

Note: No buildings within 300 feet of location.

0.915 75' loc
 38° 32' 30" 2.745
 81° 30" 52.0

Company	WEST VIRGINIA GAS CORPORATION		
Address	401 UNION BLDG., CHARLESTON, W.VA.		
Farm	J.A. COOPER		
Tract	ONE	Acres	65.2
Lease No.	185		
Well (Farm) No.	ONE	Serial No.	0-11
Quadrangle	KENNA S.E.		
County	KANAWHA		
District	ELK		
Engineer	<i>Robert L. Hyde</i>		
Engineer's Registration No.	646		
File No.	3	Drawing No.	W.O.153
Date	JUNE 13, 1936.		
Scale	1 INCH = 400 FEET		

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

WELL LOCATION MAP
 FILE NO. KAN - 248 - D

+ 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.

(risk.)

6-6 (192) deep well

J. A. COOPER NO. 1 (G-11) WELL.
(OAKLAND NO. 2 WELL)

Kan. 248

Elk District, Kanawha County, W. Va.
Drilled by Oakland Development Co. (to 2342'). PERMIT KAN-248.
Located on headwaters of Wolf Creek.
Drilling commenced April 5, 1927; completed, May 15, 1927.
Elevation, 914.5' L.
Total gas, 20/10 W. in 2" opening, 213,120 cu. ft.
10" casing, 27' left in; 8", 495' (pulled); 6", 1641' 6" SLM.
DISPERSED Aug. 1, 1936, to CRISKANY by W. Va. Gas Corporation, 401
Union Bldg., Charleston, W. Va.
Record to RCF from ~~James~~ E. Billingsley April 1, 1943.

	Top.	Bottom.
Clay	0	20
Sand	20	40
Red rock	40	80
Slate	80	120
Red rock	120	160
Slate	160	210
Sand	210	230
Slate	230	270
Red rock	270	325
Slate	325	375
Lime	375	400
Red rock	400	415
Slate	415	430
Little Dunkard Sand	430	495
Slate	495	498
Sand	498	605
Slate	605	620
Sand	620	640
Slate	640	730
Gas Sand	730	825
Slate	825	890
Lime	890	925
Slate	925	965
Sand	965	1000
Salt Sand (big water, 1285')	1130	1410
Slate	1410	1415
Lime	1415	1460
Marton Sand	1460	1560
Slate	1560	1562
Sand	1562	1588
Slate	1588	1592
Little Lime	1592	1626
Cave	1626	1631
Lime shell	1631	1636
Pencil Cave	1636	1639
Big Lime (SLM) (Lime gas, 1702')	1639	1797
Keener Sand (Keener gas, 1797-1802', 5/10 W. in 2", 105,792 cu. ft.)	1797	1805
Big Injun Sand (Injun gas, 1805-1810')	1805	1825
Slate and shell	1825	1930
Slate	1930	2090
Woir Sand (gas, 2094')	2090	2100
Slate	2100	2175
Lime	2175	2190
Slate	2190	2240
Lime shells	2240	2300

(OVER)

J. A. COOPER NO. 1 (O-11) WELL (Continued).
OAKLAND NO. 2 WELL

	Top.	Bottom.
Slate	2300	- 2335
lime shell	2335	- 2340
Slate	2340	- 2342
Total depth		2342

(DRAINED 8-1-36 to CRISKANY).

Kan-248

11

RECORD OF J. A. COOPER WELL #1 - OAKLAND #2 - Drilled by OAKLAND DEVELOPMENT COMPANY - Located on head waters of Wolf Creek, Elk District, Kanawha County, West Virginia.

Commenced April 5, 1927 - Completed May 15, 1927.

Clay	0	20	
Sand	20	40	
Red Rock	40	80	
Slate	80	120	
Red Rock	120	160	
Slate	160	210	
Sand	210	230	
Slate	230	270	
Red Rock	270	325	
Slate	325	375	
Lime	375	400	
Red Rock	400	415	
Slate	415	430	
Little Dunkard	430	495	
Slate	495	498	
Sand	498	605	
Slate	605	620	
Sand	620	640	
Slate	640	730	
Gas Sand	730	825	
Slate	825	890	
Lime	890	925	
Slate	925	965	
Sand	965	1000	
Slate	1000	1130	
Salt Sand	1130	1410	
Big Water	1285		
Slate	1410	1415	
Lime	1415	1460	
Maxton Sand	1460	1560	
Slate	1560	1562	
Sand	1562	1588	
Slate	1588	1592	
Little Lime	1592	1626	
Cave	1626	1631	
Lime Shell	1631	1636	
Pencil Cave	1636	1639	
Big Lime S L	1639	1797	
Lime Gas	1702		
Keener Sand	1797	1805	5/10 Water in 2"
Keener Gas	1797	1802	105,792 cu. ft.
Injun Sand	1805	1825	
Slate & Shell	1825	1930	
Slate	1930	2090	
Injun Gas	1805	1810	
Weir Sand	2090	2100	Gas 2094
Slate	2100	2175	
Lime	2175	2190	
Slate	2190	2240	
Lime Shells	2240	2300	
Slate	2300	2335	
Lime Shell	2335	2340	
Slate	2340	2342	

Total Depth 2342'

Total Gas 20/10 Water in 2" opening 213,120 Cu. ft.

6-5/8 Casing 1641 - 6 steel line

10" Casing 27' Left in

8-1/4 Casing 495' Pulled

*Original
of well*

Kan-248

OIL OR GAS WELL Gas

WEST VIRGINIA GAS CORPORATION Company

COMPLETION DATA SHEET

401 Union Bldg., Charleston, W. Va. Address

No. 2

WELL No. 0-11

FARM Ja. A. Cooper

FORMATION RECORD

Name	Color	Character	Oil Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
FORMATION		Top	Bottom	FORMATION			FT.	NOTES
								(Drilled deeper)
lime shell		3545	3549	Slate Gray			4390	
Slate & Shells		3549	3805	lime			4450	
Sandy lime		3805	3800	Slate & Shells			4600	
Slate & Shells		3800	3410	Brown Shale			4558	
Brown Shale Show Gas		3485		Gray Shale			4175	
	5/10 W 1"	3410	3520	Brown Shale			4720	
lime shell (lime & shale)		3520	3528	light slate			4590	
Shale light		3528	3910	black shale			4935	
Brown Shale Show Gas		3910	4068	Gray Slate			4017	
	4/10 W 1"			Brown Shale			4855	
Slate & Shells (Shale)		4065	4077	lime shell			4985	
lime		4077	4150	Brown Shale			4955	
Slate & Shells		4150	4220	coniferous lime			5021	
lime grey 8" set at		4220	4227	Oriskany Sand Gas	5157-5158		5168	
Slate		4227	4237			5/10 W 2"		
lime grey		4237	4235	lime			5161	
Slate & Shells		4255	4360	Sand Gas	5171 - 5173	5561 H	5158	
lime		4580	4590					
							TOTAL DEPTH	5175

Shot in 8-1-36 92/10 Merc. 5" - 3792 L

32 Hour R.P. 1700#

Deeper

shot

Well was not shot at _____ feet; well was shot at _____ feet.

Salt _____ salt
Fresh water at _____ feet; fresh water at _____ feet.

producing

Well was ~~not~~ hole.

WEST VIRGINIA GAS CORPORATION

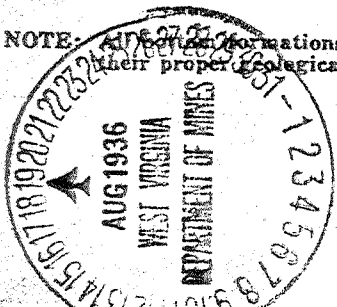
August 17, 1936

Approved M. J. Chubb

Date

Owner General Manager

NOTE: All geological formations must be noted as indicated above and all key-rocks and oil and gas sands must be recorded under their proper geological names in the district as well as any local names commonly used in the district for such strata.



Completed 8/1/36

West Virginia Gas Corporation Company

COMPLETION DATA SHEET

401 Union Bldg-Charleston, W. Va. Address

No. 2

WELL NO. 0-11

FARM J. A. Cooper

FORMATION RECORD

ELK DISTRICT

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
<u>DRILLED DEEPER</u>								
Lime Shell	slate grey			2345	2349			
Slate and shells				2349	3205			
Sandy Lime				3205	3300			
Slate and shells				3300	3410			
Brown shale			show of gas					
		3425 3/10 W 1"	18M	3410	3520			
Lime shell (Weir and shale)				3520	3528			
Shale light				3528	3910			
Brown Shale		show of gas	3930' 21M	3910	4065			
		4/10 W 1"						
Slate and shells				4065	4077			
Lime				4077	4150			
Slate and shells				4150	4220			
Lime grey	5-1/2" set at 4220			4220	4227			
Slate				4227	4237			
Lime Grey				4237	4255			
Slate and shells				4255	4380			
Lime				4380	4390			
Slate gray				4390	4450			
Lime				4450	4462			
Slate and shells				4462	4638			
Brown Shale				4638	4675			
Gray Shale				4675	4720			
Brown Shale				4720	4880			
Light Slate				4880	4885			
Black Shale				4885	4917			
Gray Slate				4917	4953			
Brown Sahel				4953	4983			
Lime Shell				4983	4985			
Brown Shale				4985	5031			
Corniferous Lime				5031	5149			
ORISKANY SAND		gas 5157-5158		5149	5161			
		5/10 W 2" 94						
Lime				5161	5163			
Sand		gas 5173	3,881,000	5163	5173			
Total Depth					5173			

shot
Well was not shot at feet; well was shot at feet.

Salt salt
Fresh water at feet; fresh water at feet.

producing
Well was hole.
~~not~~

August 17, 1936
Date

Approved
Owner

NOTE: All bottom formations must be noted as indicated above and all key-rocks and oil and gas sands must be recorded under their proper geological names in the district as well as any local names commonly used in the district for such strata.

DEEPWELL