

ACCURACY: 1/1200'

Source of Elevation W. E. DOAK #1 (1961.2') DOD-1460

- New Location
- Drill Deeper
- Abandonment
- Fracture
- Redrill

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.

Chet Waterman

Company W. LESLIE ROGERS

Address PENNSAUKEN, N.J.

Farm EZRA GARNER

Tract _____ Acres 11 Lease No. _____

Well (Farm) No. 1 Serial No. _____

Elevation (Spirit Level) 949.2'

Quadrangle WEST UNION SC

County DODDRIDGE District CENTRAL

Engineer CHET WATERMAN

Engineer's Registration No. 3788

File No. 69003-94 Drawing No. _____

Date 4/8/69 Scale 1" = 20p

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

WELL LOCATION MAP
 FILE NO. DOD-1552

+ 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

OIL
SOON
(KIND)

WELL RECORD

Quadrangle West Union

Permit No. DOD-1552

Company W. Leslie Rogers
Address Pennsauken, N. J.
Farm Ezra Garner Acres 11
Location (waters) Dotson Run
Well No. 1 Elev. 919.2
District Central County Doddridge
The surface of tract is owned in fee by Ezra Dotson
Greenwood
Address
Mineral rights are owned by same
Address

Drilling commenced 5/7/69
Drilling completed 6/7/69
Date Shot From To
With
Open Flow /10ths Water in Show Inch
/10ths Merc. in Inch
Volume Cu. Ft.
Rock Pressure lbs. hrs.
Oil bbls., 1st 24 hrs.
WELL ACIDIZED
WELL FRACTURED 6/19/69 500 bbls. treated water

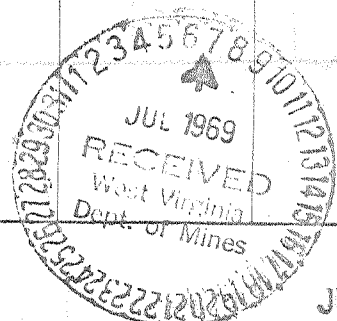
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	16'	16'	
10	501'	501'	Size of
8 3/4	1167		
6 3/4	1834		Depth set
5 3/16	2032	2032'	
3			Perf. top <u>1944</u>
2			Perf. bottom <u>1945</u>
Liners Used			Perf. top <u>1957</u>
			Perf. bottom <u>1958</u>

CASING CEMENTED 5 1/2 SIZE 2032 No. Ft. 6/12/69 Date
Lawson - 45 sacks

COAL WAS ENCOUNTERED AT none FEET INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

RESULT AFTER TREATMENT 4 BOPD
ROCK PRESSURE AFTER TREATMENT 300 psig (24 hrs)
Fresh Water 50' Feet 210' Salt Water 1766' Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay & Dirt			0'	8'			
Sand			8	24			
Shale			24	50			
Sand			50	70	Water	50'	
Shale			70	87			
Shale			87	110			
Sand			110	165			
Shale			165	245	Water	210'	
Sand			245	275			
Shale			275	310			
Sand			310	330			
Shale			330	495			
Sand			495	530			
Shale			530	645			
Sand			645	680			
Shale			680	850			
Sand			850	890			
Shale			890	922			
Sand			922	950			
Shale			950	1112			
Sand			1112	1137			
Shale			1137	1165			
Sand			1165	1185			
Shale			1185	1340			
Sand			1340	1370			
Shale			1370	1385			
Sand			1385	1435			
Shale			1435	1522			
Sand			1522	1625			
Shale			1625	1721			



(over)

JUL 15 1969

Formation	Color	Hard or Soft	Top ⁴	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			1721'	1786'	Water	1737'	
					Oil & Gas	1750'	
					Water	1766'	
Shale			1786	1793			
Limestone			1793	1806			
Shale			1806	1835			
Limestone			1835	1904			
Sandy Limestone	} Big Isjun		1904	1948	Oil & Gas	1939 -47	
Shale			1948	1953			
Sandy Limestone			1953	1965	Oil & Gas	1956 -60	
Shale			1965	2032			
T.D.					2032		

Date _____, 19____

APPROVED _____, Owner

By Chet Waterman, Agent
(Title)