

MAP SHEET 56 S20 E16 F.B. 1297 P 36 & 37
 Minimum Error of Closure... 1' in 200
 Source of Elevation... U.S. - E Rd top of hill
 El. 1296.6

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 paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Company HOPE NATURAL GAS CO.
 Address CLARKSBURG, W.VA.
 Farm THOMAS S. SABATELLI
 Tract _____ Acres 316.88 Lease No. 66661
 Well (Farm) No. _____ Serial No. 10628
 Elevation (Spirit Level) 1309
 Quadrangle WESTON - N.E.
 County HARRISON District ELK
 Engineer Jackson M. Jarvis
 Engineer's Registration No. 2397
 File No. _____ Drawing No. _____
 Date 3-2-64 Scale 1" = 1320'

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

WELL LOCATION MAP
 FILE NO. HAR-336

+ 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

Rotary
Spudder
Cable Tools
Storage

Quadrangle WESTON

Permit No. HAR-336

WELL RECORD

Oil or Gas Well Storage
(KIND)

Company Hope Natural Gas Company
Address Clarksburg, W. Va.
Farm Thomas Sabatelli Acres 316
Location (waters) _____
Well No. 10628 Elev. 1309
District Elk County Harrison
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced 4-28-64
Drilling completed 5-8-64
Date Shot Not shot From _____ To _____
With _____
Open Flow 10ths Water in _____ Inch
10ths Merc. in _____ Inch
Volume 80 M Cu. Ft.
Rock Pressure 329 lbs. 24 hrs.
Oil None bbls., 1st 24 hrs.
WELL ACIDIZED No
WELL FRACTURED No

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	93	93	Size of
8 1/2			
6 3/4	1710	1710	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

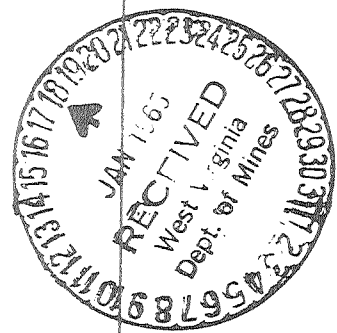
CASING CEMENTED 7" SIZE 10" No. Ft. _____ Date _____
7" casing cemented with 500 bags 10" w/70 bags
COAL WAS ENCOUNTERED AT NONE FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT

ROCK PRESSURE AFTER TREATMENT

Fresh Water Rotary-no record Feet _____ Salt Water _____ Feet _____

FORMATION	Open or Close Hard or Soft	TOP	BOTTOM	Steel Line Measurement	Water Found Depth	Oil Found Depth	Gas Found Depth	REMARKS
LIFT		0	15					
SHALE (RED & GREEN)		15	245					
SHALE		245	265					
SHALE		265	275					
SHALE		275	322					
SHALE		322	358					
SHALE		358	492					
SHALE		492	510					
SHALE		510	555					
SAND		555	580					
SHALE (BLACK)		580	630					
SHALE		630	685					
SHALE (WHITE)		685	695					
SHALE & SAND		695	705					
SHALE (BLACK)		705	750					
FIRST SALT		750	855					
SHALE (BLACK)		855	910					
COND SALT		910	970					
SAND		970	995					
SHALE		995	1060					
COND SALT		1060	1110					
SHALE		1110	1125					
SHALE		1125	1150					
SHALE (RED & GRAY)		1150	1225					
SHALE (GRAY)		1225	1315					
SHALE		1315	1415					
SHALE		1415	1524					
SHALE		1524	1555					
SHALE		1555	1798					
TOTAL DEPTH		1798						



Electric log shows gantz sand from 1748' to 1764'
Ran 1,710.73' of 7" csg. Drilled 6 1/2" Hole 1714-21. Cored from 1724 to 1798'