

Minimum Error of Closure 1' in 200'
 Source of Elevation Edith Stout Well #1, Elev. 1195.37' ground.

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Signed: A.C. Hilbert

Map No. N18 Squares: N S 14 E 1 W

Company	PENNZOIL COMPANY
Address	P. O. BOX 1588, PARKERSBURG, W. VA.
Farm	<u>M. T. Williams</u>
Tract	Acres <u>350a</u> Lease No. <u>38282</u>
Well (Farm) No.	<u>15</u> Serial No. _____
Elevation (Spirit Level)	<u>1193.90' ground</u>
Quadrangle	<u>Vadis-NC</u>
County	<u>Doddridge</u> District <u>Greenbrier</u>
Engineer	<u>A.C. Hilbert</u>
Engineer's Registration No.	<u>2534</u>
File No.	<u>789</u> Drawing No. _____
Date	<u>April 21, 1966</u> Scale <u>1" = 800'</u>

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

WELL LOCATION MAP

FILE NO. 009-1371

† 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

Rotary
Spudder
Cable Tools
Storage

Quadrangle VADIS
Permit No. DOD-1371

WELL RECORD

Oil or Gas Well _____ (KIND)

Company PENNZOIL COMPANY
Address P. O. Box 1588, Parkersburg, West Va.
Farm Williams, M.T. Acres 350
Location (waters) _____
Well No. 15 Elev. 1193.90
District Greenbrier County Doddridge
The surface of tract is owned in fee by A. M. Gum
Address Rt. 1, Salem, W. Va.
Mineral rights are owned by Francis E. Williams, Agent
R.F.D. 3, Box 244
Address Mannington, West Va.
Drilling commenced June 1, 1966
Drilling completed June 12, 1966
Date Shot - From - To -
With _____
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume Show Cu. Ft.
Rock Pressure - lbs. _____ hrs.
Oil Show bbls., 1st 24 hrs.
WELL ACIDIZED _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
8-5/8"	1009.50	1009.50	Kind of Packer <u>Steel</u>
4-1/2"	2495.16	2495.16	<u>Shoe, Guide Shoe,</u>
			<u>Float Collar</u>
10			Size of <u>8-5/8"</u>
8 1/4			<u>4-1/2"</u>
6 3/8			<u>4-1/2"</u>
5 3/16			Depth set <u>1001'</u>
3			<u>2478'</u>
2			<u>2448'</u>
			Perf. top <u>2357'</u>
			Perf. bottom _____
			Perf. top _____
			Perf. bottom _____

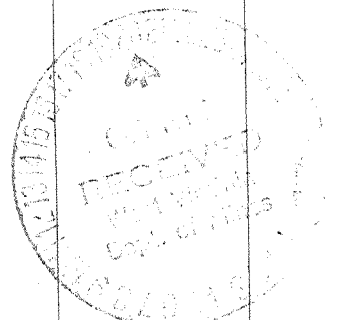
CASING CEMENTED 8-5/8" SIZE 1001 No. Ft. 6-6-66 Date
4-1/2" 2449 6-13-66

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

WELL FRACTURED June 20, 1966 with 50,525 Gals. water, 60,000# 20-40- Sand, 400 gals. Dowell X Acid
1 Gal. A-130, 400# J-84, 200# J-111, 40 Gals. Freflo, 25 Gals. F-40

RESULT AFTER TREATMENT Gas: 50,000 Oil: 2 Bbls.
ROCK PRESSURE AFTER TREATMENT 500#
Fresh Water _____ Feet _____ Salt Water _____ Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Shale & Silts			0	155			
Sand			155	165			
Shale			165	370			
Sand			370	395			
Shale			395	435			
Sand			435	450			
Shale			450	535			
Sand			535	575			
Shale			575	725			
Sand & Shale			725	820			
Shale			820	950			
Pgh. Coal			950	960			
Shale			960	997			
Sand			997	1045			
Silts and							
Shale			1045	1515			
Sand			1515	1550			
Silts & Shale			1550	1865			
Sand			1865	1980			
Shale			1980	1925			
Sand			1925	2030			
Shale			2030	2230			
Little Lime			2230	2252			
Pencil			2252	2267			
Big Lime			2265	2318			
Big Injun			2318	2427			
Shale			2427	2480			
Total Depth				2480			



Oil 2352-2374 Show