Liners Used			
Date Shot From To				
With				

Open Flow /10ths Water in _____ Inch
 /10ths Merc. in _____ Inch
 Volume 88,000 Cu. Ft.
 Rock Pressure _____ lbs _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 WELL ACIDIZED (DETAILS) _____

Attach copy of cementing record.
 CASING CEMENTED 4 1/2 SIZE 4264' No. Ft. 1-15-71 Date
 Amount of cement used (bags) 100 sacks
 Name of Service Co. Dowell
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES

WELL FRACTURED (DETAILS) Halliburton fractured Benson Zone 2-4-71 using 905 bbls. of treated water, 40,000# 20-40 and 500# 10-20 sand and 300 gal. acid.
 RESULT AFTER TREATMENT (Initial open Flow or bbls.) 2,768 mcf. 2,768,000
 ROCK PRESSURE AFTER TREATMENT 1650 HOURS 24
 Fresh Water 71 Feet 180 Salt Water _____ Feet
 Producing Sand Benson Depth 4171-4174 & 4183-4184

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface			0	41			
Sdy. Shale			41	70			
Coal			70	75			
Sdy. Shale			75	165			
Coal			165	170			
Sand & Shale			170	250			
Coal			250	255			
Sdy. Shale			255	450			
Sand			450	475			
Shale			475	515			
Coal			515	520			
Shale			520	580	Water	590	
Sand			580	640			
Coal			640	645			
Sdy. Shale			645	700			
Sand			700	755			
Sand & Shale			755	795			
Sand			795	950			
Sdy. Shale			950	980			
R.R. & Sdy. Shale			980	1100			
Sand & Shale			1100	1295			
Big Lime			1295	1400			
Sandy Lime, R.R. Stks.			1400	1440			
Lime			1440	1475			
Lime & Shale			1475	1490			
Sand & Shale			1490	1685			
Sand	White		1685	1715			
Sand & Shale			1715	1885			
Sand			1885	1915			

(over)

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Formation	Color	Hard or Soft	Top 3	Bottom	Oil, Gas or Water	Depth Found	Remarks
Shale & R.R. Sdy.			1915	2100			
Sand			2100	2140			
Shale			2140	2195			
Sand 5th			2195	2225			
Shale			2225	2245			
Sand			2245	2250			
Shale			2250	2430	Gas	2335'	
Sand & Shale			2430	2460			
Shale & Sand			2460	3335			
Sand			3335	3360			
Shale Sdy.			3360	3450			
Sand			3450	3500			
Shale			3500	4095			
Sand & Shale Dark			4095	4105			
Shale			4105	4165			
Benson			4165	4185	Gas	4172'	
Shale			4185	4289	T.D.		