

New Location
 Drill Deeper
 Abandonment

Map Sh. 60 Sq. 57 - W. II. F. B. 805 P-19.

Company Hope Natural Gas Co.
 Address Clarksburg, W. Va.
 Farm J. B. Smith
 Tract _____ Acres 53 Lease No. 4551
 Well (Farm) No. _____ Serial No. 3320
 Elevation (Spirit Level) 982
 Quadrangle West Union
 County Doddridge District West Union
 Engineer W. M. Bowers
 Engineer's Registration No. 900
 File No. _____ Drawing No. _____
 Date 4-12-46 Scale 1" = 40 Poles

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

WELL LOCATION MAP
 FILE NO. DOD-515-A

+ 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

419

515-A

WELL RECORD

Permit No. _____

Oil or Gas Well

(KIND)

Company Hope Natural Gas Company
 Address 445 West Main St. Clarksburg, W.Va.
 Farm J.B. Smith Acres 53
 Location (waters) _____
 Well No. 3320 Elev. 982
 District West Union County Doddridge
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced _____
 Drilling completed _____
 Date Shot _____ From _____ To _____
 With _____
 Open Flow _____ /10ths Water in _____ Inch
 _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock Pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water 490 feet
 Salt water _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	513	Pulled	Size of
8 1/4	1256	1256	
6 5/8	1872	1872	Depth set
5 3/16			
3			Perf. top
2	2637	Pulled	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

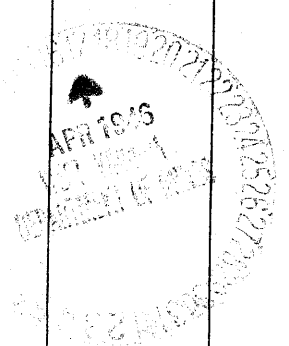
NOT

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT 120 FEET 24 INCHES
585 FEET 60 INCHES FEET INCHES
 FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Native coal			120	122	water	490	
Pittsburgh Coal			585	590			
Little Dunkard			910	920			
Big Dunkard			1043	1060			
First Salt			1210	1250			
Second Salt			1300	1450			
Third Salt			1480	1510			
Maxona			1710	1750			
Little Lime			1785	1830			
Pencil cave			1830	1840	gas	1956- 2010	
Big Lime			1840	1936			
Big Injun			1936	2056			
Gantz			2200	2310			
Fifty foot			2475	2483	gas	2614-2616	
Gordon Stray			2560	2568			
Gordon			2610	2618			
Total depth				2657			

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Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks

Date April 8.1946., 194

APPROVED Hope Natural Gas Company., Owner

By gme General Superintendent. (Title)

