



MINIMUM ERROR OF CLOSURE 1' IN 200'
 SOURCE OF ELEVATION WELL #11 (DOD-291) 963'

New Location X
 Drill Deeper
 Abandonment

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 DEPT. OF WEST VIRGINIA.

Chet Waterman

Company W. LESLIE ROGERS
 Address PENNSAUKEN, N.J.
 Farm A.A. CARDER
 Tract Acres 96 Lease No. _____
 Well Farm No. 12 Serial No. _____
 Elevation Spirit Level 952.6'
 Quadrangle WEST UNION - SC
 County DODDRIDGE District CENTRAL
 Engineer Chet Waterman
 Engineer's Registration No. 3788
 File No. 65003-4 Drawing No. _____
 Date 4/2/65 Scale 1" = 300'

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

WELL LOCATION MAP
 FILE NO. DOD-1238

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 4

Rotary
Spudder
Cable Tools
Storage

Permit No. WV-1238

WELL RECORD

Oil or Gas Well Oil & Gas

Company W. Leslie Rogers
Address Pennsauken, New Jersey
Name A. A. Carder Acres 96
Location (waters) Dotson Run
Well No. 12 Elev. 952.6
District Central County Beddridge
The surface of tract is owned in fee by Ora Deak et al.
Address Greenwood, W. Va.
Mineral rights are owned by A. A. Carder Heirs
Address _____
Drilling commenced 5/6/65
Drilling completed 6/2/65
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume Show _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
_____ Show _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED 6/10/65 500 bbls. water & 24,000# sand

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
12			
10	<u>152'</u>		Size of
8 1/4	<u>1172'</u>		
6 3/4	<u>1856'</u>		Depth set
5 8/16	<u>2039'</u>	<u>2039'</u>	
3			Perf. top <u>1985'</u>
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 5" SIZE 300 No. F 6/9/65 Date
Lawson - 30 sacks

COAL WAS ENCOUNTERED AT None FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT 5 BOPD & 60 MCF/D
ROCK PRESSURE AFTER TREATMENT 330 psig - 72 hrs.
Fresh Water 80' Feet 160' Salt Water 1390' Feet 1787'

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil			0'	15'			
Shale			15	160	Water	80'	
Sand			160	172	Water	160'	
Shale			172	248			
Sand			248	277			
Shale			277	309			
Sand			309	324			
Shale			324	356			
Sand			356	404			
Shale			404	472			
Sand			472	512			
Shale			512	523			
Sand			523	528			
Shale			528	606			
Sand			606	618			
Shale			618	714			
Sand			714	722			
Shale			722	1052			
Sand			1052	1063			
Shale			1063	1112			
Sand			1112	1124			
Shale			1124	1138			
Sand			1138	1154			
Shale			1154	1163			
Sand			1163	1180			
Shale			1180	1272			
Sand			1272	1287			
Shale			1287	1390			
Sand			1390	1416	Water		
Shale			1416	1498			



Formation	Color	Hard or Soft	Top <i>L</i>	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			1436'	1494'			
Shale			1594'	1716'			
Sand			1716'	1792'	Water	1787'	
Shale			1792'	1799'			
Limestone			1799'	1812'			
Shale			1812'	1835'			
Limestone			1835'	1919'			
Shale			1919'	1924'			
Sandy Limestone			1924'	1961'	Oil & Gas	1929' - 60'	
Shale			1961'	1971'			
Sand			1971'	1992'	Oil	1982' - 90'	
Shale			1992'	2041'			
T.D.				2041'			

Date _____ 18

APPROVED _____

Owner _____

John W. Williams
 (Title)