

1.595
1.674

- New Location
- Drill Deeper
- Abandonment

Company ARTHER L. & Kenneth F. NICHOLSON

Address SMITHVILLE, W.VA.

Farm HARTZEL RIDDLE JR.

Tract 2 Acres 17 3/4 Lease No. _____

Well (Farm) No. 1 Serial No. _____

Elevation (Spirit Level) 920'

Quadrangle HOLBROOK SW

County RITCHIE District MURPHY

Engineer Parker E. Peters

Engineer's Registration No. 485

File No. _____ Drawing No. _____

Date 1961 NOVEMBER 13 Scale 1"=20 P

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

WELL LOCATION MAP
FILE NO. RIT-2490

- + 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 33

Quadrangle Holbrook
Permit No. RIT-2490

WELL RECORD

Oil or Gas Well Oil & Gas
(KIND)

Company Falls Church Oil & Gas Co.
Address Smithville, West Virginia
Farm Hartzel Riddle, Jr. Acres 17-3/4
Location (waters) Leather bark of spruce
Well No. 1 Elev. 920'
District Murphy County Ritchie
The surface of tract is owned in fee by Hartzel Riddle, Jr.
Address Smithville, W. va.
Mineral rights are owned by See below
Address _____
Drilling commenced 12/11/61
Drilling completed 1/11/62
Date Shot _____ From _____ To _____
With _____
Open Flow 9/10ths Water in 2 Inch
_____/10ths Merc. in _____ Inch
Volume 20,000 Cu. Ft.
Rock Pressure 350 lbs. _____ hrs.
Oil approx. 5 bbls., 1st 24 hrs.
WELL ACIDIZED _____

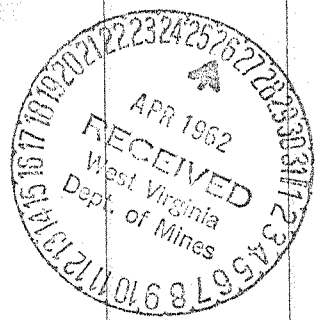
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Hookwall packer
16			Kind of Packer _____
13			Size of <u>4 1/2</u>
10			Depth set <u>1835</u>
8 1/2	<u>342</u>	<u>none</u>	Perf. top _____
6 1/2	<u>1089</u>	<u>none</u>	Perf. bottom <u>X</u>
5 1/2 <u>4 1/2</u>	<u>2371</u>	<u>2371</u>	Perf. top _____
3			Perf. bottom <u>X</u>
2			
Liners Used			

CASING CEMENTED 4 1/2 SIZE 2371 No. Ft. 1/12/62 Date
80 sks. cement, 10 sks. baroid, 4 sks. aquagel
COAL WAS ENCOUNTERED AT none FEET INCHES
LAWSON SERVICE
____ FEET _____ INCHES FEET _____ INCHES
____ FEET _____ INCHES FEET _____ INCHES

WELL FRACTURED 1/20/62

RESULT AFTER TREATMENT approx. 1/2 million gas - approx. 8 bbls per day
ROCK PRESSURE AFTER TREATMENT 350#
Fresh Water NONE Feet _____ Salt Water None Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay			0	15			
Y-sand			15	30			
B-sand			30	60			
Slate			60	80			
Red Rock			80	110			
Sand			110	130			
Slate			130	155			
Red Rock			155	175			
Sand			175	215			
Slate			215	250			
Red Rock			250	285			
Lime			285	300			
Red Rock			300	335			
Slate & shells			335	385			
Red Rock			385	460			
Sand			460	480			
Slate			480	570			
Red Rock			570	635			
Lime shell			635	650			
Slate			650	670			
Red Rock			670	770			
Slate			770	835			
Red Rock			835	880			
Slate & shells			880	930			
Sand			930	955			
Slate			955	1000			
Sand			1000	1012			
Slate & shell			1012	1082			
Sand			1082	1195			
Slate			1195	1220			



Formation	Color	Hard or Soft	Top 33	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			1220	1270			
Slate			1270	1300			
Sand			1300	1355			
Slate			1355	1475			
Sand			1475	1590			
Slate			1500	1530			
Sand			1530	1655			
Slate			1655	1675			
Lime			1675	1690			
Slate			1690	1732			
Sand		Maxon	1732	1775	OIL		
Lime			1775	1785			
Sand		Broken	1785	1825			
Lime		Black	1825	1835			
Slate		Pencil cave	1835	1849			
Lime		Big	1849	1939			
Sand		Big Injun	1939	1979	Gas		
Slate			1979	2320			
Sand			2320	2331			
Slate			2331	2371			
		TOTAL DEPTH		2371			
* Junior Riddle - 1/2 Oil & Gas 17-3/4 acres spruce							
Rella Lindsay 1/2 Oil 17-3/4 acres spruce							
N. D. Wright Heirs 1/2 Gas 34 1/2 acres Spruce							
Rella Lindsay 1/2 Oil 17-3/4 acres Spruce							
* Well fractured in Injun & Berea Grit Sands - 600 bbls. det & water in both zones. Berea fractured first Baker Plug set at 2003							
Injun fractured Plug Drilled up in Both sands now producing							

Date April 26, 1962

APPROVED Fallschurch Oil & Gas Co., Owner

(signed) By Arthur Nicholson, agent
(Title)