





STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 5

Rotary   
Spudder   
Cable Tools   
Storage

Quadrangle West Union

Permit No. Dod. - 957

WELL RECORD

Oil or Gas Well Oil (KIND)

Company Southern Triangle Oil Company  
Address 104 Bank St., Weston, W. Va.  
Farm H. H. Shinn Acres 81  
Location (waters) Lick Run 1043-20  
Well No. 1-A Elev. 1114  
District Central County Doddridge  
The surface of tract is owned in fee by Fred James  
Central Station, W. Va.  
Mineral rights are owned by Sina Shinn, et al  
West Union, W. Va.  
Drilling commenced 4-25-63  
Drilling completed 5-12-63  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume Show Cu. Ft.  
Rock Pressure 610 lbs. 24 hrs. hrs.  
Oil Show bbls., 1st 24 hrs.  
WELL ACIDIZED \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16	20	20	
13			
10			Size of
8 1/4	1184	220	
6 3/8			Depth set
5 3/16			
3 4 1/2"		2215	Perf. top
2			Perf. bottom
Liners Used			Perf. top <u>2126</u>
			Perf. bottom <u>2134</u>

CASING CEMENTED 4 1/2" SIZE 2215 No. Ft. 5-12-63 Date  
with 100 sacks of cement DOWELL

COAL WAS ENCOUNTERED AT 0 FEET 0 INCHES  
FEET INCHES FEET INCHES  
FEET INCHES FEET INCHES

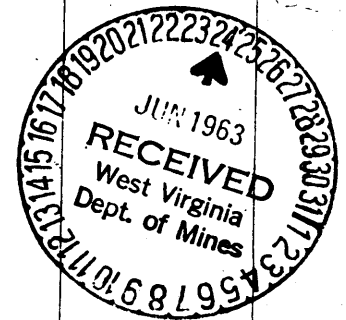
WELL FRACTURED Yes, by Dowell with 30,000# of sand and 800 bbl. of water

RESULT AFTER TREATMENT 500 cu. ft. gas and 60 bbls. of oil per day

ROCK PRESSURE AFTER TREATMENT 610 # in 24 hrs.

Fresh Water None Feet Salt Water None Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red rock			0	100			
Sand			100	136			
Gray lime			136	169			
Red rock			169	192			
Gray lime			192	205			
Red rock			205	260			
Gray shale			260	320			
Red rock			320	350			
Gray shale			350	385			
Red rock			385	450			
Gray lime			450	480			
Red rock			480	505			
Gray shale			505	527			
Sand			527	550			
Red rock			550	617			
Sand			617	684			
Gray shale			684	775			
Lime			775	790			
Gray shale			790	872			
Lime			872	882			
Red rock			882	910			
Sandy gray shale			910	925			
Red rock			925	970			
Lime			970	1028			
Sand			1028	1056			
Lime			1056	1070			
Black shale			1070	1080			
Lime			1080	1094			
Gray shale & red rock			1094	1180			



Formation	Color	Hard or Soft	Top $\zeta$	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sandy lime			1180	1209			
Gray shale			1209	1225			
Sand			1225	1242			
Black slate			1242	1262			
Sand			1262	1304			
Gray lime (broken)			1304	1337			
Gray shale			1337	1347			
Lime (broken)			1347	1390			
Sand			1390	1444			
Sandy lime			1444	1465			
Dark Shale			1465	1483			
Sand			1483	1657			
Dark shale			1657	1715			
Sand			1715	1760			
Dark shale			1760	1799			
Sand			1799	1840			
Lime			1840	1858			
Dark shale			1858	1917			
Sand			1917	1927			
Gray shale & red rock			1927	1972			
Dark shale			1972	1987			
Lime			-1987	2005			
Slate			2005	2018			
Lime			-2018	2096			
Sand (injun)			2096	2179	Gas & oil	2126-36	
Slate break			2179	2180			
Sand (broken)			2180	2207			
Shale			2207	2215			
			Total depth	2215			

Date June 17, 1963

APPROVED Southern Triangle Oil Co., Owner

By *James E. Capin*  
 (Title) James E. Capin, Geologist