

New Location    
 Drill Deeper    
 Abandonment

Company A. M. CARLSON  
 Address Union Trust Bldg., Parkersburg, W. Va.  
 Farm Beulah R. Smith  
 Tract \_\_\_\_\_ Acres 3.0 Lease No. \_\_\_\_\_  
 Well (Farm) No. Two Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 767  
 Quadrangle West Union-SE  
 County Doddridge District West Union  
 Engineer [Signature]  
 Engineer's Registration No. 1227  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date Feb. 1960 Scale 1" = 100'

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

**WELL LOCATION MAP**  
 FILE NO. DOD-308

+ 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.

too crowded to plot

6-6 99



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 4

Quadrangle West Union

Permit No. Dod. 306

WELL RECORD

Oil or Gas Well Both

Company <u>A. M. Carlson D/B/A Tower Service Company</u>	Casing and V-Tubing	Used in Drilling	Left in Well	Packers
Address <u>510-511 Union Trust Bldg. Parkersburg, W. Va.</u>	Size			
Farm <u>Beulah Smith</u> Acres <u>3.0</u>	16			Kind of Packer
Location (waters) <u>Middle Island Creek</u>	13			
Well No. <u>#2</u> Elev. <u>767</u>	10	126	126	Size of
District <u>Town of West Union</u> County <u>Doddridge</u>	8 7/8	450		
The surface of tract is owned in fee by <u>(1/2) Beulah R. Smith</u> <u>(1/2) Laura Duckworth heirs</u>	6 7/8	1060		Depth set
Surface Address <u>West Union, W. Va.</u>	5 3/4	1825	1825	
Mineral rights are owned by <u>Beulah R. Smith</u>	3			Perf. top
Address <u>West Union, W. Va.</u>	2			Perf. bottom
Drilling commenced <u>2/29/60</u>	Liners Used			Perf. top
Drilling completed <u>4/27/60</u>				Perf. bottom
Date Shot <u>From</u> <u>To</u>				
With				

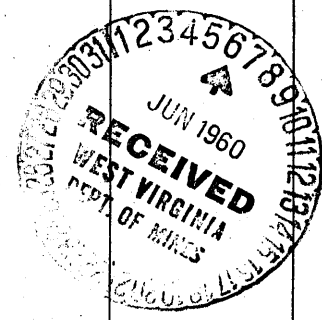
Open Flow /10ths Water in 160,000 Inch  
/10ths Merc. in Inch  
Volume Cu. Ft.  
Rock Pressure 540 lbs. 12 hrs.  
Oil 2 bbls., 1st 24 hrs.

CASING CEMENTED 4 1/2 SIZE 825 No. Ft. Date  
60 sacks of cement - 4 sha. Beulah  
13 sha. aquagel - Halliburton  
COAL WAS ENCOUNTERED AT FEET INCHES  
FEET INCHES FEET INCHES  
FEET INCHES FEET INCHES

WELL ACIDIZED  
WELL FRACTURED 650 bbls. of water 17000 lbs sand 500 gals acid 1950 lbs pressure

RESULT AFTER TREATMENT 750,000  
ROCK PRESSURE AFTER TREATMENT 640 - 12 hrs  
Fresh Water Feet Salt Water Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Rock			0	30			
Clay	White		30	40			
sand water			40	55	water at 40-55		
slate	blue		55	90			
sand water			90	110	water at 90-110		
red rock			110	120			
slate white	white		120	130			
sand			130	145			
lime			145	155			
red rock			155	215			
slate			215	240			
sand			240	275			
red rock			275	290			
slate	grey		290	340			
lime, shale			340	370			
slate			370	400			
sand			400	410			
slate			410	445			
lime			445	455			
red rock			455	465			
shale shells	blue		465	500			
red rock			500	510			
slate, shells			510	640			
slate			640	672			
sand			672	687			
slate	blue		687	725			
rock	pink		725	735			
slate	grey		735	755			
red rock			755	770			
slate, shell	grey		770	860			



Formation	Color	Hard or Soft	Top <i>4</i>	Bottom	Oil, Gas or Water	Depth Found	Remarks
lime			860	870			
slate, shells			870	1030			
sand gas			1030	1052			
slate, shell			1052	1180			
sand			1180	1260			
slate, lime, shell			1260	1275			
sand			1275	1310			
slate			1310	1350			
sand			1350	1470			
sandy, slate			1470	1535			
sand			1535	1590			
slate			1590	1620			
sand			1620	1635			
slate			1635	1640			
lime			1640	1646			
shale, sand			1646	1657			
little lime			1657	1687			
pencil cave			1687	1690			
big lime			1690	1740			
sand			1740	1777	gas at 1760		
			1777	1789	gas		
			1789	1798	gas		
slate			1798	1825			
			Total Depth	1825			

Date \_\_\_\_\_, 19\_\_\_\_

APPROVED \_\_\_\_\_, Owner

By \_\_\_\_\_ (Title)