



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

Company SOUTHERN TRIANGLE OIL CO.   
 Address Box 230, Mt. Carmel, Illinois   
 Farm E. F. Gamsjager   
 Tract \_\_\_\_\_ Acres 348 Lease No. \_\_\_\_\_   
 Well (Farm) No. One Serial No. \_\_\_\_\_   
 Elevation (Spirit Level) 846'   
 Quadrangle Vadis Wc   
 County Doddridge District Cove   
 Engineer W. H. J. [Signature]   
 Engineer's Registration No. 1227   
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_   
 Date July 1961 Scale 1" = 50 poles

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

**WELL LOCATION MAP**   
 FILE NO. Dod - 590

+ 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 9

Quadrangle Vadls

Permit No. 590

WELL RECORD

Oil or Gas Well Gas  
(KIND)

Company Southern Triangle Oil Co.  
Address Box 230, Mt. Carmel, Ill.  
Farm E. F. Gamsjager Acres 348  
Location (waters) Buck Run  
Well No. 1 Elev. 846  
District Cove County Doddridge  
The surface of tract is owned in fee by Edna F. Gamsjager  
Address Newkirk, Okla.  
Mineral rights are owned by Edna F. Gamsjager  
Address Newkirk, Okla.  
Drilling commenced 10-24-61  
Drilling completed 11-1-61  
Date Shot From To  
With  
Open Flow /10ths Water in Inch  
/10ths Merc. in Inch  
Volume Show Cu. Ft.  
Rock Pressure 250 lbs. 12 hrs.  
Oil bbls., 1st 24 hrs.  
WELL ACIDIZED

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			Size of
10			
8 5/8	67	67	Depth set
6 3/4			
5 3/16			Perf. top
3 4 1/2		2086	Perf. bottom
2			Perf. top <u>2020</u>
Liners Used			Perf. bottom <u>2030</u>

CASING CEMENTED 4 1/2" SIZE 2086 No. Ft. 11-2-61 Date  
By Dowell with 125 sacks HI-Early  
COAL WAS ENCOUNTERED AT None FEET None INCHES  
FEET INCHES FEET INCHES  
FEET INCHES FEET INCHES

WELL FRACTURED Yes with 40,000 # of sand and 900 bbl. water

RESULT AFTER TREATMENT 490 M cu. ft.

ROCK PRESSURE AFTER TREATMENT 425# 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	Black	Soft	0	10			
Clay	Yellow	Soft	10	25			
Shale	Grey	"	25	97			
Shly Sand	"	"	97	153			
Sand	White	"	153	204			
Sandy Shale	Grey	"	204	321			
Shly Sand	"	"	321	411			
Sand	White	Hard	411	514			
Shale	Grey	Soft	514	669			
Sandy Shale	"	"	669	796			
Shly Sand	"	"	796	841			
Sand	White	Hard	841	878			
Shale	Grey	Soft	878	935			
Sand	White	Hard	935	962			
Shly Sand	Grey	"	962	1041			

Formation	Color	Hard or Soft	Top ?	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sandy Shale	Grey	Soft	1041	1230			
Sand	White	Hard	1230	1249			
Shly Sand	Grey	Hard	1249	1294			
Sand	White	"	1294	1380			
Shale	Grey	Soft	1380	1441			
Sand	White	Hard	1441	1482			1st Salt sd.
Sandy Shale	Grey	Soft	1482	1510			
Shale	Grey	"	1510	1591			
Sand	White	Hard	1591	1602			
Sandy Shale	Grey	Soft	1602	1648			
Sand	White	Hard	1648	1698			
Shale	Grey	Soft	1698	1728			
Shly Sand	Grey	Hard	1728	1820			
Shale	"	Soft	1820	1834			
Little Lime	Brown	Hard	1834	1848			
Shale	Red	Soft	1848	1856			
Blue Monday	White	Hard	1856	1900			
Big Lime	Brown	"	1900	1940			
Lime	Grey	"	1940	1952			
Limy Sand	White	"	1952	2037	Gas & Oil	1954 to 1959	
Shale	Green	Soft	2037	2086	Gas	2020 -2031	
Total Depth				2086			
Fresh Water and Salt Water cannot be determined when drilling with a rotary rig.							

Date January 18, 19 62

APPROVED \_\_\_\_\_, Owner

By Secretary  
(Title)