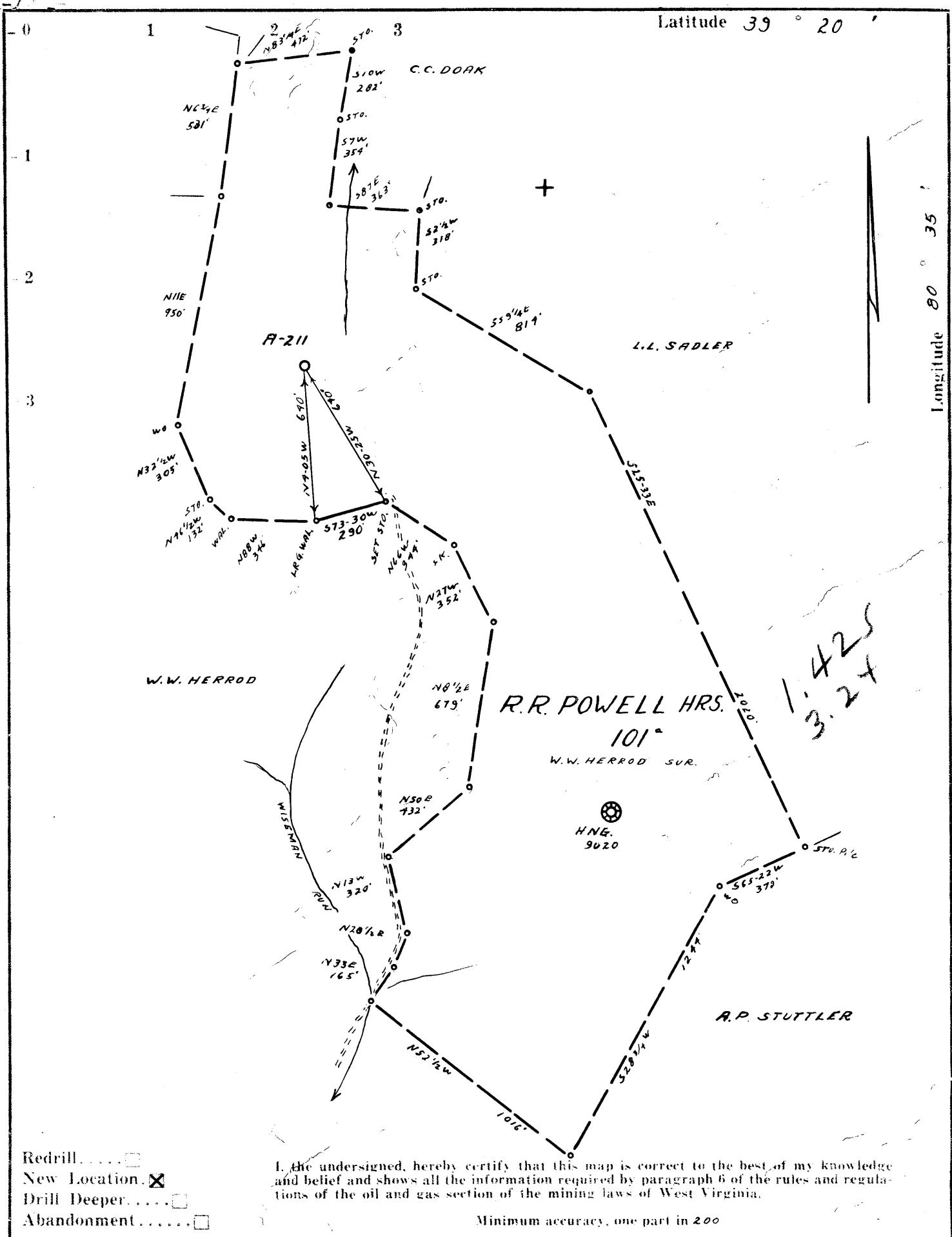


M



- Redrill.
- New Location.
- Drill Deeper.
- Abandonment.

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.

Minimum accuracy, one part in 200

Company ALLEGHENY LAND & MINERAL CO.
 Address CLARKSBURG, W.VA.
 Farm R. R. POWELL HRS.
 Tract _____ Acres 101 Lease No. _____
 Well (Farm) No. 2 Serial No. A-211
 Elevation (Spirit Level) 1132' VA.
 Quadrangle CENTERPOINT SW 4² SC
 County DODDRIDGE District GRANT
 Engineer James Jeffers
 Engineer's Registration No. 1084
 File No. 206/74 Drawing No. _____
 Date 4-15-63 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. **DOD-966**

— 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.

RDME

6-8-99



Amended 109
8-8-63

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 3

Quadrangle Geotoprint
Permit No. Dod-966

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Allegheny Land & Mineral Company
Address Clarksburg, W.Va.
Farm R.R. Powell Heirs Acres 101
Location (waters) _____
Well N A-211 Elev. 1132
District Grant County Doddridge
The surface of tract is owned in fee by W.W. Herrod
Address Salem, W.Va.
Mineral rights are owned by R.R. Powell Heirs
Address Clarksburg, W.Va.
Drilling commenced June 15, 1963
Drilling completed July 16, 1963
Date Shot _____ From _____ To _____
With _____
Open Flow 4/10ths Water in 2" Inch
_____/10ths Merc. in _____ Inch
Volume 84,000 Cu. Ft.
Rock Pressure 425 lbs. 10 hrs.
Oil Show only bbls., 1st 24 hrs.

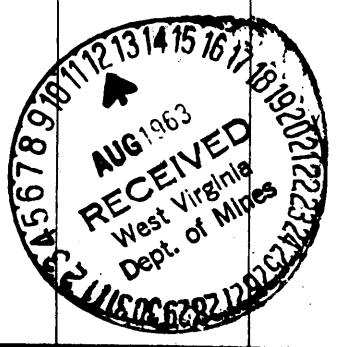
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16	18'	18'	
13			
10	396'		Size of
8 3/4	1277'		
6 3/4	1805'		Depth set
5 3/4 4 1/2"	2153'	2153'	
3			Perf. top <u>2065</u>
2			Perf. bottom <u>2080</u>
Liners Used			Perf. top <u>2120</u>
			Perf. bottom <u>2123</u>

WELL ACIDIZED _____
WELL FRACTURED July 24, 1963 By Dowell- Water, sand, acid.

CASING CEMENTED 453 SIZE 4 1/2" No. Ft. 7-17-63 Date
56 Cement- 4 Aquajel
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT 65/10 Merc. 2" 1,254 M
ROCK PRESSURE AFTER TREATMENT 515# 12 hr.
Fresh Water 1 bailer per hr Feet 50 Salt Water Hole full Feet 1560

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil			0	5			
Red Rock			5	25			
Sand			25	50			
Blue slate			50	133	Fresh water	50	1 bailer per hr
Coal formation			133	135			Coal mixed
Slate & shells			135	160			with slate
Red Rock			160	185			
Slate & shells			185	254			
Red Rock			254	270			
Slate & shells			270	295			
Sandy lime			295	365			
Slate			365	380			
Coal formation			380	387			Coal mixed
Slate & shells			387	400			with slate
Lime		Hard	400	450			
Sand			450	470	Gas	455	Show
Lime		Hard	470	495			
White slate			495	598			
Sand			598	640			
Black slate			640	685			
Sand			685	715			
Slate			715	725			
Sand			725	760			
Lime			760	780			
Pink Rock			780	800			
Slate & shells			800	885			
Red Rock			885	925			
Slate & shells			925	992			
Pink Rock			992	1015			
Gray shale			1015	1055			



Formation	Color	Hard or Soft	Top ³	Bottom	Oil, Gas or Water	Depth Found	Remarks
Black slate			1045	1065			
late & shells			1065	1132			
Black slate			1132	1165			
White slate			1165	1310			
Sandy lime			1310	1325			
and			1325	1378			
late			1378	1435			
and			1435	1485			
late			1485	1530			
and			1530	1595	Salt water	1560	Hole full
late			1595	1610			
Sandy lime			1610	1655			
and			1655	1700			
lime			1700	1755			
Black slate			1755	1850			
lime			1850	1890			
Red Rock			1890	1900			
Little Lime			1900	1936			
Pencil cave			1936	1946			
Big Lime			1946	2035			
ajun			2035	2102	Gas	2060	Show
late			2102	2110	Oil	2076-86	Show
and			2110	2130	Gas	2115-25	4/10 W 2"
late & shells			2130	2154			84 M
Total depth				2154			
4 1/2" casing perforated:			2065 to 2080	-- 30 shots (2 per ft)			
			2129 to 2123	-- 6 " (2 " "			

Date August 8, 1963, 19

APPROVED Allegheny Land & Mineral Co., Owner

By Claron Dawson, Mahone, W.Va.
(Title)