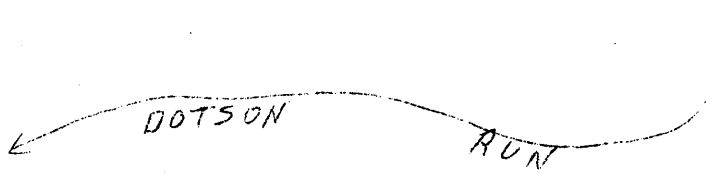
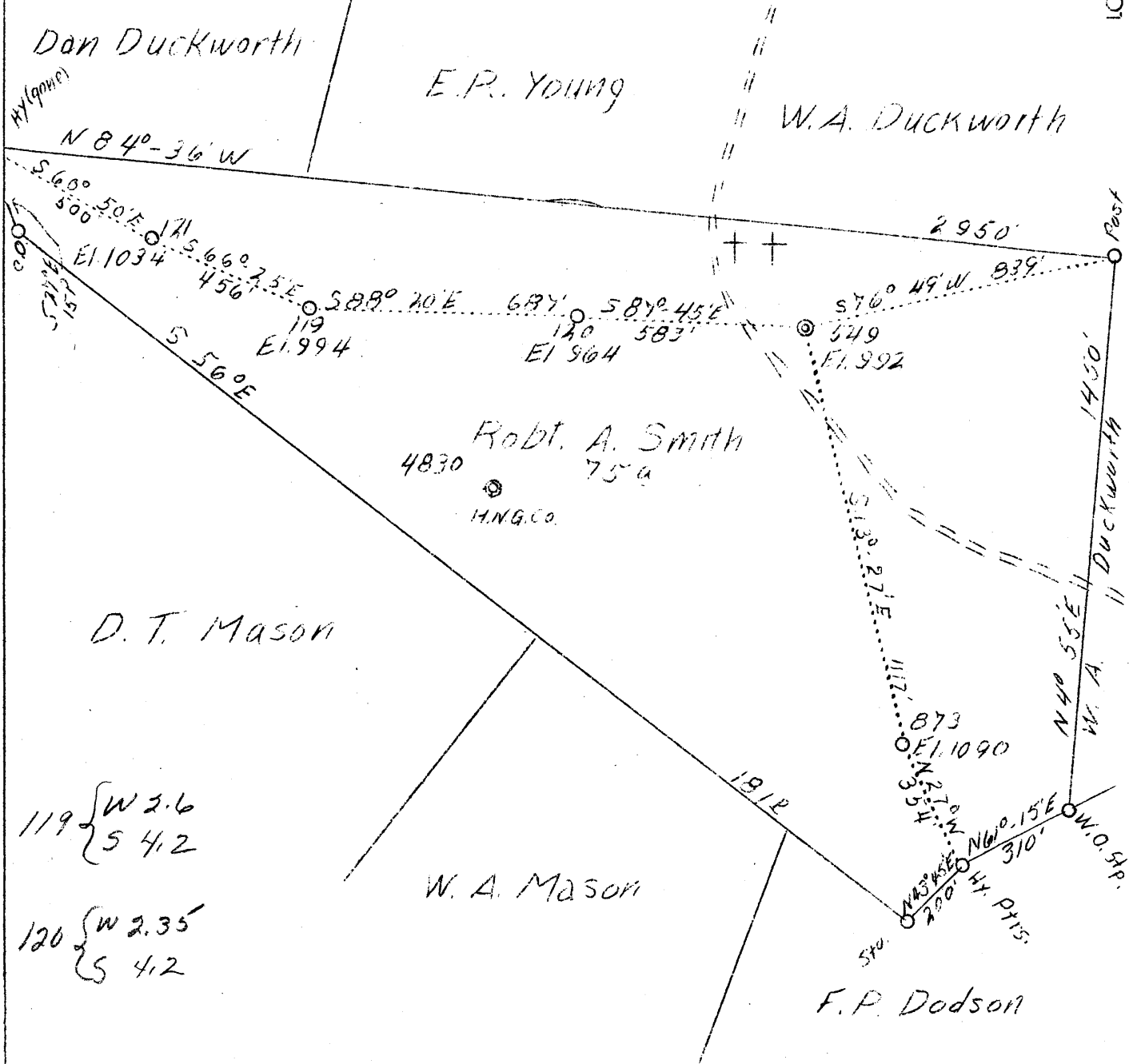


LATITUDE 39° 20'

LONGITUDE 80° 52'



DUCKWORTH



ABD. 119-120

F.B. 596 P40-598 P1-512 W15 - Sheet 67

Company	Hope Const. & Ref. Co.
Address	Clarksburg, W.Va.
Farm	Rob't. A. Smith
Tract	1
Acres	75
Serial No.	Sh'n Above
El. (Spirit Level)	Shown Above S.C.
Quadrangle	West Union
County	Doddridge
District	Central
Eng.	W.M. Bowers
Eng. Reg. No.	900
Date	9/6/38
Scale	1" - 400'

STATE OF WEST VIRGINIA  
 Department of Mines  
 OIL AND GAS DIVISION  
 Charleston

WELL LOCATION MAP

File No. Dod-274 ~~75~~ A  
 Well # 120 119

x Denotes location of well on U.S. 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

221

WELL RECORD

Permit No. WP 274-A

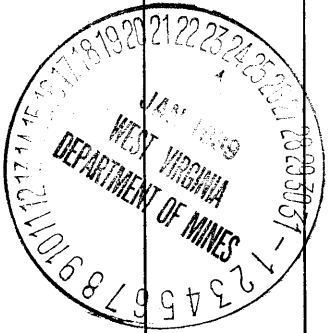
Oil or Gas Well (Gas)

Company Hope Construction & Refining Company  
 Address Clarksburg, W. Va.  
 Farm Robert A. Smith Acres 75  
 Location (waters) Dotson's Run  
 Well No. 120 Elev. 964  
 District Central County Doddridge  
 The surface of tract is owned in fee by M. H. Cottrill  
 Address Pennsboro, W. Va.  
 Mineral rights are owned by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Drilling commenced 10-3-1916  
 Drilling completed 12-1-1916  
 Date shot 4-18-1928 Depth of shot Injun  
 Open Flow /10ths Water in \_\_\_\_\_ Inch  
 /10ths Merc. in \_\_\_\_\_ Inch  
 Volume \_\_\_\_\_ Cu. Ft.  
 Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 Fresh water None recorded feet \_\_\_\_\_ feet  
 Salt water None recorded feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	484	Pulled	Size of
8 1/4	1171	1171	
6 5/8	1862	1862	Depth set
5 3/16			
3			Perf. top
2	2026	2026	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. FT. \_\_\_\_\_ Date \_\_\_\_\_  
**Not cemented**  
 COAL WAS ENCOUNTERED AT 365 FEET 36 INCHES  
645 FEET 36 INCHES FEET INCHES  
 FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Coal			365	368			
Pittsburgh Coal			645	648			
Little Dunkard Sand			1040	1060			
Big Dunkard Sand			1170	1190			
Gas Sand			1260	1300			
First Salt Sand			1450	1505			
Second Salt Sand			1585	1635			
Maxon Sand			1790	1805			
Little Lime			1838	1852			
Pencil C ave			1852	1860			
Big Lime			1860	1961			
Big Injun Sand			1961	2023	Oil	1985-1992	
Total Depth				2025			



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

Date.....**January 23,**....., 19**39**.....

APPROVED **Hops Construction & Refining Co.**, Owner

By.....*(Signature)*..... **General Supt.**.....  
 (Title) *m*