



Company Hope Natural Gas Co.
 Address Clarksburg, W.Va.
 Farm Gus Mankin
 Tract _____ Acres 254 Lease No. 54729
 Well (Farm) No. _____ Serial No. 9398
 Elevation (Spirit Level) 1976'
 Quadrangle Eccles 9C
 County Raleigh District Marsh Fork
 Engineer W. Bowers
 Engineer's Registration No. 900
 File No. _____ Drawing No. _____
 Date 11-16-49 Scale 1"=40P

CD: 081 PMT: 169
 Loc Disitized from OGIS 7.5' Mylar
 QUAD: 218 DATE: 22-MAY-90
 LAT: 37 50.0 Miles South: 0.57
 LONG: 81 22.5 Miles West: 1.12

WELL LOCATION MAP
 FILE NO. RAL-169

+ 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.

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
WELL RECORD

Permit No. Ral 169
Eccles Quad.

Dry Hole
CASING & LINING

Company	Hope Natural Gas Co.			
Address	445 West Main St., Clarksburg, W. Va.			
Farm	Gus Mankin Acres 254	13	19	19
Location		10	407	407
Well No.	9398 Elev. 1976	8 1/2	1623	1623
District	Marsh Fork Raleigh County	5 1/2	2536	2536
Surface Mineral				
Commenced	Jan. 7, 1950			
Completed	April 24, 1950			
Fresh Water	395' 3 blrs. per hr. ; 682' 3/4 blr. per hr.			
Salt Water	2366' show			

Casing cemented:
8" set in 14 bags
cement 10 bags gel
5 1/2" set in 10 bags
cement 24 bags gel

Coal at 712' 24"; 1182' 36"

Surface	0	12	Lower Maxon	2292	2363
Sand	12	48	Slate Shell	2388	2420
Broken Sand	48	120	Little Lime	2420	2493
Slate	120	136	Slate	2493	2520
Sand	136	342	Big Lime	2520	2870
Slate	342	388	Big Injun	2870	2915
Sand	388	403	Sandy Lime	2915	2966
Lime	403	445	Weir	2966	2996
Slate Shell	445	473	Slate Shell	2996	3121
Lime	473	525	T.D.		3121
Sand	525	606			
Slate	606	630	Gas 2320-2323		
Lime	630	650	Show gas 2805-22-60		
Slate	650	660			
Lime	660	708			
Slate	708	712			
Coal	712	714			
Sand	714	873			
Slate	873	895			
Sand	895	910			
Slate	910	918			
Sand	918	1053			
Slate	1053	1090			
Sand	1090	1180			
Slate	1180	1183			
Coal	1183	1185			
Sand	1185	1218			
Slate	1218	1228			
Lime	1228	1248			
Slate	1248	1270			
Lime	1270	1358			
Red Rock	1358	1412			
Lime	1412	1436			
Slate	1436	1451			
Princeton	1451	1486			
Slate Shell	1486	1620			
Lime	1620	1650			
Slate	1650	1658			
Lime	1658	1665			
Ravencliff	1665	1686			
Avis Lime	1686	1724			
Red Rock	1724	1810			
Lime	1810	1828			
Red Rock	1828	1932			
Lime	1932	2008			
Upper Maxon	2008	2021			
Lime	2021	2067			
Red Rock	2067	2085			
Slate	2085	2150			
Red Lime	2150	2190			
Lime	2190	2227			
Slate Shell	2227	2255			
Lime	2255	2292			

JUN 23 1951

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