

New Location ..    
 Drill Deeper .....    
 Abandonment .....

Company SOUTHERN TRIANGLE OIL CO.

Address Weston, West Va.

Farm Jesse Richards

Tract \_\_\_\_\_ Acres 121.25 Lease No. \_\_\_\_\_

Well (Farm) No. Four Serial No. \_\_\_\_\_

Elevation (Spirit Level) 1075

Quadrangle Halbrook EC

County Doddridge District Cove

Engineer W. H. Hoelt Jr.

Engineer's Registration No. 1227

File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_

Date July 28, 1962 Scale 1" = 300' = 495'

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

**WELL LOCATION MAP**

FILE NO. DOD-848-#4

+ 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

Quadrangle Vadis

Permit No. Dod-848

WELL RECORD

Oil or Gas Well Both  
(KIND)

Company Southern Triangle Oil Company  
Address 104 Bank Street, Weston, W.Va.  
Farm J. Richards Acres 121  
Location (waters) Cove Creek  
Well No. 4 Elev. 1075  
District Cove County Doddridge  
The surface of tract is owned in fee by Ralph Taylor  
Address Leopold, W.Va.  
Mineral rights are owned by Ralph Taylor  
Address Leopold, W.Va.  
Drilling commenced 8-3-62  
Drilling completed 8-11-62  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume Show Cu. Ft.  
Rock Pressure 575 lbs. 12 hrs.  
Oil Show bbls., 1st 24 hrs.  
WELL ACIDIZED No

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10			Size of
8 5/8	115	115	
6 5/8			Depth set
5 3/16			
4 1/2		2718	Perf. top <u>2444</u>
2			Perf. bottom <u>2445</u>
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 4 1/2 SIZE 2718 No. Ft. 8-11-62 Date  
225 sacks regular cement Dowell

COAL WAS ENCOUNTERED AT 0 FEET 0 INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES

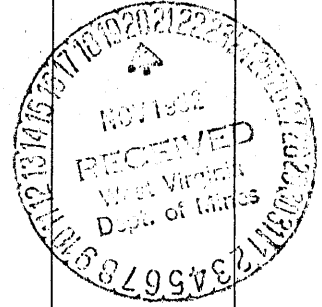
WELL FRACTURED Yes. By Dowell with 35,000 #'s of sand and 800 bbl of water

RESULT AFTER TREATMENT 30M cu. feet and 14 bbl per day

ROCK PRESSURE AFTER TREATMENT 575 #'s in 24 hours

Fresh Water None Feet \_\_\_\_\_ Salt Water None Feet \_\_\_\_\_

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil	Yellow	Soft	0	18			
Shale	Grey	Soft	18	67			
Shly sand	Grey	Soft	67	184			
Shale	Grey	Soft	184	273			
Shly sand	Grey	Soft	273	394			
Shale	Grey	Soft	394	514			
Shale & sandy shale	Grey	Soft	514	974			
Sand	White	Soft	974	1113			
Shale	Grey	Soft	1113	1295			
Shil sand	Grey	Hard	1295	1405			
Shale	Grey	Soft	1405	1510			
Sand	White	Hard	1510	1525			
Sandy shale	Grey	Soft	1525	1600			
Shly sand	Grey	Soft	1600	1647			
Shale	Grey	Soft	1647	1796			
Sand	White	Soft	1796	1822			
Shale	Grey	Soft	1822	1971			
Little lime	Brown	Hard	-1971	1984			
Shale	Green	Soft	1984	2014			
Big Lime	Brown	Hard	-2014	2074			
Keener	Grey	Hard	2074	2090			
Big Injun	Grey	Hard	2090	2159			
Shale	Green	Soft	2159	2238			
Shly sand	Grey	Soft	2238	2384			
Shale	Grey	Soft	2384	2439			
Sand	White	Soft	-2439	2448			
Sand-shale	Green	Soft	# 2448	2651	Gas & Oil	2440-48	
Sand	White	Soft	2651	2657			
Shale	Green	Soft	2657	2718	Gas & Oil	2652-57	



(over)  
TOTAL DEPTH 2718