

MINIMUM ERROR OF CLOSURE 1" IN 200'
 SOURCE OF ELEVATION USGS Elev. @ Road Intersection 2700 ±
East of Well Location Elev. 1048.0

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."

Company Willard E. Ferrell
 Address P.O. Box 5056 Philadelphia 14, Pa.
 Farm Sloan & Mary Cooper
 Tract 141.75 Acres 38 Lease No. _____
 Well (Farm) No. ONE Serial No. _____
 Elevation (Spirit Level) 975.0
 Quadrangle Holbrook - C
 County Ritchie District Union
 Engineer Parker E. Peters
 Engineer's Registration No. _____ 485
 File No. _____ Drawing No. _____
 Date Nov 30, 1965 Scale 1" = 30 P

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. Rit-3087

+ 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 **20**

- Rotary
- Spudder
- Cable Tools
- Storage

Quadrangle

WELL RECORD

Oil or Gas Well Dry
(KIND)

Permit No. Rit 3087

Company Willard E. Ferrell
Address Philadelphia, Pa.
Farm P. M. Griffith Acres 38
Location (waters) Sloan & Mary Cooper
Well No. 1 Elev. 975
District Union County Ritchie
The surface of tract is owned in fee by P. M. Griffith
Address Oxford, W. Va.
Mineral rights are owned by Above
Address

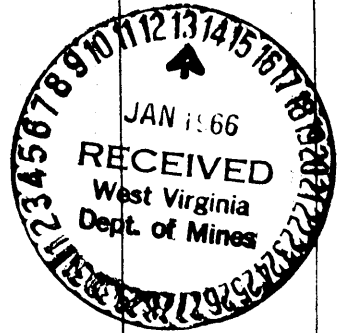
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			Size of
16 14"	19'		Depth set
10			Perf. top
8 1/4	475		Perf. bottom
6 3/4	1102		Perf. top
5 3/16			Perf. bottom
4 1/2			
3			
2			
Liners Used			

Drilling commenced 12-8-65
Drilling completed 1-9-66
Date Shot From To
With
Open Flow /10ths Water in Inch
/10ths Merc. in Inch
Volume Dry Hole to Burn Cu. Ft.
Rock Pressure lbs. hrs.
Oil bbls., 1st 24 hrs.

Attach copy of cementing record.
CASING CEMENTED SIZE No. Ft. Date
Amount of cement used (bags)
Name of Service Co.
COAL WAS ENCOUNTERED AT FEET INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

WELL ACIDIZED (DETAILS)
WELL FRACTURED (DETAILS)
RESULT AFTER TREATMENT (Initial open Flow or bbls.)
ROCK PRESSURE AFTER TREATMENT HOURS
Fresh Water Feet Salt Water Feet
Producing Sand Depth

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay			0	15			
Slate & Shells			15	25			
Red Rock			25	40			
Slate & Shells			40	80			
Red Rock			80	100			
Slate & Shells			100	130			
Sand			130	150			
White Slate			150	200			
Red Rock			200	220			
Slate			220	235			
Red Rock			235	300			
Lime & Sand			300	330			
Slate & Shells			330	340			
Red Rock			340	370			
Slate & Shells			370	500			
Lime			500	545			
Red Rock			545	625			
Sand			625	665			
Lime			665	680			
Red Rock			680	730			
Slate & Shells			730	765			
Red Rock			765	800			
Slate & Shells			800	875			
Sand			875	925			
Black Slate			925	960			
Lime			960	1050			
Black Slate			1050	1060			
Lime			1060	1072			



Formation	Color	Hard or Soft	Top <i>20</i>	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			1072	1102			
Lime			1102	1115			
Sand			1115	1130			
Sand			1130	1135			
Lime			1135	1185			
Sand			1185	1252			
Black Slate			1252	1275			
Sand			1275	1310			
Black Slate & Shells			1310	1370			
Sand			1370	1400			
Sand-Broken			1400	1450			
Sand			1450	1540			
Sand-Broken			1540	1560			
Lime			1560	1600			
Slate			1600	1612			
Sand			1612	1670			
Lime			1670	1685			
Big Lime			1685	1745			
Lime & Sand			1745	1835			
Big Injun Sand			1835	1880			
Lime			1880	1895			
Sand			1895	1901			
Slate & Shells			1901	1998			
Sand			1998	2190			
Slate & Shells			2190	2300			

Date _____, 19____

APPROVED Willard E Fenell Jr Owner

By _____ (Title)