M/. 39 10 3 Latitude -1 ٥ 80 - 2 Maple - 3 No 1 Elev = 992' 100 AC. HINTER JOHN Gookester New Location .. Drill Deeper ...... Abandonment..... Company SOUTHERN TRIANGLE OIL CO. STATE OF WEST VIRGINIA Address Box 230 M+ Carmel Illinois DEPARTMENT OF MINES OIL AND GAS DIVISION Farm John Hinton CHARLESTON \_\_\_ Acres <u>/ O \_\_</u> Lease No. WELL LOCATION MAP Well (Farm) No. One Serial No. FILE NO. Dod - 608 Quadrangle Holbrook + Denotes location of well on United States County Doddridge District Cove Topographic Maps, scale 1 to itude and longitude lines being represented Engineer Mostor by border lines as shown. Engineer's Registration No. 1227 Denotes one inch spaces on border line Drawing No. File No. of original tracing. Date August 1961 \_Scale\_\_ K-E 156 IMPERIAL TRACING CLOTH T.M.

P

Shale

Sand

Shly Sand

Sandy Shale

Shly Sand

11

White

Grey

11

Hard

Soft

Hard



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

Quadrangle	Vādis				
	400	600 pmg			

Roth Ry

WELL RECORD 608 - DOD Permit No .\_\_\_ Oil or Gas Well Ga Company Southern Triangle Oil Co. Used in Drilling Casing and Tubing Left in Well Address Box 230, Mt. Carmel, III. Packers Farm J. Hinter Burton Run Location (waters)\_\_ Size Elev. 992 Well No ... Kind of Packer\_ County Doddridge Cove District\_\_\_ J. Hinter The surface of tract is owned in fee by\_\_ Size of\_ 81/4 8 5/811 Address Leopold, W. Va. 44 Mineral rights are owned by \_\_\_\_ Hinter 65/8\_\_\_ Depth set. Address Leopold, W. 5 3/16 12-5-61 2164  $3_{-}4\frac{1}{2}$ Drilling commenced\_ Perf. top. 12-18-61 Drilling completed\_\_\_ Perf. bottom Perf. top 2055 Date Shot\_ From\_\_\_\_ To\_ Liners Used. With\_ Perf. bottom 2070 Open Flow /10ths Water in. \_Inch \_/10ths Merc, in\_ Inch CASING CEMENTED 4 size 2 64 No. Ft. 12-18-6 bate Show Volume\_ Cu. Ft. By Dowell with 100 Sacks Hi-Early Rock Pressure\_\_\_ COAL WAS ENCOUNTERED AT None FEET None INCHES Oil FEET \_INCHES\_ \_FEET\_\_ WELL ACIDIZED \_INCHES and 850 bbl. of water. FEET \_\_INCHES 40,000 # of sand, WELL FRACTURED Testing after frac. 75,000 cu. ft. per day (4/14/62) RESULT AFTER TREATMENT\_ None taken ROCK PRESSURE AFTER TREATMENT\_ Fresh Water\_ <u>Non e</u> None \_Feet. Salt Water... Feet Oil, Gas or Water Hard or Formation Color Ton Bottom Depth Remarks Soil Black Soft O 10 Clay Yellow 10 24 Shale Grev 24 98 Sandy Shale 98 214 249 Sand White 214 302 249 Shly Sand Grey 11 302 413 Shale Hard 413 482 Shly Sand 11 482 531 White SandSandy Shale Soft 531 604 Grev 11 11 604 651

(over)

738

763

822

911

651

738

763

822

ation	Color	Hard or Soft	Top 5	Bottom	Oil, Gas or Water	Depth Found	Remarks
`	White	Hard	911	948			
	Grey	Soft	948	1003			
and .	11	Hard	1003	1108			
-	White	Hard	1108	1159			
Shale	Grey	Soft	1159	1234			
	11	11	1234	1329		\	
	White	Hard	1329	1416			lst Salt Sd.
	Grey	Soft	1416	1440			
and	11	Hard	1440	1455			
Shale	Grey	Soft	1455	1563			
<b>a</b> nd	11	Hard	1563	1575			
Shale	11	Soft	1575	1660			
	Grey	11	1660	1721			
	White	Hard	1721	1773			
Shale	Grey	Soft	1773	1822			
	Grey	Soft	1822	1848			
and	11	Hard	1848	1890			* * * *
	11	Soft	1890	1899			
Lime	Brown	Hard -	1899	1912			
	Red	Soft	1912	1918			
onday	White	Hard	1918	1930			,
	Green	Soft	1930	1941			
me	Brown	Hard -	1941	1988			
and	Grey	a jiraa a a	1988	2002	Gas	2028 -	9
70	W/I • 1	•	0000	0000	•		
	White	<b>"</b>	2002	2088	<b>"</b>	2052 <b>-</b> 2075	
	Grey	Soft	2088	2162			
		Total [	epth	2162		·	
				• · · · · · · · · · · · · · · · · · · ·			
	Fresl	Water and	Salt Wate	r cannot	pe determi	ned when	
	urii.	THE WILL	υ ισιατή Γ	9•			
	and Shale and Shale and Lime onday me	White Grey  and White Shale Grey  and Shale Grey  And Shale Grey  And Shale Grey  And White Grey  White Grey  And II  Lime Brown Red  Onday White Green Brown And Grey  White Grey  The Gr	White Hard Grey Soft And "Hard White Hard Shale Grey Soft """ White Hard Grey Soft And "Hard Shale Grey Soft Grey " White Hard Shale "Soft Grey " White Hard Shale Grey Soft And "Hard Shale Grey Soft Grey Soft Total Corey Soft Total Corey Soft	White Hard 911 Grey Soft 948  and "Hard 1003 White Hard 1108 Shale Grey Soft 1159 "1234 White Hard 1329 Grey Soft 1416 and "Hard 1440 Shale Grey Soft 1455 and "Hard 1563 Shale "Soft 1575 Grey "1660 White Hard 1721 Shale Grey Soft 1822 and "Hard 1848 "Soft 1890 Lime Brown Hard 1848 "Soft 1890 Lime Brown Hard 1918 Green Soft 1930 me Brown Hard 1918 Green Soft 1930 me Brown Hard 1941 and Grey "1988 "White "2002 Grey Soft 2088 Total Depth	White Hard 911 948 Grey Soft 948 1003  and "Hard 1003 1108 White Hard 1108 1159 Shale Grey Soft 1159 1234 "11234 1329 White Hard 1329 1416 Grey Soft 1416 1440 and "Hard 1440 1455 Shale Grey Soft 1455 1563 and "Hard 1563 1575 Shale "Soft 1575 1660 Grey "1660 1721 White Hard 1721 1773 Shale Grey Soft 1822 1848 and "Hard 1848 1890 Grey Soft 1822 1848 and "Soft 1890 1899 Lime Brown Hard 1848 1890 Red Soft 1912 1918 onday White Hard 1918 1930 Green Soft 1930 1941 me Brown Hard 1941 1988 and Grey Soft 2088 2002 "White "2002 2088 Grey Soft 2088 2162	White Hard 911 948 Grey Soft 948 1003 And "Hard 1003 1108 White Hard 1108 1159 Shale Grey Soft 1159 1234 "11234 1329 White Hard 1329 1416 Grey Soft 1416 1440 And "Hard 1440 1455 Shale Grey Soft 1455 1563 And "Hard 1563 1575 Shale "Soft 1575 1660 Grey "1660 1721 White Hard 1721 1773 Shale Grey Soft 1822 1848 And "Hard 1848 1890 Shale Grey Soft 1890 1899 Lime Brown Hard 1848 1890 "Soft 1890 1899 Lime Brown Hard 1918 1930 Green Soft 1930 1941 Me Brown Hard 1918 1930 Green Soft 1930 1941 Me Brown Hard 1941 1988 And Grey "1988 2002 Gas "White "2002 2088 " Grey Soft 2088 2162 Total Depth 2162	## White Hard 911 948   Grey Soft 948 1003     And " Hard 1003 1108     White Hard 1108 1159     Shale Grey Soft 1159 1234     " " 1234 1329     White Hard 1329 1416     Grey Soft 1416 1440     And " Hard 1440 1455     Shale Grey Soft 1455 1563     And " Hard 1563 1575     Shale Grey Soft 1455 1563     Soft 1575 1660     Grey " 1660 1721     White Hard 1721 1773     Shale Grey Soft 1822 1848     And " Hard 1848 1890     Soft 1890 1899     Lime Brown Hard 1899 1912     Red Soft 1912 1918     Onday White Hard 1918 1930     Green Soft 1930 1941     me Brown Hard 1941 1988     and Grey " 1988 2002     Gas 2028

	Date	Janu ary	8	, 1962
APPROVED				, Owner
Ву	72744	Secretary		
		(Title)		

MATHEWS PRINTING AND LITHOGRAPHING CO