

Latitude 39° 10'

Longitude 80° 50'

Tommie Bee

S. 71/4° W 21/2 P. S. 86 3/4° W 30 1/2 P. J.O.

S. 6 1/4° E 54 1/2 P. W.O. S. 83 1/4° E 16 P. Hickory

S. 74 1/4° E 3 1/2 P. ROAD

Arden Hodge 40 Ac.

WELL # 1 ELEV. 875

N. 89 3/4° W 742'

Chestnut Oak

Mable Wiseman

S. 56 3/4° W 6 1/2 P. S. 88 1/2° W 11 P.

N. 88 1/4° W 2 P. S. 7 1/4° E 10 3/4 P.

S. 0 1/2° W 55 P.

Chestnut

Bee

2.325
2.925

New Location
Drill Deeper
Abandonment

Company E.W. Bowers
Address Box 5, Huntington, W.Va.
Farm Arden Hodge
Tract _____ Acres 40 Lease No. _____
Well (Farm) No. 1 Serial No. 9
Elevation (Spirit Level) 875
Quadrangle Holbrook C
County Ritchie District Union
Engineer Parker E. Peters
W.P. Ireland, field
Engineer's Registration No. 485
File No. _____ Drawing No. _____
Date April 9, 1959 Scale 1" = 30P.

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

WELL LOCATION MAP
FILE NO. Rit-2037

+ 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.

6-6 132

E 59 ✓



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 5

Quadrangle Holbrook

Permit No. Rit-2037

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company E. W. Bowers
Address Box 5, Huntington, W. Va.
Farm Arden Hodge Acres 40
Location (waters) Otterslide
Well No. One Elev. 875
District Union County Ritchie
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by 1/2 interest by Arden Hodge
Address Berea, W. Va.
Drilling commenced April 21, 1959
Drilling completed May 11, 1959
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
18 /10ths Merc. in _____ 2 Inch
Volume 684,000 Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED Yes

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer _____
16			
13			Size of _____
10			
8 1/4			Depth set _____
6 3/4			
5 3/8 x 1/2	<u>1807'</u>	<u>1807'</u>	Perf. top _____
3			Perf. bottom _____
2			Perf. top _____
Liners Used	<u>115' 4 1/2" liner</u>		Perf. bottom <u>12'</u>
	<u>left in well</u>		

CASING CEMENTED 5 1/2" SIZE 100 No. Ft. _____ Date _____
115' 4 1/2" liner
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

RESULT AFTER TREATMENT Good

ROCK PRESSURE AFTER TREATMENT 600 pounds

Fresh Water _____ Feet _____ Salt Water _____ Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red mud & rock			0	40			
Slate			40	85			
Red Rock			85	100			
Slate			100	110			
Red Rock			110	120			
Slate			120	150			
B. Slate			150	205			
Red Rock			205	255			
Slate			255	290			
Red Rock			290	345			
Lime shells			345	375			
Slate			375	410			
Red Rock			410	425			
Slate			425	530			
Red Rock			530	580			
Slate			580	610			
Red Rock			610	634			
Slate			634	670			
Lime Hard			670	700			
Red Rock			700	725			
Slate			725	750			
Lime (Gritty)			750	770			
Slate			770	820			
Black Slate			820	835			
Slate			835	935			
Gritty Lime			935	1035			
Slate			1035	1065			
Lime Shells			1065	1135			
Slate & Shells			1135	1235			
Sand			1235	1300			



Formation	Color	Hard or Soft	Top 5'	Bottom	Oil, Gas or Water	Depth Found	Remarks
Black Slate			1300	1347			
Sand			1347	1365			
Slate & Shells			1365	1495			
Sand			1495	1525			
Slate & Shells			1525	1605			
Sand			1605	1640			
Slate & Shells			1640	1711			
Lime Hard			1711	1733			
Sand			1733	1751			
Lime			1751	1806	Little gas at 1758		
Sand			1806	1884	Oil and gas 1828 to 1840		
Slate			1884	1895	Gas 1863 - 1875		

Date June 17, 1959

APPROVED E. W. Bowers, Owner

By _____ Contractor
(Title)