



- New Location
- Drill Deeper
- Abandonment

MAP SHEET 161W 5103 W56 F.B.1241 P17

Company HOPE NATURAL Gas Co.
 Address CLARKSBURG W.VA.
 Farm ALBERT H. COLE ET AL
 Tract _____ Acres 3419 Lease No. 68059
 Well (Farm) No. _____ Serial No. 10338
 Elevation (Spirit Level) 1625'
 Quadrangle BALD KNOB N.E.
 County BOONE District SHERMAN
 Engineer Jackson M. Jarrett
 Engineer's Registration No. 2397
 File No. _____ Drawing No. _____
 Date 8/3/61 Scale 1"=2000'

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

WELL LOCATION MAP

FILE NO. 300-929-WELL #10338

+ 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.

JAS.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle BALD KNOB
Permit No. 800-929

WELL RECORD

Oil or Gas Well GAS
(KIND)

Company Hope Natural Gas Company
Address Clarksburg, W. Va.
Farm Albert H. Cole Acres 3419
Location (waters)
Well No. 10338 Elev. 1625
District Sherman County Boone
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced 11-3-61
Drilling completed 1-24-62
Date Shot Not shot From _____ To _____
With _____
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume 112 M Cu. Ft.
Rock Pressure 760# lbs. 15 hrs.
Oil None bbls., 1st 24 hrs.
WELL ACIDIZED No
WELL FRACTURED 1-31-62

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
18			
10	854	854	Size of
8 1/2	2005	2005	
6 3/4	3340	3340	Depth set
5 3/16			<i>from P. I. Card</i>
3			Perf. top <u>3093</u>
2			Perf. bottom <u>3135</u>
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 7" casing cemented with 150 bags cement
SIZE No. Ft. Date
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
See log FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

RESULT AFTER TREATMENT 3,391 M
ROCK PRESSURE AFTER TREATMENT Same
Fresh Water See log Feet Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface			0	20			
Sand			20	39			
COAL			39	41			
Slate			41	45			
Sand			45	90	Water	80	Fresh 2 hrs hour
Slate			90	100			
Sand			100	114			
Slate			114	144			
Sand			144	248			
Slate			248	253			
Sand			253	296			
Slate			296	324			
Sand (Broken)			324	333			
COAL			333	335			
Sand			335	347			
Slate			347	349			
COAL			349	351			
Sand			351	355			
Lime (Black)			355	405			
Slate & Shale			405	448			
Sand			448	538			
COAL			538	540			
Slate			540	555			
Lime (Black)			555	587			
Sand			587	645			
Sand (Broken)			645	678			
Sand (Hard)			678	690			
Sand (Broken)			690	713			
Slate			713	724			
COAL			724	726	Water	724-26	4 hrs hour



Formation	Color	Hard or Soft	Top	Bottom	M. Gas or Water	Depth Found	Remarks
Slate & Shale			726	742			
Sand			742	772			
Sand (Broken)			772	804			
Lime (Grey)			804	818			
Slate			818	838			
Sand			838	871			
Slate & Shale			871	925			
Sand			925	942			
Slate & Shale			942	1,097			
Sand (Broken)			1,097	1,176			
Slate			1,176	1,188			
Sand			1,188	1,391			
Slate			1,391	1,410			
Sand			1,410	1,461			
Slate			1,461	1,478			
Sand			1,478	1,591	Gas	1530	Show
Slate			1,591	1,595			
Sand (Hard)			1,595	1,682	Salt water	1627	1 blr hour
Slate			1,682	1,689			
Sand (Hard)			1,689	1,790			
Slate			1,790	1,799			
Lime (Grey)			1,799	1,815			
RAVENCLIFF			1,815	1,963			
Slate & Shale			1,963	1,974			
AVIS			1,974	2,032			
Sand			2,032	2,070			
Lime (Black)			2,070	2,097			
Red Rock			2,097	2,114			
Slate & Shale			2,114	2,155			
Slate			2,155	2,179			
Lime (Dark)			2,179	2,210			
MAXTON			2,210	2,377	Gas	2290	Show
Slate & Shale			2,377	2,397			
Red Rock			2,397	2,411	Gas P.I. cond	2290 to 2295	
Lime (Grey)			2,411	2,418		and	
Slate			2,418	2,426		2325 to 2332	
Lime (Light)			2,426	2,435			
Sand (Hard)			2,435	2,445			
Red Rock			2,445	2,470			
Slate & Shale			2,470	2,542			
Lime (Black)			2,542	2,565			
Slate			2,565	2,613			
PENCIL CAVE			2,613	2,620			
Lime (Little)			2,620	2,731			
BIG LI ME			2,731	3,008			
Sand			3,008	3,038			
WEIR			3,038	3,276	Gas	3240	223 M
Shells			3,276	3,351			Blew down t
TOTAL DEPTH				3,351			112

Date February 23, 1962

APPROVED *Jack Doherty* Hess Natural Gas Company

