

- New Location
- Drill Deeper
- Abandonment
- Structure

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	J. F. DEEM
Address	HARRISVILLE, W. VA.
Farm	R. GRAY
Tract	Acres 225 Lease No
Well Farm No	ONE Serial No
Elevation Spirit Level	947.3'
Quadrangle	HOLBROOK -NC
County	DODDRIDGE District SOUTHWEST
Engineer	CHET WATERMAN
Engineer's Registration No	3788
File No	65003-15 Drawing No
Date	6/30/65 Scale 1" = 300'

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

WELL LOCATION MAP

FILE NO. DOD - 1281
plugged 11/26/1965

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 of border line of original tracing



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Holbrook

Permit No. Dod. 1281

WELL RECORD

Oil or Gas Well Dry
(KIND)

Company J. Frank Deem
 Address Harrisville, W. Va.
 Farm L. R. C. Gray heirs Acres 225
 Location (waters) _____
 Well No. 1 Elev. 947
 District Southwest County Doddridge
 The surface of tract is owned in fee by above
 Address _____
 Mineral rights are owned by West Union, W. Va.
 Address _____
 Drilling commenced 7-14-65
 Drilling completed 8-5-65
 Date Shot _____ From _____ To _____
 With _____
 Open Flow /10ths Water in show Inch _____
 /10ths Merc. in _____ Inch _____
 Volume _____ Cu. Ft. _____
 Rock Pressure Not taken lbs. _____ hrs. _____
 Oil show bbls., 1st 24 hrs. _____
 WELL ACIDIZED 1951 to 1959
 WELL FRACTURED with 700 barrels water and 30,000 # sand

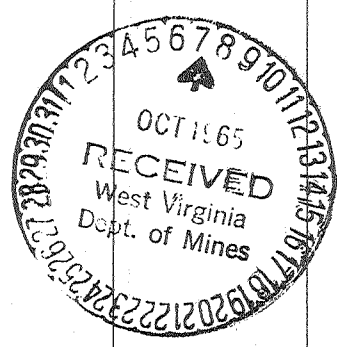
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	19'		
10	278'		Size of
8 3/4	1041		
6 5/8			Depth set
5 3/16			
4 1/2"		2059	Perf. top 1951
2			Perf. bottom 1959
Liners Used			Perf. top 2017
			Perf. bottom 2025

CASING CEMENTED 4 1/2 SIZE 200 No. Ft. 8-12-65 Date

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

RESULT AFTER TREATMENT 30 M gas and one barrel oil per day
 ROCK PRESSURE AFTER TREATMENT Not taken
 Fresh Water 205' hole full Feet _____ Salt Water 1 - 8" bailer/hr Feet 1775'

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil			0	7	Water	205'	Hole full
Slate			7	50	Water	1775'	1 bailer/hr
Red Rock			50	80			
Slate & shells			80	100			
Red Rock			100	107			
Slate & Shells			107	187			
Red Rock			187	197			
Slate & Shells-			197	217			
Red Rock			217	275			
Slate			275	285			
Sand			285	310			
Slate			310	320			
Red Rock			320	325			
Lime			325	342			
Slate & Shells			342	418			
Red Rock			418	423			
Slate & Shells			423	435			
Red Rock			435	440			
Slate & Shell			440	460			
Red Rock			460	512			
Sand			512	545			
Slate & Shells			545	560			
Red Rock			560	617			
Slate & Shells			617	647			
Lime			647	657			
Slate & Shells			657	715			



Formation	Color	Hard or Soft	Top 6	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red Rock			715	725			
Slate			725	735			
Red Rock			735	750			
Slate & Shells			750	775			
Red Rock			775	805			
Slate & Shells			805	830			
Red Rock			830	845			
Lime			845	855			
Sand			855	885			
Slate			885	890			
Lime			890	915			
Slate			915	942			
Black Slate			942	960			
Slate			960	965			
Sand			965	988			
Pink Rock			988	991			
Slate & Shells			991	1120			
Sand			1120	1180			
Slate & Shells			1180	1280			
Lime			1280	1300			
Sand			1300	1340			
S. Slate			1340	1365			
Lime			1365	1390			
Black Slate			1390	1410			
Slate			1410	1420			
Sand			1420	1448			
Black Slate			1448	1453			
Sand - Broken			1453	1505			
Slate & Shells			1505	1553			
Sand			1553	1593			
Black Slate			1593	1600			
Sand			1600	1666			
Slate			1666	1670			
Sand (Broken)			1670	1688			
Slate & Shell			1688	1715=			
Sand			1715	1730			
Slate			1730	1735			
Sand			1735	1758			
Slate			1758	1775			
Sand			1775	1790			
Slate			1790	1796			
Sand			1796	1812			
Slate (B) & Shells			1812	1847			
Sand			1847	1874			
Slate			1874	1877			
Lime			1877	1894			
Slate			1894	1898			
Lime (Broken)			1898	1915			
Big Lime			1915	2000			
Sand			2000	2039			
Slate & Shells			2039	2059	Total Depth		

Date _____, 19__

APPROVED _____, Owner

By J. Frank Seaman
(Title)