



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

WELL LOCATION MAP

FILE NO. Dod-657

+ 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 14

Quadrangle Vadis

Permit No. D00-657

WELL RECORD

Oil or Gas Well gas
(KIND)

Company Southern Triangle Oil Co.
Address Box 230, Mt. Carmel, Illinois
Farm Willis Heirs Acres 203
Location (waters) Toms Fork
Well No. 1 Elev. 907
District New Milton County Doddridge
The surface of tract is owned in fee by Vada Willis
Address New Milton, W. Va.
Mineral rights are owned by Vada Willis et al
Address New Milton, W. Va.
Drilling commenced 11-12-61
Drilling completed 11-17-61
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume show _____ Cu. Ft.
Rock Pressure 100 lbs. 8 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			Depth set _____
8 5/8	85'	85	Perf. top <u>1996</u>
6 3/4			Perf. bottom <u>2000</u>
5 3/16			Perf. top <u>2046</u>
4 1/2		2115	Perf. bottom <u>2052</u>
2			
Liners Used			

CASING CEMENTED 4 1/2 SIZE 2 1/5 No. Ft. 11-18-61 Date
By Dowell with 100 sacks Hi-Early

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

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

RESULT AFTER TREATMENT 100 M cu. ft.

ROCK PRESSURE AFTER TREATMENT 320# 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	5			
clay	yellow	soft	5	15			
sand	yellow	soft	15	25			
shale	grey	soft	25	101			
shly. sand	grey	soft	101	152			
shale	grey	soft	152	242			
sand	white	soft	242	301			
shale	grey	soft	301	412			
shly. sand	grey	soft	412	503			
sandy shale	grey	soft	503	614			
shale	grey	soft	614	651			
sand	white	hard	651	708			
shly. sand	grey	hard	708	791			
shale	grey	soft	791	921			
sand	white	hard	921	939			
shly. sand	grey	hard	939	1014			
shale	grey	soft	1014	1181			
shly. sand	grey	hard	1181	1206			
shale	grey	soft	1206	1310			
sand	white	hard	1310	1396			1st salt sand
shale	grey	soft	1396	1471			

Formation	Color	Hard or Soft	Top <i>14</i>	Bottom	Oil, Gas or Water	Depth Found	Remarks
sand	white	hard	1471	1524			
shale	grey	soft	1524	1603			
shly, sand	grey	hard	1603	1684			
shale	grey	soft	1684	1769			
shly, sand	grey	hard	1769	1804			
shale	grey	soft	1804	1848			
shly. sand	grey	hard	1848	1865			
little lime	brown	hard	1865	1875			
shale	red	soft	1875	1886			
Blue Monday	white	hard	1886	1920			
Bit Lime	brown	hard	1920	1962			
sandy lime	grey	hard	1962	1984			
lime sand	white	hard	1984	1996			
sand	white	hard	1996	2020	gas	1996	2002
limy sand	white	hard	2020	2052	gas	2046	2052
s hale	grey	soft	2052	2115			
Total depth	2115						

Date January 31, 19 62

APPROVED Southern Triangle Oil Company, Owner

By J. W. Williams
President (Title)