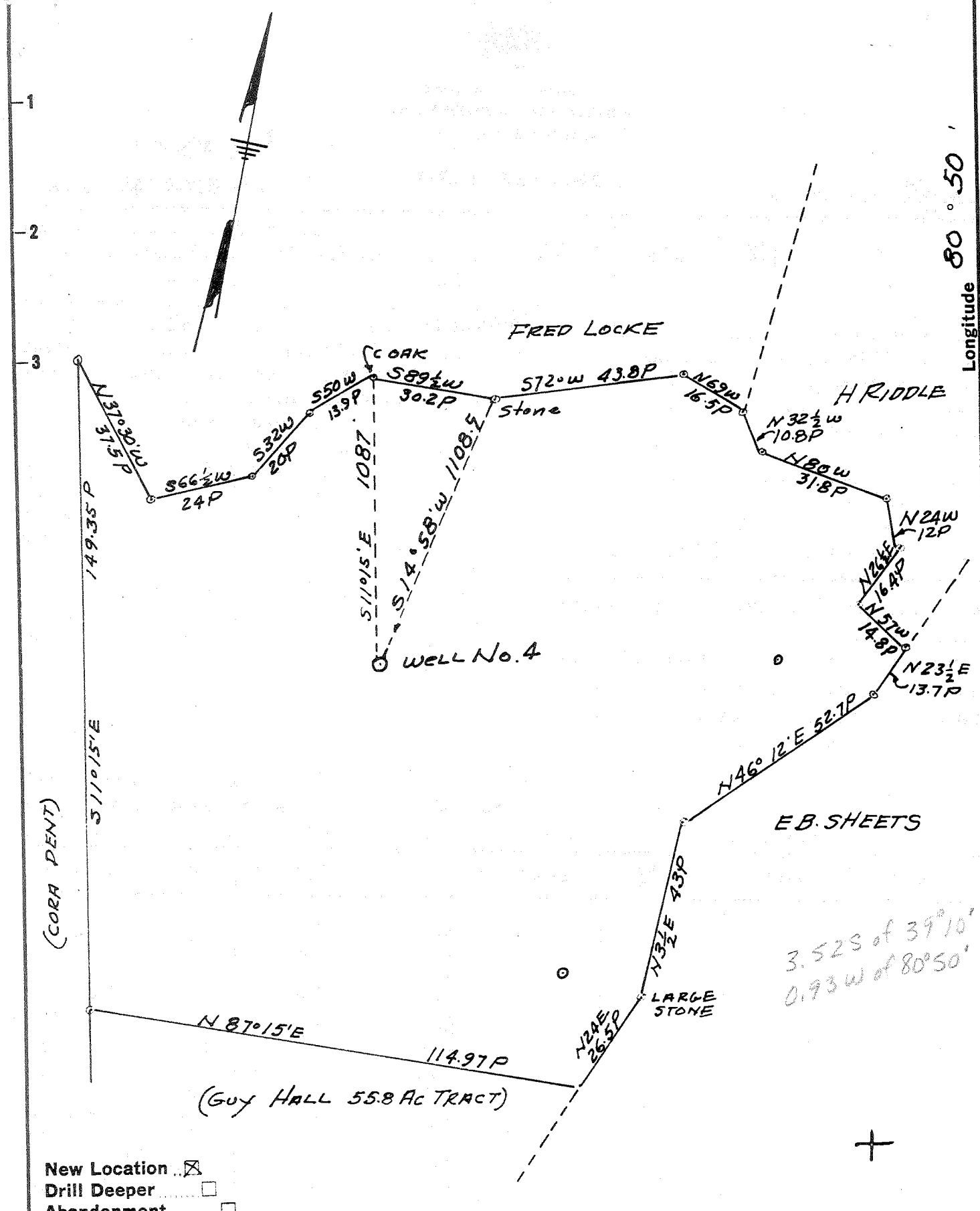


Latitude 39° 15'

Longitude 80° 50'



(CORA DENT)

5110/5'E

149.35P

N37°30'W
317.5P

S66½W
24P

S32W
20P

S55W
13.9P

S89½W
30.2P

FRED LOCKE

572°W 43.8P

N69W
16.5P

H RIDDLE

N32½W
10.8P

N80W
31.8P

N24W
12P

N24½E
16.4P

N57W
14.8P

N23½E
13.7P

COAK

Stone

5110/5'E
1087

S14°58'W
1108.E

WELL No. 4

E.B. SHEETS

N 87° 15' E

114.97P

(Guy Hall 55.8 Ac TRACT)

LARGE STONE

3.52S of 39° 10'
0.93W of 80° 50'

- New Location
- Drill Deeper
- Abandonment

Company WILLARD E FERRELL

Address P.O. Box 5056 PHILADELPHIA 11, PA.

Farm W H HALL

Tract _____ Acres 148.5 Lease No. _____

Well (Farm) No. 4 Serial No. _____

Elevation (Spirit Level) 1060

Quadrangle Holbrook No. 6

County RITCHIE District UNION

Engineer LG MERRILL

Engineer's Registration No. 152

File No. _____ Drawing No. _____

Date Aug 31, 1959 Scale 1" = 30 Poles

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

WELL LOCATION MAP

FILE NO. Rit-2114

- + 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

FS



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

Quadrangle Halbrook
Permit No. ROT 2082 2114

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Willard E. Ferrell
Address P.O. Box 5056 Philadelphia 11, Pa.
Farm W.H. Hall Acres 148.5
Location (waters)
Well No. 34 Elev. 1181/1060
District Union County Ritchie
The surface of tract is owned in fee by W.H. Hall
Address Auburn, W.Va.
Mineral rights are owned by W.H. Hall
Address Auburn, W.Va.
Drilling commenced September 12, 1959
Drilling completed October 7, 1959
Date Shot _____ From _____ To _____
With _____
Open Flow 2 /10ths Water in 3/8 Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure 500 lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size 16			Kind of Packer <u>Anchor</u>
13	16'	16'	Size of <u>4 1/2</u>
10	180'		Depth set <u>2120</u>
8 1/4	1087'6"		
6 5/8			
5 3/16	1910'5"	1910'5"	
3	2118'	2118'	Perf. top _____
2			Perf. bottom _____
Liners Used	<u>4 1/2"</u>	<u>147'</u>	Perf. top _____
	<u>Set-2170'</u>		Perf. bottom _____

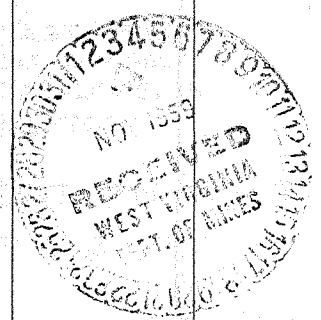
CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

WELL FRACTURED Yes

RESULT AFTER TREATMENT 12/10 W - 2" 146 MCF
ROCK PRESSURE AFTER TREATMENT same 500 lbs

Fresh Water _____ Feet _____ Salt Water _____ Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay		0	22				
Sand	Yellow	22	32				
Rock	Red	32	40				
Gravel, B. Mud		40	48				
Sand		48	62				
Slate		62	75				
Rock	Red	75	132				
Lime		132	148				
Rock	Red	148	235				
Slate - Shells		235	285				
Rock	Red	285	310				
Slate - Shells		310	325				
Rock	Red	325	370				
Lime		370	380				
Sand		380	420				
Rock	Red	420	450				
Lime		450	490				
Slate - Shells		490	520				
Lime		520	553				
Slate - Shells		553	600				
Rock	Red	600	635				
Slate - Shells		635	648				
Sand		648	668				
Rock	Red	668	765				
Lime		765	815				
Rock	Red	815	825				
Slate - Shells		825	885				
Rock	Red	885	918				
Slate - Shells		918	965				



(over)

Formation	Color	Hard or Soft	Top 5'	Bottom	Oil, Gas or Water	Depth Found	Remarks
Rock	Red	965	990				
SXXXXXX Shells		990					
Sand		990	1028				
Lime		1028	1050				
Sand		1050	1067				
Slate		1067	1087		*-----Gas		
Lime		1087	1175				
Sand	Salt	1175	1230				
Slate	Shells	1230	1520				
Sand		1520	1560				
Slate	Shells	1560	1580				
Lime		1580	1610				
Sand		1610	1625				
Slate	Shells	1625	1680				
Sand		1680	1755		Show of gas	1742 - 1748	
Lime	B.	1755	1770				
Slate		1770	1780		Water	1750	
Sand		1780	1800				
Rock	Red	1800	1810				
Slate		1810	1823				
Rock	Red	1823	1833				
Lime		1833	1865				
Slate		1865	1870				
Lime		1870	1877				
Slate		1877	1890				
Lime	B.	1890	1960				
Sand	Keener	1960	1970				
Lime		1970	1975				
Sand	Injun	1975	2025				
Slate		2025	2075				
Lime		2075	2090		Show - Oil	2176 - 2180	
Weir	Shells	2090	2230				
		Total Depth	2230			Gas	2180 - 2187

Date November 2, 1958

APPROVED Willard E. Ferrell, Owner

By _____ (Title)

