



ABD
11/37

2.70W
0.47A

Permit issued: 5-1-37
Plugging issued: 11-19-37

Company	United Carbon Co.
Address	Charleston, W. Va.
Farm	Elizabeth Ward Perkins et al
Tract	Acres 126 Lease No. 2428
Well (Farm) No.	2 Serial No. 702
Elevation (Spirit Level)	983.1
Quadrangle	Kenna EC
County	Jackson District Washington
Engineer	C. B. Wilson
Engineer's Registration No.	494
File No.	Drawing No.
Date	April 20, 1937 Scale 1" = 800'

STATE OF WEST VIRGINIA
Department of Mines
OIL AND GAS DIVISION
Charleston

WELL LOCATION MAP
File No. - JAC-24-P

+ Denotes location of well on U. S. 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.

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Deep Test

ELIZABETH WARD PERKINS ET AL. NO. 2 (702) WELL.
(Also known as Fred R. Smith).

loc 24

- Washington District, Jackson County, W. Va.
- By United Carbon Co., Charleston, W. Va.
- Drilled under permit Jackson-24, issued May 1, 1937.
- On 126 acres, surface owned by Fred Smith, Walton, W. Va., and minerals by Elizabeth Ward Perkins et al., J. H. Nash, 1710 Kanawha Street, Charleston, W. Va.
- Elevation, 983.1' L.
- 12" casing, 669'; 10", 1500', on shoe; 8½", 2198'; cemented by Halliburton to 1630'; 6¾", 2136', on Hookwall packer; 5½", 5326', cemented to 5100'.
- Completion reported to Dept. of Mines Nov. 12, 1937.
- Well was not shot. - *DRY HOLE*
- Salt water at 488, 1272, and 5444'.
- Located 2.7 mi. W. of §1' 30' and 0.5 mi. S. of 38° 40' - EC - Kenna Quadrangle.
- Dry hole.

	Top.	Bottom.
Red rock	0	30
White slate	30	70
Red rock	70	110
Red rock	110	160
Broken lime	160	200
Red rock	200	230
White slate	230	250
Lime	250	275
Red rock	275	330
Slate	330	410
Red rock	410	439
Sand	439	480
Settling sand (water, 8 bailers)	480	488
White slate	488	495
Lime	495	525
White slate	525	565
Sand	565	595
Slate	595	597
Sand	597	621
Slate, dark	621	624
Red rock	624	640
Slate and lime shells	640	658
Red rock	658	745
Little Dunkard Sand	745	805
Slate and shells	805	855
Red lime	855	900
Lime, dark	900	998
Slate and shells	998	1012
Sand	1012	1060
Slate and shells	1060	1070
Sand	1070	1148
White slate	1148	1193
Sand (water, 1 bailer, salty)	1193	1272
Slate	1272	1310
Sand	1310	1370
Slate and shells	1370	1428
Sand	1428	1506
Slate and shells	1506	1589
Sand	1589	1610

(OVER)

ELIZABETH WARD PARKINS ET AL. NO. 2 (702) WELL (Continued).

	Top.	Bottom.
Slate	1610	- 1630
Salt Sand (hole full water, 1650')	1630	- 1875
Slate	1875	- 1877
Maxton Sand	1877	- 1983
Big Lime	1983	- 2050
(gas at 2025', breaks through the water) (water, 2027-2040')		
Gritty lime	2050	- 2070
Lime	2070	- 2110
Big Injun Sand (water sand from 2140-2170')	2110	- 2170
(No Berea Sand)		
Slate and shells	2170	- 3373
White shale	3373	- 3791
Brown shale	3791	- 3886
White shale	3886	- 3960
Dark shale	3960	- 4075
Brown shale	4075	- 4375
Gray shale	4375	- 4802
Lime	4802	- 4806
Dark-gray shale	4806	- 4946
Brown shale	4946	- 5014
Light shale	5014	- 5054
Black shale	5054	- 5082
Shell lime	5082	- 5084
Black shale	5084	- 5190
White shale	5190	- 5248
Black shale	5248	- 5308
Lime, Corniferous	5308	- 5440
White sand, Oriskany (water, 5444'; SLM; filled up 300') (water, 5449', SLM, filled the hole to 1950' in 6 hours) (water continued to rise slowly to 950' from top of hole). (The bottom of the Oriskany Sand occurred at 5460', at that point the formation changed to black lime)	5440	- 5460
Black lime	5460	- 5466 $\frac{1}{2}$
Total depth		5466 $\frac{1}{2}$

5308 5440
 983 983
 - 4325 - 4457

DRY HOLE

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