

1.255
2.78W

New Location
 Drill Deeper
 Abandonment

I, the undersigned, being duly sworn, depose and state that this map is correct to the best of my knowledge and belief and that all the information contained hereon is true and correct and that I am a duly licensed and registered professional engineer in the State of West Virginia.

W. S. Ruppert
 W. S. Ruppert

Elev. ref. - Well No. 2 = 911
 Error in Closure: - less than 1 in 200

Company SOUTHERN TRIANGLE OIL CO
 Address Mt Carmel, Illinois
 Farm Matthias Hinter
 Tract _____ Acres 104 Lease No. _____
 Well (Farm) No. Triangle 1 Serial No. _____
 Elevation (Spirit Level) 796 961-OK 25 100
 Quadrangle Vadis - WC
 County Doddridge District Cove
 Engineer W. S. Ruppert
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date Aug. 19, 1966 Scale 1" = 300' = 495'

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

WELL LOCATION MAP
 FILE NO. Dob-1404

+ 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 7

Quadrangle
Permit No. DOD-1404

WELL RECORD

Oil or Gas Well Oil & gas
(KIND)

Company Southern Triangle Oil Co.
Address Box 230, Mt. Carmel, Ill.
Farm M. Hinter # 1-C Acres 104
Location (waters) Town Camp Run
Well No. 1-C Elev. 961 GL
District Cove County Doddridge
The surface of tract is owned in fee by E. Hinter
Address New Milton, W. Va.
Mineral rights are owned by same
Address
Drilling commenced September 12, 1966
Drilling completed October 18, 1966
Date Shot From To
With
Open Flow /10ths Water in Inch
 /10ths Merc. in Inch
Volume 60,000 Cu. Ft.
Rock Pressure none lbs. hrs.
Oil show bbls., 1st 24 hrs.
WELL ACIDIZED no
WELL FRACTURED yes

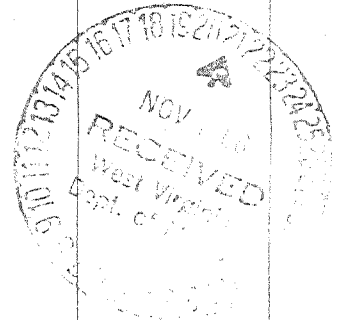
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	16'	16'	
10	190'	0	Size of
8 1/2	1083'	0	
7	1871	0	Depth set
5 3/16			
3			Perf. top <u>2121</u>
2			Perf. bottom <u>2126</u>
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 4 1/2 SIZE No. Ft. 2240 Date
75 sks.

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

RESULT AFTER TREATMENT 150,000 per day 50 bbls. oil per day
ROCK PRESSURE AFTER TREATMENT 710# 24 hours
Fresh Water Feet Salt Water Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
clay & red rock			0	22			
sand, HFW @ 66'			22	70			
rock slate			70	78			
slate coal			78	79			
slate			79	102			
sand			102	129			
red rock & shale			129	243			
sand			243	250			
red rock			250	280			
lime, sandy			280	300			
sand			300	330			
red rock & shale			330	470			
sand & lime			470	485			
sand & slate shale			485	523			
red rock, sand & shale			523	565			
sand			565	575			
shale			575	600			
lime, sandy			600	632			
shale & shells			632	690			
sand & lime			690	730			
red rock & shale			730	758			
sand, broken			758	798			
red rock			798	860			
shale & red rock			860	897			
sand			897	958			
slate			958	966			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
lime, sandy			966	975			
shale			975	980			
shale, red rock & lime			980	1020			
sand, broken			1020	1050			
slate & shells			1050	1084			
slate, sandy			1084	1100			
sand			1100	1125			
slate, sandy			1125	1170			
shale			1170	1203			
sand			1203	1230			
slate			1230	1242			
lime			1242	1260			
slate			1260	1285			
sand			1285	1305			
lime, sandy			1305	1344			
slate			1344	1400			
lime			1400	1425			
slate			1425	1445			
sand; HFW			1445	1546			
slate & shells			1546	1570			
slate			1570	1581			
sand & slate			1581	1586			
slate, sandy			1586	1599			
sand & slate			1599	1726			
sand			1726	1784			
slate, sandy			1784	1818			
sand			1818	1844			
slate			1844	1918			
sand			1918	1935			
red rock & slate			1935	1950			
lime, sandy			1950	1963			
red rock & slate			1963	1975			
slate			1975	1985			
lime (Little Lime)			1985	2007			
sand			2007	2026			
lime			2026	2100			
2100 sand, show of oil and gas			2100	2185			
slate			2185	2193			
red rock & slate			2193	2199			
slate			2199	2205			
slate, sandy			2205	2244			
TD	2244						

Date 11-17-1926, 1926

APPROVED James E. Cooper Owner

By James E. Cooper Geologist
(Title)