



New Location
 Drill Deeper
 Abandonment

Company Southern Triangle Oil Co
 Address Alum Bridge, W. Va.
 Farm A. J. Spray
 Tract _____ Acres 147 Lease No. _____
 Well (Farm) No. One Serial No. _____
 Elevation (Spirit Level) 991
 Quadrangle Vadis INC
 County Doddridge District Cove
 Engineer W. H. Hall Jr.
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date January 1962 Scale 1" = 400' = 660'

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

WELL LOCATION MAP
 FILE NO. Dod-709

+ 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. 709

WELL RECORD

Oil or Gas Well Gas & Oil
(KIND)

Company Southern Triangle Oil Co.
Address Box 230, Mt. Carmel, Illinois
Farm A. J. Spray Heirs Acres 147
Location (waters) Fallen Timbers Run
Well No. 1 Elev. 991
District Cove County Doddridge
The surface of tract is owned in fee by A. J. Spray Heirs
Address Hurst, W. Va.
Mineral rights are owned by A. J. Spray Heirs
Address Hurst, W. Va.
Drilling commenced 2-15-62
Drilling completed 2-22-62
Date Shot _____ From _____ To _____
With _____
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume Show _____ Cu. Ft.
Rock Pressure 600 lbs. 24 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 1/4	8-5/8	103	103
6 5/8			Depth set
5 3/16			
3	4 1/2	2190	Perf. top <u>2074</u>
2			Perf. bottom <u>2102</u>
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 4 1/2 SIZE 2190 No. Ft 2-22-62 Date
with 100 sacks Hi-Early
COAL WAS ENCOUNTERED AT None FEET None INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

WELL FRACTURED Yes, by Dowell with 1,000 bbls. water and 40,000 bbls. sand.

RESULT AFTER TREATMENT 600M cu. ft. 1 day and 5 bbls. oil/day
ROCK PRESSURE AFTER TREATMENT 650 in 24 hrs.
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	24			
Shale	Grey	Soft	24	89			
Shly Sand	Grey	Soft	89	186			
Shale	Grey	Soft	186	275			
Sand	Grey	Soft	275	321			
Sandy Shale	Grey	Soft	321	477			
Shale	Grey	Soft	477	619			
Shly Sand	Grey	Soft	619	747			
Shale	Grey	Soft	747	874			
Sand	White	Soft	874	981			
Shale	Green	Soft	981	1021			
Sandy Shale	Grey	Soft	1021	1174			
Sand	White	Soft	1174	1218			
Shale	Grey	Soft	1218	1368			
Sand	White	Hard	1368	1435			
Shale & Shly	Sd. Grey	Hard	1435	1620			1st salt sd.
Shale	Grey	Soft	1620	1685			
Shly Sand	Grey	Hard	1685	1718			
Shale	Grey	Soft	1718	1814			
Shly Sand	Grey	Hard	1814	1888			
Shale	Red	Soft	1888	1911			
Little Lime	Brown	Hard	1911	1924			
Shale	Grey	Soft	1924	1941			
Blue Monday	White	Hard	1941	1952			
Shale	Green	Soft	1952	1958			
Eig Lime	Brown	Hard	1958	2009			
Sandy Lime	Brown	Hard	2009	2031			
Limy Sand	White	Hard	2031	2069			
Sandy Solomite	Tan	Hard	2069	2112			
Sandy Shale	Green	Soft	2112	2190	Gas & Oil	2072-2110	TOTAL DEPTH 2190

