

NOTE:- Here shown is the 148.5 ac. part of the 202 ac. lease. Additional acreage lies north of the tract here shown.

New Location
 Drill Deeper
 Abandonment

Company SOUTHERN TRIANGLE OIL CO.
 Address 104 Bank St. Weston, West Va.
 Farm Henry Vanwerth
 Tract Acres 202 Lease No.
 Well (Farm) No. One Serial No.
 Elevation (Spirit Level) 879 910 915 KLA 10/30/62 topo
 Quadrangle Vadis WC construction
 County Doddridge District Cove
 Engineer W. H. H. J.
 Engineer's Registration No. 1227
 File No. Drawing No.
 Date Oct. 4, 1962 Scale 1" = 40p = 660'

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

WELL LOCATION MAP
 FILE NO. Dod-880

+ 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 5

Quadrangle Vadis

Permit No. Dod. 880

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Southern Triangle Oil Co.
Address 104 Bank Street, Weston, W.Va.
Farm Henry Vanwerth Acres 202
Location (waters) Buck Run 1/4 Sec 10, T10N, R10W 7.5' top
Well No. 1 Elev. 910
District Cove County Doddridge
The surface of tract is owned in fee by E. Cole
Address Leopold, W.Va.
Mineral rights are owned by E. Cole, et al
Address Leopold, W.Va.
Drilling commenced 10-1-62
Drilling completed 11-6-62
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 None bbls., 1st 24 hrs.
WELL ACIDIZED No

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	20	20	
10			Size of
8 5/8	650	650	
6 3/4	3146	600	Depth set
5 3/16			
3		5162	Perf. top <u>4845</u>
2			Perf. bottom <u>4846</u>
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 4 1/2 SIZE 5162 No. Ft. 11-2-62 Date
with 125 sacks regular cement

COAL WAS ENCOUNTERED AT 0 FEET 0 INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

WELL FRACTURED Yes, by Dowell with 120,000 #'s of sand and 3,000 bbl. of water.

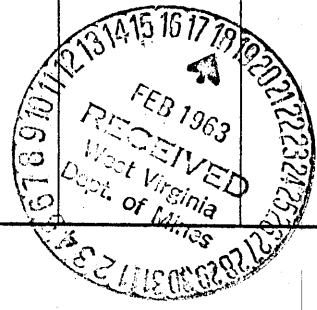
RESULT AFTER TREATMENT Poor open-flow tested 600 m.cu. ft.

ROCK PRESSURE AFTER TREATMENT 1600 # in 24 hrs.

Fresh Water 60 Feet 65 Salt Water 1430 Feet 1434

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil	Black	Soft	0	15			
Sand	Grey	Soft	15	75			
Shale	Grey	Soft	75	185			
Shly sand	Grey	Soft	185	314			
Sand	White	Soft	314	376			
Shale	Grey	Soft	376	514			
Shly sand	Grey	Soft	514	563			
Shale	Grey	Soft	563	702			
Shly sand	Grey	Soft	702	749			
Shale	Grey	Soft	749	806			
Sand	Grey	Soft	806	877			
Shale	Red	Soft	877	914			
Shly sand	Grey	Soft	914	961			
Shale	Grey	Soft	961	1012			
Sand	White	Soft	1012	1086			
Shale, sdy.	Grey	Soft	1086	1364			
Sand	White	Hard	1364	1434			
Shale & shly sd.	Grey	Soft	1434	1746			
Sand	White	Hard	1746	1760			
Shale	Grey	Soft	1760	1806			
Shale, sdy.	Grey	Soft	1806	1916			
Little lime	Brown	Hard	1916	1930			
Shale	Green	Soft	1930	1971			
Big Lime	Brown	Hard	1971	2020			
Injun	Grey	Hard	2020	2112			
Shale, sdy.	Green	Soft	2112	2190			
Shly sand	Grey	Soft	2190	2310			

(over)



Formation	Color	Hard or Soft	Top 5	Bottom	Oil, Gas or Water	Depth Found	Remarks
Shale	Grey	Soft	2310	2380			
Sand	White	Hard	2380	2390			
Shale, sdy	Green	Soft	2390	2914			
Shly sand	Grey	Soft	2914	2934			
Sh. sdy. sh. & shly sd.	Grey	Soft	2934	3220			
Shly sand	Grey	Soft	3220	3469			
Shale	Black	Soft	3469	3502			
Sand	Brown	Soft	3502	3510			
Sh. & shly sand	Grey	Soft	3510	3707			
Shale, sdy.	Grey	Soft	3707	4218			
Shly sand	Grey	Soft	4218	4238			
Shale, sdy.	Grey	Soft	4238	4640			
Shly sand	Grey	Soft	4640	4704			
Shale	Grey	Soft	4704	4838			
Sand	Brown	Soft	4838	4850	Gas	4842-50	Show
shale, shly sand	Grey	Soft	4850	4956			
Shly sand	Brown	Soft	4956	4980			
Shale & shly sand	Grey	Soft	4980	5162			
TOTAL DEPTH				5162			

Date February 15, 1963

APPROVED Southern Triangle Oil Co., Owner

By James E. Capin
 (Title) Geologist