

New Location NOTE:
 Drill Deeper J.L. Cottrill, Rt. - 2, Salem, W. Va. owns in Fee.
 Abandonment

Company TRIO OIL & GAS CO.
 Address 10 CHARTER STINESPRING, PRES. WEST UNION, W. VA.
 Farm J. L. COTTRILL
 Tract _____ Acres 68.8 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 1097'
 Quadrangle CENTERPOINT - SC
 County DODDRIDGE District GRANT
 Engineer John W. Hamilton
 Engineer's Registration No. 2274
 File No. _____ Drawing No. _____
 Date AUG. 12, 1961 Scale 1" = 20 POLES

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

WELL LOCATION MAP
 FILE NO. DOD-612

+ 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 6

Quadrangle Centerpoint

Permit No. DOD-612

WELL RECORD

Oil or Gas Well Gas
(KIND)

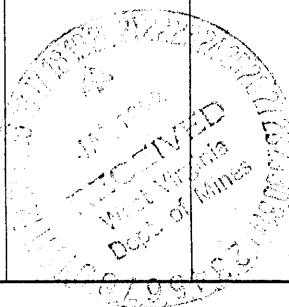
Company Trio Oil and Ga Company
Address Box 264, West Union, W. Va.
Farm J.L. Cottrill Acres 68
Location (waters) Morgans Run
Well No. 1 Elev. 1097'
District Grant County Doddridge
The surface of tract is owned in fee by J.L. Cottrill
Address West Union, W. Va.
Mineral rights are owned by Same
Address _____
Drilling commenced 9/19/61
Drilling completed 11/9/61
Date Shot _____ From _____ To _____
With _____
Open Flow .1/10ths Water in 1" Inch
/10ths Merc. in _____ Inch
Volume 10 mcf Cu. Ft.
Rock Pressure 40# lbs. 24 hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED yes

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16	9'	none	Kind of Packer _____
13			
10	131	none	Size of _____
8 3/4	485	none	
6 3/8	967	none	Depth set _____
5 3/16	1924	all	
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED SIZE 5 3/16 No. Ft. _____ Date _____
30 sks. cement, 7 sks. aquagel GARATON
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

RESULT AFTER TREATMENT 5.0 through 2 # 2.45 mcf 245,000 cu. ft.
ROCK PRESSURE AFTER TREATMENT 285# 24 HOURS
Fresh Water 135' Feet Salt Water 1493' Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil			1	20		20	
Slate			20	25		5	
Slate			25	65		40	
Red Rock			65	75		10	
Sand			75	93		18	
Slate			93	102		9	
Sand			102	108		6	
Slate			108	128		20	
Lime			128	138		10	
Red Rock			138	180		42	
Gray Shale			180	215		35	
Red Rock			215	238		23	
Gray Shale			238	285		47	
Black Shale			285	288		3	
Lime			288	300		12	
Shale			300	348		48	
Redc Rock			348	355		7	
Lime			355	365		10	
Gray Shale			365	388		23	
Sand			388	405		17	
Gray Shale			405	500		95	
Red Rock			500	505		5	
Gray Shale			505	560		55	
Redc Redc Rock			560	566		6	
Gray Shale			566	592		26	
Sand			592	607		15	
Gray Shale			607	675		68	
Black Shale			675	688		13	
Black Lime			688	700		12	
Blue Shale			700	709		9	



Formation	Color	Hard or Soft	Top 6	Bottom	Oil, Gas or Water	Depth Found	Remarks
Gray Shale			709	768		59	
Red Rock			768	802		34	
Gray Shale			802	827		25	
Sandy Lime			827	844		17	
Brown Shale			844	850		6	
Lime			850	864		14	
Gray Shale			864	912		48	
Slate			912	920		8	
Shale			920	955		35	
Gray Shale			955	972		17	
Sand			972	988		16	
Black Lime			988	1044		56	
Brown Lime			1044	1055		11	
Blue Shale			1055	1118		63	
Lime			1118	1178		60	
Sandy Shale			1178	1200		22	
Sand			1200	1238		38	
Black Lime			1238	1250		13	
Sandy Shale			1250	1297		47	
Sand			1297	1328		31	
Black Shale			1328	1348		20	
Lime			1348	1365		17	
Slate			1365	1417		52	
Sand			1417	1493		76	
Gray Shale			1493	1548	14 Bail Watwer	55	
Sandy Lime			1548	1557	Per Hr.	9	
Sand			1557	1623	Show Gas	66	
Lime			1623	1650		27	
Sand			1650	1683		33	
Gray Shale			1683	1718		35	
Limy Shale			1718	1764		46	
Lime			1764	1775		11	
Black Slate			1775	1779		4	
Coal			1779	1801		2	
Sand			1801	1818		17	
Lime			1818	1835		17	
Shale			1835	1855		20	
Big Lime			1855	1919		64	
Sand			1919	1948	Show Gas	29	
Lime			1948	1963		15	
Sand			1963	2005		42	
Shale			2005	2008		3	
Shale			2008	2014		6	

Date January 14, 1962

APPROVED Trio Oil and Gas Co., Inc., Owner

By *Carl P. ...*
(Title)