



- New Location.
- Drill Deeper.....
- Redrill.....
- Abandonment.....

Company	TRIANGLE OIL CO.
Address	MT. CARMEL ILL.
Farm	J.M.L. SMITH
Tract	Acres 18.3 Lease No.
Well (Farm) No.	1 Serial No.
Elevation (Spirit Level)	998.5
Quadrangle	WEST UNION - SE
County	DODDRIDGE District WEST UNION
Engineer	G. H. Hall
Engineer's Registration No.	2602
File No.	Drawing No.
Date	4-18-61 Scale 1"=200'

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

WELL LOCATION MAP
FILE NO. DOD-546

+ 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 West Union

Permit No. Dod 546

WELL RECORD

Oil or Gas Well gas
(KIND)

Company Southern Triangle Oil Company
Address Box 230, Mt. Carmel, Illinois
Farm J. M. L. Smith Acres 20
Location (waters) Doe Run
Well No. 1 Elev. 1002
District West Union County Doddridge
The surface of tract is owned in fee by J. M. L. Smith
Address West Union, W. Va.
Mineral rights are owned by J. M. L. Smith
Address West Union, W. Va.
Drilling commenced 5-12-61
Drilling completed 5-24-61
Date Shot _____ From _____ To _____
With _____
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED with 100,000 gals.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10			Size of
8 1/4	30'	30'	
6 3/8			Depth set
5 3/16			
X ₃ 4"		2150"	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 4 1/2 SIZE 2150' No. Ft. 5-24-61 Date
125 sacks Hi-Ead y Cement Dowell
COAL WAS ENCOUNTERED AT none FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT 150,000 cf/day
ROCK PRESSURE AFTER TREATMENT 150 lbs. 12 Hours
Fresh Water _____ Feet Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
soil		soft	0	40			
lime & shale		soft	40	255			
shale		soft	255	510			
sand & shale		510	510	585			
limestone			585	640			
shale			640	705			
sand & shale			705	1110			
limestone & shale			1110	1415			
limestone			1415	1465			
shale			1465	1500			
sand			1500	1570			
shale			1570	1640			
limestone			1640	1690			
shale			1690	1735			
sand			1735	1785			
shale sand			1785	1862			
shale			1862	1900			
limestone			→ 1900	1970			
sand			1970	2060			
shale			2060	2210	gas & oil	1980-87	
sandy shale			2210	2310	gas	2010-26	
sandy shale			2310	2640			
sandy shale			2640	2646			
shale			2646	2825	SO		
				2825			

TD