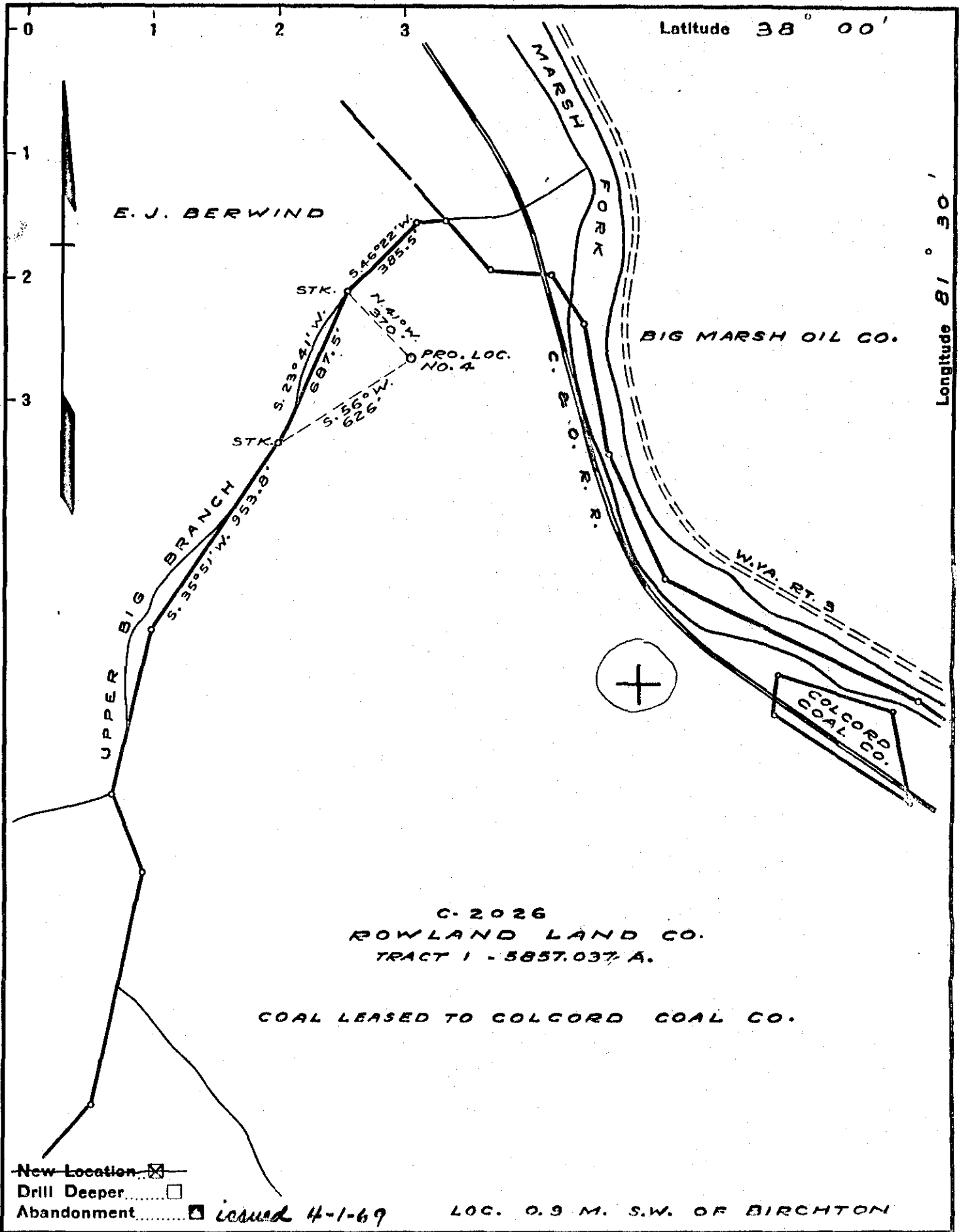


*44/67024*



New Location   
 Drill Deeper   
 Abandonment  *Locand 4-1-69*

LOC. 0.9 M. S.W. OF BIRCHTON

Company	<del>CITIES SERVICE OIL CO.</del> <del>COLUMBIAN CARBON CO.</del>
Address	<del>BOX 873 CHARLESTON W. VA.</del>
Farm	ROWLAND LAND CO.
Tract	1 Acres 5857.037 Lease No. C-2026
Well (Farm) No.	4 Serial No.
Elevation (Spirit Level)	1073.0
Quadrangle	BALD KNOB N.E. -1-
County	RALEIGH District MARSH FORK
Engineer	<i>J.M. Sed</i>
Engineer's Registration No.	772
File No.	Drawing No. 222
Date	JUNE 23, 1943 Scale 1" = 500'

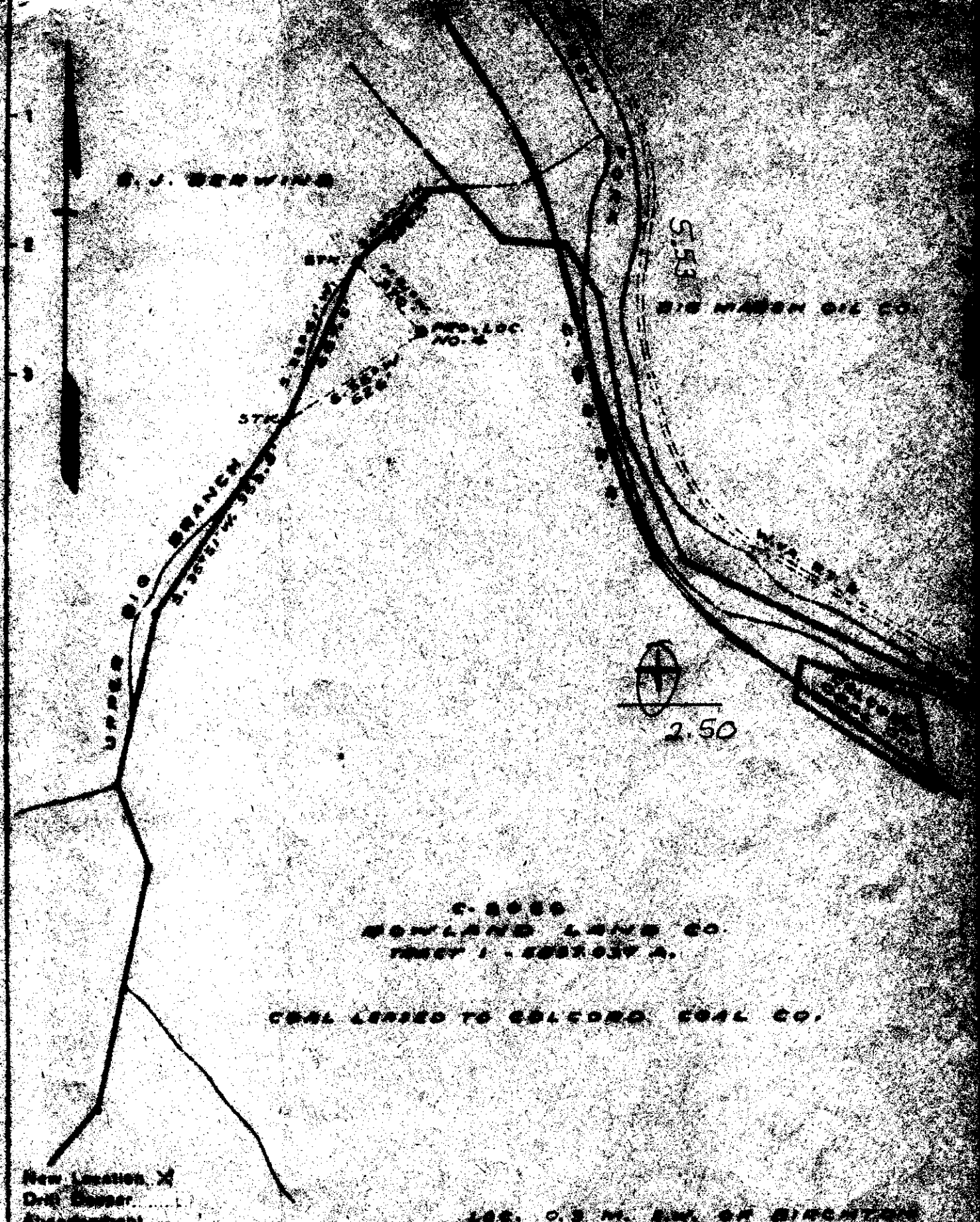
STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON

WELL LOCATION MAP  
 FILE NO. RA-35-P

+ 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.

"MATERIAL" TRACING CLOTH  
 K & E CO., N.Y.



C-2000  
 HOWLAND LAND CO.  
 TRACT 1 - SECT 37 A.

COAL LESSED TO COLCORD COAL CO.

New Location X  
 Drill Casser  
 Abandoned

LOC. 0.5 MI. SW. OF SINGTON

Company COLUMBIAN CARBON CO.  
 Address BOX 873 CHARLESTON W. VA.  
 Farm HOWLAND LAND CO.  
 Tract 1 Acres 200.00 Less 0.00  
 Well Permit No. 4 End No.   
 Elevation (Spine Level) 2072.0  
 Quantity 2500 MADS 100  
 Date 12-1-1910  
 Engineer [Signature]  
 Engineer's Registration No. 778  
 File No. Drilling 22

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

WELL LOCATION MAP  
 No. 141-35

A Correct Record of all wells drilled in the State of West Virginia, and the location of the same, as shown on this map, is hereby certified to be true and correct.

WEST VIRGINIA DEPARTMENT OF MINES  
OIL & GAS DIVISION  
W E L L R E C O R D

Permit No. Ral 35  
Bald Knob N.E. Quad.  
Company  
Address  
Farm  
Location  
Well No  
District  
Surface  
Mineral  
Commenced  
Completed  
Date shot  
  
Volume  
Rock Pressure  
Fresh Water  
Salt Water

Gas Well  
CASING & TUBING

Columbian Carbon Company  
Box 873, Charleston 23, W.Va. 18 3/8 30' 30'  
Rowland Land Company A-5857.037 10 652' 3 None  
Marsh Fork of Clear Creek 85/8 2020' Same  
4 ( GW 720) Elev. 1073.0 3 2726' 6 Same  
Marsh Fork Raleigh County No liners used  
Rowland Land Co., St. Albans, W.Va.  
Same Parmco Comb. Packer  
8-15-43 Size 3 x 2  
12-22-43 Depth 2260'  
12-28-43 Depth 2640' to 2719'  
with 700# Gelatin Coal at 405' 24"; 526'  
84 MCF 24"; 863' 12"  
1025 lbs. 22 days  
205 2-11 Blr. pr. hr.  
840' 3-9" Blr. pr. hr.

Surface	0	35	Slate	1692	1705
Sand	35	55	Red Rock	1705	1730
Slate	55	110	Slate & Shells	1730	1765
Sandy Slate	110	150	Red Rock	1765	1875
Sand	150	165	Slate	1875	SLM 1966
Slate	165	195	Maxon Sand	SLM 1966	2033
Brown Shale	195	230	Slate	2033	2100
Slate	230	245	Lime L.?	2100	2117
Sand	245	255	Slate	2117	2138
Slate	255	405	Dark Lime	2138	2190
Coal	405	407	Gray Lime	2190	2440
Slate	407	415	Slate	2440	2476
Sand	415	440	Red Rock	2476	2492
Slate	440	488	Slate & Shells	2492	2640
Lime	488	500	Wair Sand	2640	2672
Sand	500	526	Slate & Shells	2672	2905
Coal	526	528	Brown Shale <i>Sanbury</i>	2905	2915
Sand	528	535	Gritty Lime <i>Becca?</i>	2915	2920
Slate	535	546	Slate	2920	2925
Brown Shale	546	565	Lime	2925	2933
Slate	565	580	Slate	2933	3182
Sand, Hard	580	716	TOTAL DEPTH		3182
Brown Shale	716	734			
Sandy Lime	734	746	Gas 780' Small show		
Slate	746	778			
Lime	778	803	CEMENT RECORD:		
Sand	803	863			
Coal	863	864	9-9-43 Cemented 10 1/2" casing at		
Sand	864	1040	650' DLM -650' SLM. Ran 13 sacks Aquagel		
Slate	1040	1045	50# Fibrotex. Circulation 500'		
Lime	1045	1050	Returns 425' Delbert Lawson, Cementer		
Sand	1050	1113	Columbian Carbon Company		
Brown Shale	1113	1135			
Slate	1135	1150	11-30-43 Cemented 8 5/8" casing at		
Sand	1150	1208	1986' DLM-2005' SLM. Ran 24 sacks		
Slate	1208	1280	Aquagel. 50# Fibrotex. No circulation.		
Sand	1280	1297	No returns. Delbert Lawson, Cementer,		
Slate	1297	1305	Columbian Carbon Company		
Red Rock	1305	1334			
Pink Rock	1334	1348			
Lime	1348	1356			
Slate	1356	1365			
Lime	1365	1375			
Sand	1375	1405			
Red Rock	1405	1437			
Lime	1437	1445			
Slate	1445	1560			
Red Rock	1560	1582			
Sand	1582	1640			
Red Rock	1640	1692			