

Map Sheet 56A 529 E25 FB 1320 P16-17.

Minimum Error of Closure 1" in 200'

Source of Elevation ELEV. FROM HOPE WELL # 10408  
ELEV 1415'

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 HOY R. MURPHY  
 Tract \_\_\_\_\_ Acres 79 Lease No. 70683  
 Well (Farm) No. \_\_\_\_\_ Serial No. 10661  
 Elevation (Spirit Level) 1524'  
 Quadrangle PHILIPPI 50  
 County UPSHUR District WARREN  
 Engineer Guy A. Bradley  
 Engineer's Registration No. 2425  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 6-23-64 Scale 1"=40P

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

WELL LOCATION MAP  
 FILE NO. UPS-850

+ 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 36

Rotary   
Spudder   
Cable Tools   
Storage

Quadrangle PHILIPPI

Permit No. UPS-850

WELL RECORD

Oil or Gas Well Gas  
(KIND)

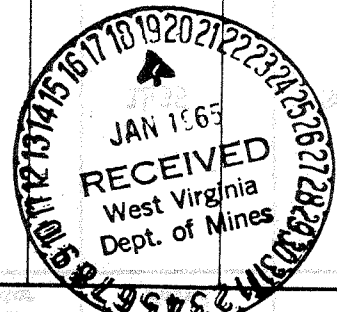
Company Hope Natural Gas Company  
Address Clarksburg, W. Va.  
Farm Hoy R. Murphy Acres 79  
Location (waters) \_\_\_\_\_  
Well No. 10661 Elev. 1524'  
District Warren County Upshur  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_  
Drilling commenced 8-5-64  
Drilling completed 9-25-64  
Date Shot Not shot From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume 119 M Cu. Ft.  
Block Pressure 1200# lbs. 20 hrs.  
Flow None bbls., 1st 24 hrs.  
WELL ACIDIZED No  
WELL FRACTURED 10-6-64

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	582	582	Size of
8 1/2	1317	1317	
6 3/4			Depth set
5 3/16			
<del>xxx</del> 4 1/2"	4038	4038	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
4 1/2" cemented w/135 bags 10" w/25 bags  
COAL WAS ENCOUNTERED AT 35 FEET 60 INCHES  
FEET INCHES FEET INCHES  
FEET INCHES FEET INCHES

RESULT AFTER TREATMENT 2,398 M  
BLOCK PRESSURE AFTER TREATMENT 1500# in 1 1/2 days  
Fresh Water See log Feet \_\_\_\_\_ Salt Water See log Feet \_\_\_\_\_

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay, Yellow			0	35			
Coal			35	40			
Clay			40	86	Water	50'	1 blr hour
Sand			86	107	Water	100'	6 blrs hour
Clay			107	130			
Sand			130	200			
& S			200	225			
Sand			225	260			
Clay			260	270			
Lime			270	310			
& S			310	420			
Black Lime			420	468			
Gritty Lime			468	474			
Sand			474	490			
& S			490	515			
Sand			515	555			
& S			555	583			
Gritty Lime			583	595			
Clay			595	630			
Sand			630	660			
Clay			660	690			
Sand			690	750			
Lime Black			750	780			
Clay			780	792			
Lime			792	810			
& S			810	950			
R. & Shells			950	1085			
Lime Gritty			1085	1095			
Clay			1095	1100			
Sand Broken			1100	1150			



Formation	Color	Hard or Soft	Top <sup>36</sup>	Bottom	Oil, Gas or Water	Depth Found	Remarks
R.R. & Shells			1150	1235			
Slate Blue			1235	1248			
Lime Little			1248	1274			
Slate			1274	1300			
Lime Big			1300	1425			
Lime Gritty			1425	1440	Gas	1435	Smell
R.R.			1440	1445			
Sand			1445	1510			
Lime			1510	1565			
Slate			1565	1572			
Lime White			1572	1594			
Sand			1594	1655			
S & S			1655	1755			
Pink Rock			1755	1796			
Gritty Lime			1796	1860			
R.R. & Shells			1860	1872			
Sand			1872	1885			
S & S			1885	1891			
R.R. & Shells			1891	2120			
Gritty Lime			2120	2156			
S & S			2156	3091			
Lime			3091	3328			
S & S			3328	3590			
Sand - R.?			3590	3620			
S & S			3620	3936			
Benson			3936	3960	Gas	3951-56	
S & S			3960	4055			
TOTAL DEPTH			4055				

Date January 18, 1965, 19

APPROVED Hope Natural Gas Company, Owner

By Jack Bailey  
(Title)

