

New Location
 Drill Deeper
 Abandonment

NOTE:
 William A. Hayhurst owns in Fee

Company WILLIAM A. HAYHURST
 Address 102 SCHOOL ST. WEST UNION, W. VA.
 Farm WILLIAM A. HAYHURST
 Tract _____ Acres 0.17 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 881'
 Quadrangle WEST UNION SE
 County DODDRIDGE District WEST UNION
 Engineer JOHN W. HAMILTON
 Engineer's Registration No. 2274
 File No. _____ Drawing No. _____
 Date APRIL 11, 1960 Scale 1" = 20'

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

WELL LOCATION MAP
 FILE NO. De2-359

+ 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 7

Quadrangle WEST UNION

Permit No. DOD-359

WELL RECORD

Oil or Gas Well GAS & OIL
(KIND)

Company W. A. HAYHURST
Address WEST UNION, W. VA.
Farm William A. Hayhurst Acres 1/4
Location (waters) MIDDLE ISLAND CREEK
Well No. 1 Elev. 340
District WEST UNION County DODDRIDGE
The surface of tract is owned in fee by Above
Address _____
Mineral rights are owned by Above
Address _____
Drilling commenced June 20, 1960
Drilling completed August 8, 1960
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume 264,000 Cu. Ft.
Rock Pressure 120 lbs. 24 hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED By Dowell

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	<u>12</u>	<u>12</u>	Size of
8 1/4			
6 5/8	<u>1.073</u>	<u>-0-</u>	Depth set
5 3/16	<u>1.875</u>	<u>1.875</u>	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 5 1/2" SIZE No. Ft. 7-30-60 Date 20 sks. Cement - 3 sks. Aquagel - DOWELL

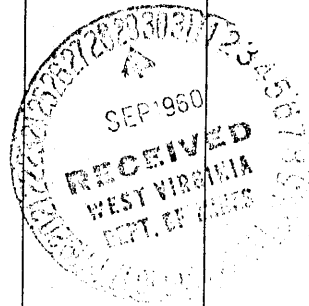
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES
_____ FEET _____ INCHES

RESULT AFTER TREATMENT Slight increase in gas & oil 264,000

ROCK PRESSURE AFTER TREATMENT _____

Fresh Water 90 Feet Salt Water _____ Feet 1430'

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
SURFACE			0	15			
SLATE			15	35			
RED ROCK			35	70			
SAND			70	115			
SLATE			115	140			
RED ROCK			140	230			
SLATE			230	285			
SAND			285	292			
SLATE			292	312			
RED ROCK			312	350			
SLATE			350	380			
LIME			380	391			
SLATE			391	477			
LIME			477	482			
SLATE			482	500			
RED ROCK			500	508			
GRAY SHALE			508	545			
LIME			545	595			
SLATE & SHELLS			595	690			
RED ROCK			690	750			
SHALE & SHELLS			750	780			
RED ROCK			780	805			
SHALE & SHELLS			805	890			
SANDY LIME			890	935			
SHALE			935	955			



Formation	Color	Hard or Soft	Top 7	Bottom	Oil, Gas or Water	Depth Found	Remarks
SHALE	PINK		955	960			
SHALE	BLUE		960	990			
SAND			990	1012			
SHALE	BLACK		1012	1050			
SAND			1050	1093			
SHALE	BROWN		1093	1143			
SAND			1143	1155			
SHALE	WHITE		1155	1185			
SAND			1185	1190			
SHALE	GREY		1190	1200			
SAND	GRAY		1200	1330			
SHALE	WHITE		1330	1385			
SAND			1385	1470			
SHALE	GRAY		1470	1503			
SAND	GRAY		1503	1603			
SHALE	BLUE		1603	1650			
SAND & SHALE			1650	1680	GAS-SHOWN	1668-69	MAXSON
LIME			1680	1707	GAS "	1688	
PENCIL CAVE			1707	1710			
BIG LIME			1710	1750	OIL SHOWN	1710-15	
KEENER SAND			1750	1770			
BIG INJUN			1770	1864	GAS	1804-1814	
SHALE			1864	1875	"	1849-1857	
						OIL 1809-1815	

Date Sept 28, 1960
APPROVED [Signature] Owner
By _____ (Title)