



Source of Elevation:
State Road Comm. R. M. Job. W. Va. 7 & U. S. 19

New Location
Drill Deeper
Abandonment

I, THE UNDERSIGNED HEREBY CERTIFY THAT THIS MAP IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY PARAGRAPHS OF THE RULES AND REGULATIONS OF THE OIL & GAS SECTION OF THE MINING LAWS OF WEST VIRGINIA.
RESERVE OF ACCURACY 1:2500

Company ALLEGHENY LAND & MINERAL Co
 518 PROFESSIONAL BUILDING
 Address CLARKSBURG, W. VA.
 Farm M. E. & L. M. MARTIN
 Tract _____ Acres 25.77 Lease No. _____
 Well (Farm) No. A-321 Serial No. _____
 Elevation (Spirit Level) 1157.91
 Quadrangle BLACKSBURG NE
 County MANCHESTER District CASS
 Engineer Ralph E. Behm
 Engineer's Registration No. 441
 File No. 2-190-250 Drawing No. 9711
 Date July 15-1966 Scale 1" = 200'

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

WELL LOCATION MAP
FILE NO. Mod-299-P

+ 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.

JUN 4 1968



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle _____

WELL RECORD

Permit No. Mon-299

Oil or Gas Well Gas

Company Allegheny Land & Mineral Co.
Address Clarksburg, W.Va.
Farm M.E.&L.M.Martin Acres 26
Location (waters) _____
Well No. A-321 Elev. 1158
District Cass County Monongalia
The surface of tract is owned in fee by Michael Gere Hrs
Address Morgantown, W.Va
Mineral rights are owned by Martin Hairs
Address Morgantown, W.Va
Drilling commenced September 20, 1966
Drilling completed " 27, "
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume Show only Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil Show only at 1270 bbls., 1st 24 hrs.
WELL ACIDIZED _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	20'	20'	
10	145'	145'	Size of
8 1/4	426'	426'	
6 5/8			Depth set
5 3/4	2870'	2870'	
3			Perf. top <u>1802</u>
2			Perf. bottom <u>1820</u>
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 4 1/2" SIZE 1450 No. Ft. 9-27-66 Date
150 Bags Cement - Cemented by Hallibur
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

WELL FRACTURED October 27, 1966 By Halliburton

RESULT AFTER TREATMENT 173 M Gas
ROCK PRESSURE AFTER TREATMENT 125# 16 hour
Fresh Water _____ Feet Salt Water Show

RECEIVED
JAN 3 1967
3 Feet 1640
W. VA. DEPT. OF MINES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Shale & Lime			0	75			
Limey slate & sand streaks			75	267			
Swickley Coal (Mined out)			267	274			
Lime & slate			274	362			
Pittsburgh Coal (Mined out)			362	372			
Lime & slate			372	1100			
Sand			1100	1120			
Lime & slate			1120	1160			
Sandy Lime			1160	1300	Oil	1270	Show
Shale			1300	1330			
Sandy lime			1330	1430			
Shale & sand streaks			1430	1620			
Sand			1620	1650			
Lime <u>Big Lime</u>			1650	1710			
Sand <u>INSUN 371</u>			1710	1830	Gas	1800-1820	Show
Shale			1830	1910			
Sand			1910	1940			
Shale & sand streaks			1940	2250			
Sand			2250	2300			
Sandy shale			2300	2350			
Shale & sand stringers			2350	2700			
Sand			2700	2730			
Shale			2730	2760			
Sand <u>5TH</u>			2760	2830			
Shale			2830	2950			
Total depth				2950			