

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all of the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

[Signature]
E. P. N.

New Location.....
 Drill Deeper.....
 Abandonment..... Sept 7, 1967

Elevation reference :- Hinter No. 1 = 796
 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. 1-D Serial No. _____
 Elevation (Spirit Level) 901
 Quadrangle Vadis WC
 County Doddridge District Cave
 Engineer [Signature]
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date Feb. 11, 1967 Scale 1" = 300' = 495'

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

WELL LOCATION MAP
 FILE NO. 600-1441-P

plugged 10/22/1967
 + 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 DIVISIONQuadrangle Vadia
Permit No. DOD-1441

WELL RECORD

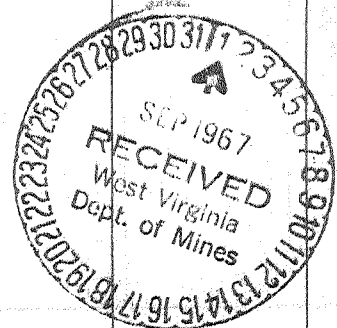
Oil or Gas Well dry hole
(RIND) w/colophon

Company Southern Triangle Oil Co.
 Address Box 230, Mt. Carmel, Illinois
 Farm E. Hinter Acres 25
 Location (waters) Town Camp Run 016-7.5' top Size
 Well No. 1-D Elev. 1102 = 1120 16
 District Cove County Doddridge 1120/100
 The surface of tract is owned in fee by E. Hinter
 Address New Milton, W. Va. 8 1/4
 Mineral rights are owned by E. Hinter
 Address New Milton, W. Va. 6 3/4
 Drilling commenced 4-28-67
 Drilling completed 5-25-67
 Date Shot From To
 With
 Open Flow /10ths Water in Inch
 /10ths Merc. in Inch
 Volume show Cu. Ft.
 Rock Pressure none taken lbs. hrs.
 Oil show bbls., 1st 24 hrs.
 WELL ACIDIZED No
 WELL FRACTURED Yes by Dowell using 1000 bbl. fresh water - 40,000# of sand

Casing and Tubing	Used in Drilling	Left in Well	Packers
			Kind of Packer
	16	16	Size of
	259	None	Depth set
	1227	None	Perf. top
			Perf. bottom
			Perf. top <u>2314</u>
			Perf. bottom <u>2319</u>

CASING CEMENTED 4 1/2 SIZE 2379 No. F5-26-67 Date
by Dowell with 80 sks.COAL WAS ENCOUNTERED AT 0 FEET 0 INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHESRESULT AFTER TREATMENT tested oil at the rate of 1 bbl/dayROCK PRESSURE AFTER TREATMENT none takenFresh Water 748 Feet 749 Salt Water Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
clay			0	06			
sand, red rock & shale			06	140			
sand			140	156			
red rock & shale			156	183			
slate, sandy			183	204			
sand			204	227			
sand & slate			227	253			
lime, sandy			253	274			
slate & red rock			274	463			
sand			463	473			
lime, sandy			473	485			
slate			485	495			
lime, sandy			495	508			
red rock, slate & sand			508	530			
red rock			530	607			
slate, sandy			607	623			
sand			623	640			
slate			640	675			
red rock			675	693			
slate, sandy			693	726			
sand, water @ 748			726	762			
slate			762	769			
lime, sandy			769	790			
shale			790	797			
sand & lime			797	813			
shale			813	825			



(over)

Formation	Color	Hard or Soft	Top /	Bottom	Oil, Gas or Water	Depth Found	Remarks
slate, sandy			825	865			
slate & lime			865	878			
red rock, slate & lime			878	916			
sand			916	927			
sand & slate			927	950			
red rock			950	1000			
red rock & shale			1000	1050			
slate			1050	1053			
sand			1053	1100			
shale			1100	1105			
lime & shale			1105	1111			
red rock			1111	1121			
lime, sandy			1121	1140			
sand, slate & red rock			1140	1153			
red rock & slate			1153	1205			
slate & lime			1205	1232			
red rock & slate			1232	1250			
lime, sandy			1250	1286			
slate & shells			1286	1304			
slate, sandy			1304	1348			
sand			1348	1376			
slate			1376	1390			
lime & slate			1390	1410			
slate, sandy			1410	1419			
sand			1419	1460			
slate, sandy			1460	1598			
sand			1598	1731			
slate, sandy			1731	1804			
sand			1804	1837			
slate, sandy			1837	1896			
sand			1896	1928			
slate, sandy			1928	1965			
sand			1965	1983			
slate, sandy			1983	2032			
sand & lime			2032	2079			
redrock & slate			2079	2095			
sand & lime			2095	2103			
red rock & slate			2103	2108			
slate, sandy			2108	2127			
lime <i>little</i>			2127	2142			
slate			2142	2145			
sand & lime			2145	2148			
lime, sandy			2148	2153			
slate, sandy			2153	2167			
lime, reduce hole @ 2185			2167	2225			
lime, sandy			2225	2244			
sand, show gas & oil @ 2255			2244	2278			
lime, sandy			2278	2286			
sand			2286	2329			
sand & slate, <i>Big dip</i> show oil @ 2314			2329	2333			
slate, sandy			2333	2379			
Total depth				2379			

Date **June 21, 1967**, 19

APPROVED **Southern Triangle Oil Co.**, Owner

By *James E. Capin*
James E. Capin, Geologist