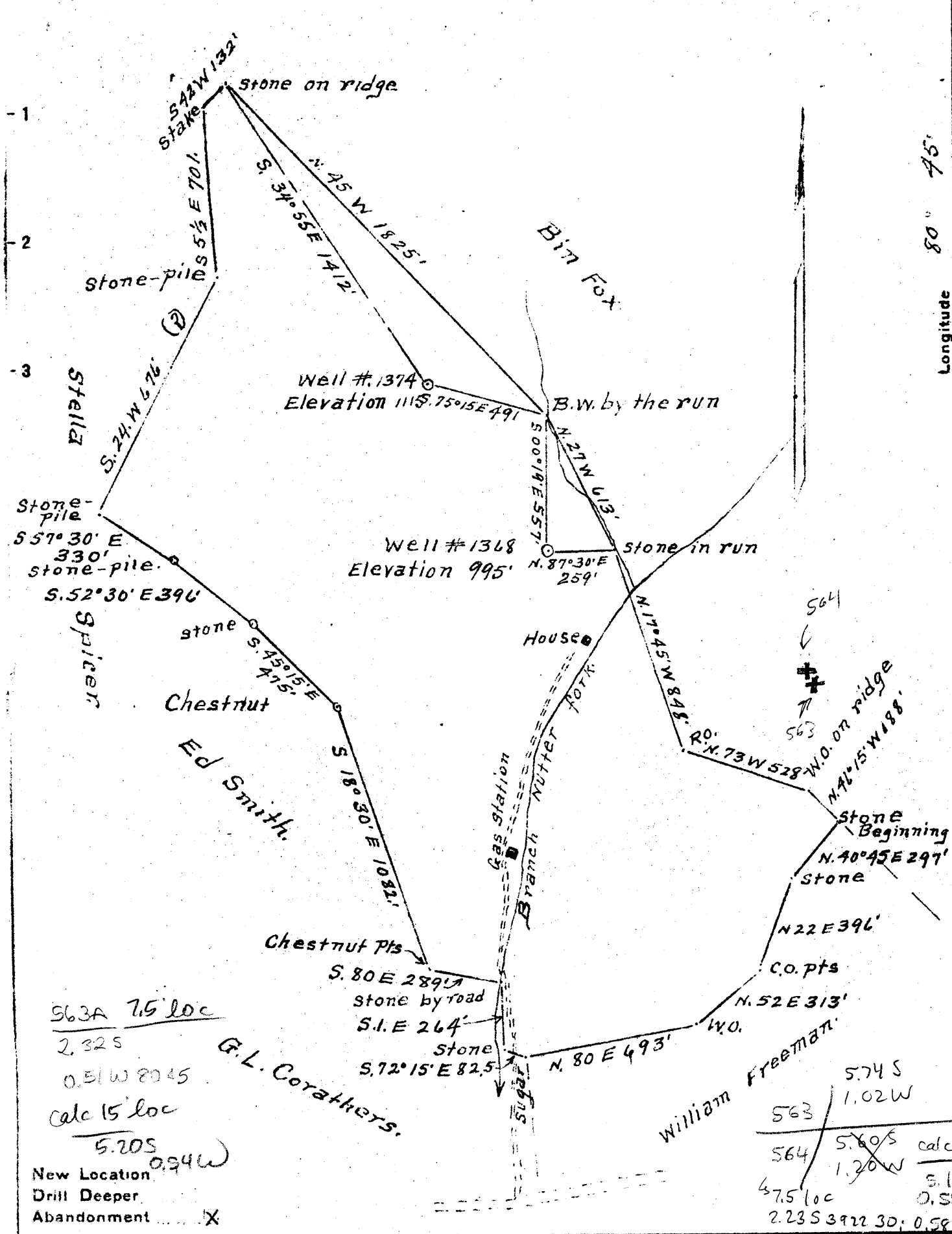


Latitude 39° 25'



Company H.E. Milliken
 Address Waynesburg, Pa.
 Farm T.D. Swiger Nov. J.L. Corathers
 Tract one Acres 99 1/2 Lease No. _____
 Well (Farm) No. _____ Serial No. 1368
 Elevation (Spirit Level) 995 9-1115
 Quadrangle West Union
 County Doddridge District West Union
 Engineer A.L. Headley
 Engineer's Registration No. _____
 File No. _____ Drawing No. _____
 Date 5-21-1947 Scale 1 inch = 500 ft

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

WELL LOCATION MAP
 FILE NO. DOD-563-A-#1368
~~DOD-564-A-#1374~~

+ 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.



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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. 563-A

Oil or Gas Well (KIND)

Company H. W. Milliken
Address Waynesburg, Pennsylvania
Farm T. D. Swiger Acres 99 1/2
Location (waters) _____
Well No. 1368 Elev. 995'
District 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 _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	158	pulled	Size of
8 1/4	1075	"	
6 5/8	1914	1914	Depth set
5 3/16			
3			Perf. top
2 ✓	2108	2108	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil 1986-1982 bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

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

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red Rock Cave			650	930			
FIRST COW RUN			930	952			
SECOND COW RUN			1055	1070			
First Salt Sand			1430	1490			
Second Salt Sand			1520	1550			
Third Salt Sand			1603	1716			
Mazon			1757	1800			
Little Lime			1895	1902			
Pencil Cave			1902	1908			
BIG LIME			1908	1980			
Big Injun			1980	2019'			
Total Depth				2108'	Oil 1982-1986		