



MINIMUM ERROR OF CLOSURE 1 in 200

SOURCE OF ELEVATION USGS Elev. at Road Intersection

1400' South of Well Location = El 893.8

New Location

Drill Deeper

Abandonment

12-4-73

"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."

Company Willard E. Ferrell
 PURSLEY'S PULLING & WELL SERVICE
 Address PO Box 6056, Charlottesville, Va.
 BOX 51 - LEROY, W. VA.
 Farm HAYS RIDDLE
 Tract _____ Acres 130 Lease No. _____
 Well (Farm) No. 2 Serial No. _____
 Elevation (Spirit Level) 973.8
 Quadrangle Holbrook C
 County Ritchie District Union
 Engineer H. F. Johnson
 Engineer's Registration No. 2492
 File No. _____ Drawing No. _____
 Date May 26, 1966 Scale 1" = 30 Poles

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

WELL LOCATION MAP
 FILE NO. RIT-3136-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.

DEC 21 1973



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

For pasting
9-12-66
WS

Quadrangle _____

Permit No. RIT 3136

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Willard E. Ferrell
Address P.O. Box 5056, Philadelphia, Pa. 19111
Farm J.P. Smith (Hayes Riddle) Acres 135
Location (waters) _____
Well No. 1 Elev. 974
District Union County Ritchie
The surface of tract is owned in fee by Hayes Riddle
Auburn, W.Va. Address _____
Mineral rights are owned by 1/2 Hayes Riddle-1/2 Smith
Auburn, W.Va. Address _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16	16	16	Kind of Packer
13			
10			Size of
8 1/4	278		
6 3/8	1048		Depth set
5 3/16			
3 1/2 in	1899	1899	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Drilling commenced June 18, 1966
Drilling completed July 6, 1966
Date Shot _____ From _____ To _____
With _____

Open Flow 2 /10ths Water in 2 Inch
_____ /10ths Merc. in _____ Inch
Volume 60M Cu. Ft.
Rock Pressure 400 lbs. 24 hrs.
Oil Show bbls., 1st 24 hrs.

CASING CEMENTED 4 1/2 SIZE No. Ft. 7/7/66 Date
30 bags cement- 2 bags acqua-jel

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

WELL FRACTURED July 12, 1966 750 bls fluid- 500 gal acid 32,000 sand

RESULT AFTER TREATMENT 66/10 water - 2 inch 450M

ROCK PRESSURE AFTER TREATMENT 525

Fresh Water Surface Feet _____ Salt Water _____ Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Earth			0	8			
Sand			8	20			
Slate & Red Rock			20	145			
Slate-Black			145	165			
Sand			165	178			
Red Rock			178	262			
Slate & Red Rock			262	420			
Sand			420	647			
Slate & Red Rock			647	917			
Sand			917	940			
Slate & Shells			940	1051			
Lime			1051	1070			
Sand			1070	1115			
Slate			1115	1145			
Sand			1145	1157			
Slate			1157	1354			
Sand			1354	1378			
Slate			1378	1554			
Sand			1554	1620			
Slate & Red Rock			1620	1693			
Lime			1693	1720			
Slate			1720	1748			
Lime			1748	1760			
Sand			1760	1771			
Lime			1771	1823			
Sand			1823	1878			
Slate			1878	1899			

Show of Oil

Gas 1735 - 1760
Total Depth



Big INJUN