



Minimum Error of Closure 1 in 200'

Source of Elevation Elev. Well No. 264-825'

- 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: *W. Herbert*
 Squares: N S E W

Company John R. Warren, dba Warren Drilg. Co.
 Address United Founders Tower, Oklahoma City, Okla.
 Farm Charles G. Schutte
 Tract _____ Acres 350 ± Lease No. _____
 Well (Farm) No. Warren No. 1 Serial No. _____
 Elevation (Spirit Level) 818'
 Quadrangle Centerpoint C
 County Doddridge District McClellan
 Engineer *W. Herbert*
 Engineer's Registration No. 1227 ✓
 File No. _____ Drawing No. _____
 Date Nov 15, 1970 Scale 1" = 800' = 1:800'

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

WELL LOCATION MAP

FILE NO. DDP-1605

+ 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.



RECEIVED

APR 19 1971
Rotary

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

OIL & GAS DEPARTMENT
DEPT. OF MINES

- Spud
- Cable Tools
- Rotary

Storage

F. NOLE

Quadrangle Centerpoint

WELL RECORD

Oil or Gas Well

Gas (KIND)

Permit No. DOD. 1605

Company John R. Warren DBA Warren Drilling Co.
Address 1215 United Founders Tower
Oklahoma City, Okla. 73112
Farm Charles G. Shutte Acres 350
Location (waters) Robinson Fork
Well No. One (1) Elev. 818'
District McClellan County Doddridge
The surface of tract is owned in fee by Stanley Verner
Address Salem, W. Va.
Mineral rights are owned by C.G. Shutte Hrs.
Address Salem, W. Va.

Drilling commenced 12/1/70
Drilling completed 1/1/71
Date Shot From no To no
With no
Open Flow 10/10ths Water in 2 Inch
/10ths Merc. in no Inch
Volume 133 m Cu. Ft.
Rock Pressure unknown lbs. - hrs.
Oil none bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS) no

WELL FRACTURED (DETAILS) 2/4/71-960 Bbls water, 22000 # 10-20 sand, 29.4BPM at 2560 psi.

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 165 mcf/day
ROCK PRESSURE AFTER TREATMENT 105 HOURS 72
Fresh Water 35', 380' Feet Salt Water 1168, Feet
Producing Sand Big Injun Sand Depth 1730-1834'

Casing and Tubing Size	Used in Drilling	Left in Well	Packers
16	23	23	Kind of Packer
13			
10	235	235	Cemented
8 1/4	485	485	Cemented to surface
6 3/4	1242		Depth set
5 3/16			
4 1/2	1868	1868	
3			Perf. top 1773
2			Perf. bottom 1777
Liners Used			Perf. top 1799
			Perf. bottom 1804

Attach copy of cementing record.
CASING CEMENTED 4 1/2 SIZE 1868 No. Ft. 1/4/71 Date
Amount of cement used (bags) 50 w/ 1/4 # floccal/sk.
Name of Service Co. Halliburton
COAL WAS ENCOUNTERED AT 410 FEET 60 INCHES
FEET no INCHES Log depth no INCHES
FEET no INCHES FEET no INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
top soil			0	2			
sand, gravel			2	15			
slate	blue		15	25			
sand	blue		25	65	Water	35	
slate			65	68			
sand			68	135			
slate&shells			135	193			
sand			193	197			
red rock			197	215			
slate&sand			215	245			
sand			245	265			
slate			265	347	water	380-90	
sand			347	403	gas	372'	
COAL			403	460	Coal	403-06	
sand			460	475			
slate&shells			475	530			
sand			530	540			
slate&shells			540	605			
red rock			605	650			
slate&shells			650	700			
red rock			700	715			
shale			715	722			
red rock			722	747			
lime			747	785			
red rock			785	817			
sand & shale			817	920			
					OVER		

(over)

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Formation	Color	Hard or Soft	Top /	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lime sand			920	1055			
slate&lime	shells		1055	1110	oil	1085-1100	
sand			1110	1135			
lime&sand			1135	1200	water	1168-1185	
sand			1200	1300			
slate&lime	shells		1300	1365			
sand			1365	1450			
lime			1450	1495			
sand			1495	1507			Maxon
slate			1507	1560			
red rock			1560	1585			
slate			1585	1640			
lime			1640	1650			
slate			1650	1660			Little Lime
lime			1660	1675			Pencil
slate			1675	1730			Big Lime
lime			1730	1840	gas	1752-57	Big Injun
sand	Big Injun		1840	1875	gas	1780-99	
slate & shells							
Total Depth			1875				

Date 4/15/71, 1971

APPROVED WARREN DRILLING COMPANY, Owner

By [Signature] (Title)