



Minimum Error of Closure 1 in 300
 Source of Elevation U.S.G.S. elev. shown = 803'

- 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 John R. Warren, dba Warren Drig. Co.
 Address United Founders Tower, Oklahoma City
 Farm George W. Ice
 Tract _____ Acres 300 Lense No. _____
 Well (Farm) No. Col. Nelson No. 1 Serial No. _____
 Elevation (Spirit Level) 801
 Quadrangle Center Point C
 County Doddridge District McClellan
 Engineer [Signature]
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date November 1970 Scale 1" = 40p. 660'

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

WELL LOCATION MAP

FILE NO. DDO-1604

+ 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.

39-3A
5-3



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 2

Rotary
Spudder
Cable Tools
Storage C. NO. 11
Oil or Gas Well GAS (KIND)

Quadrangle Center Point
Permit No. DOD - 1604

WELL RECORD

Company JOHN R. WARREN DBA WARREN DRILLING CO.
Address 1215 UNITED FOUNDERS BUILDING
OKLAHOMA CITY, OKLA. 73112
Farm-Geo. Ice (Col. Nelson) Acres. 300
Location (waters) Talkington Fork
Well No. One (1) Elev. 801'
District McClellom County Doddridge
The surface of tract is owned in fee by Fern Rogers
Address Folsom, W.Va.
Mineral rights are owned by George Ice Hrs., et al.
Address West Union, W.Va.
Drilling commenced 12/5/70
Drilling completed 12/29/70
Date Shot From none To
With
Open Flow /10ths Water in Inch
/10ths Merc. in Inch
Volume 220 m Cu. Ft.
Rock Pressure unknown lbs. hrs.
Oil none bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS) no

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	200	200	Cemented
10			Size of
8 1/4	1238		Depth set
6 5/8			
5 3/16	1963'	1963'	Perf. top 1834
4 1/2			Perf. bottom 1838
3			Perf. top
2			Perf. bottom
Liners Used			

Attach copy of cementing record.
CASING CEMENTED 1/1/71 SIZE 4 1/2" No. Ft. 1963
Amount of cement used (bags) 75 w/1/2# Flocele/sk.
Name of Service Co. Halliburton Ti 354131
COAL WAS ENCOUNTERED AT none FEET INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES
WELL FRACTURED (DETAILS) 1164 Bbls. water, 40000 10-20; 250 HCl, 34.2 BPM @ 2300 psi
RESULT AFTER TREATMENT (Initial open Flow or bbls.) 3,816 mcf/day 3,816,000
ROCK PRESSURE AFTER TREATMENT 400 HOURS 2
Fresh Water 70 Feet Salt Water 1125, 1200' Feet
Producing Sand Big Injun Depth 1820-1940'

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
soil			0	10			
sand-gravel			10	15			
slate			15	22			
red rock			22	43			
slate			43	65			
sand			65	80	water	70'	
slate			80	102			
sand			102	145	water	112' hf	
slate			145	195			
slim			195	220			
slate			220	240			
lime			240	367			
slate			367	420			
lime			420	435			
slate			435	654			
red rock			654	670			
slate&shells			670	730			
red rock			730	739			
lime			739	745			
slate&shells			745	965			
lime			965	1005			
sand			1005	1130	water	1125	
slate&shells			1130	1140			
lime			1140	1155			
sand			1155	1235	water	1200	
					OVER		

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OIL & GAS
DIVISION

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
slate			1235	1328	water	1340	
sand			1328	1406	water		
slate&shells			1406	1540			
lime			1540	1590			
red rock			1590	1595			
lime			1595	1650			
red rock			1650	1685			
slate&shells			1685	1730			
slate			1730	1738			Pencil Cave
lime			1738	1815			Big Lime
sand	Big Injun		1815	1934	Gas	1820-50	Big Injun
slate			1934	1982			
TD			1982'				

Date 1/28/71, 19

APPROVED WARREN DRILLING COMPANY, Owner

By [Signature] Consultant
(Title)