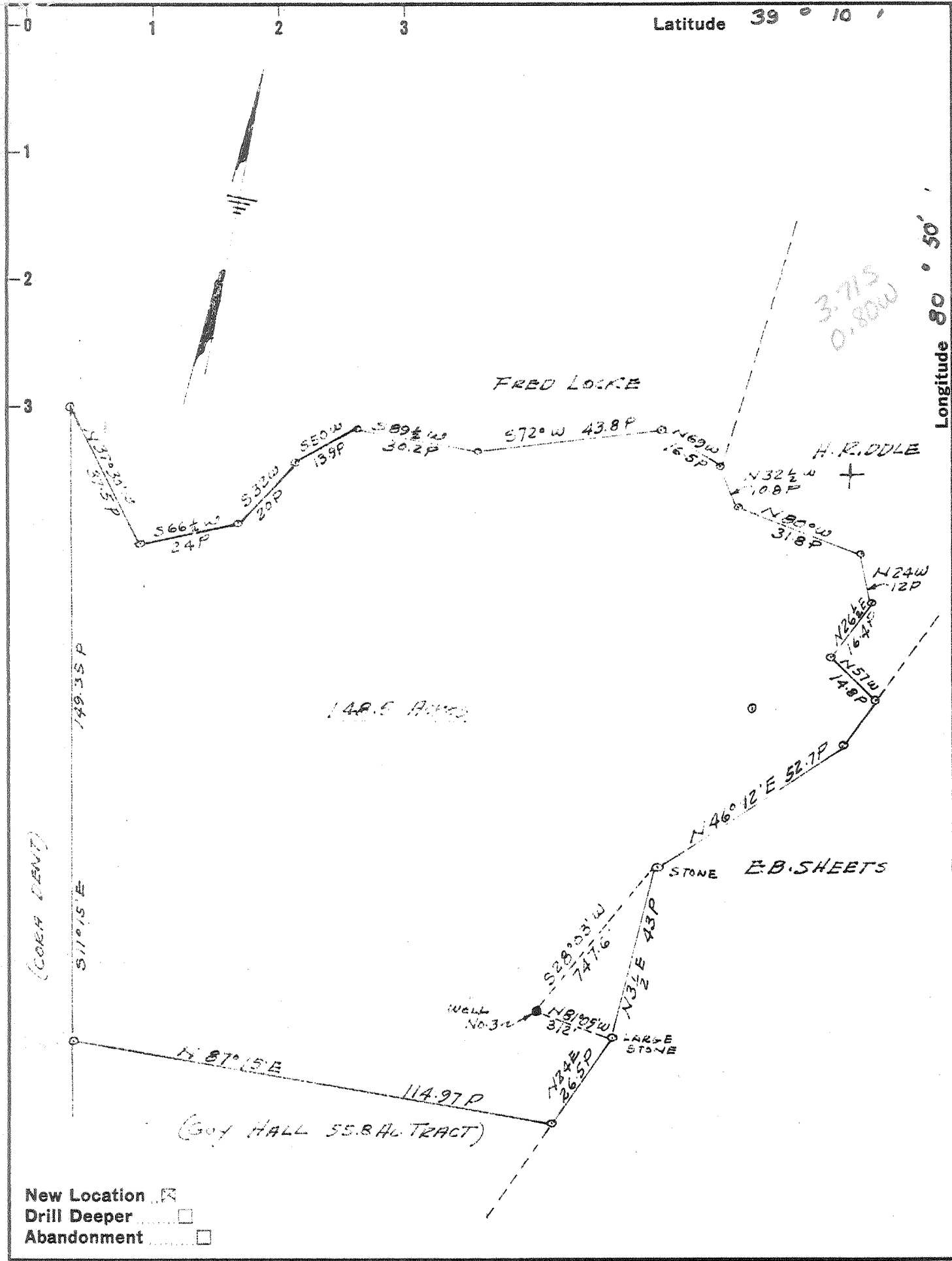


P.



Company WILLARD E. FERRELL

Address ED. BOX 5056 PHILADELPHIA 11, PA

Farm W. H. HALL

Tract _____ Acres 148.5 Lease No. _____

Well (Farm) No. 3 Serial No. _____

Elevation (Spirit Level) 1181

Quadrangle Holbrook - C

County RITCHIE District UNION

Engineer L. S. MERRILL

Engineer's Registration No. 152

File No. _____ Drawing No. _____

Date July 2, 1953 Scale 1" = 30 Poles

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

WELL LOCATION MAP
 FILE NO. Rit-2082

+ 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.

66 132



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Hallbrook

WELL RECORD

Permit No. RIT-2082

Oil or Gas Well Gas
(KIND)

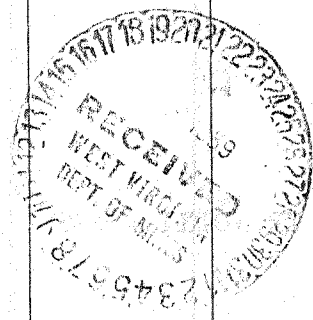
Company Willard E. Ferrell
Address P.O. Box 5056 - Philadelphia 11, Pa.
Farm W.H. Hall Acres 148.5
Location (waters) _____
Well No. 3 Elev. 1181'
District Union County Ritchie
The surface of tract is owned in fee by W.H. Hall
Address Auburn, W.Va.
Mineral rights are owned by W.H. Hall
W.H. Hall Address Auburn, W.Va.
Drilling commenced July 25, 1959
Drilling completed August 22, 1959
Date Shot From _____ To _____
With _____
Open Flow 30/10ths Water in 1 Inch
57M /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure 600 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			Anchor
13 16'	Wood Conductor		Size of <u>2 - 5</u>
10	193'		Depth set <u>1998 -</u>
8 1/4	1240'		
6 5/8			
5 3/16	1986'		
3			Perf. top _____
2	2186' 2"	2186' 2"	Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

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

RESULT AFTER TREATMENT 80/10 W. 2" 377M
ROCK PRESSURE AFTER TREATMENT 600 lbs
Fresh Water _____ Feet Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay		0	6				
Sand		8	10				
Clay	Red	10	35				
Sand	Yellow	35	65				
Slate		65	100				
Rock	Red	100	105				
Slate		105	120				
Sand		120	132				
Slate		132	140				
Rock	Red	140	190				
Slate		190	215				
Rock	Red	215	290				
Lime		290	300				
Sand		300	367				
Rock	Red	367	445				
Slate		445	475				
Lime		475	490				
Rock	Red	490	525				
Lime		525	565				
Slate		565	595				
Lime		595	615				
Slate		615	645				
Lime		645	663				
Rock	Red	663	695				
Slate		695	715				
Rock	Red	715	825				
Slate		825	858				
Lime		858	885				
Slate		885	915				



(over)

F59

Formation	Color	Hard or Soft	Top δ	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lime		915	975				
Slate		975	1000				
Lime		1000	1025				
Slate		1025	1040				
Sand		1040	1105				
Lime		1105	1120				
Sand		1120	1150				
Slate		1150	1185				Water 1140' 4B - Hr
Lime		1185	1208				
Slate		1208	1214				
Lime		1214	1280				
Slate		1280	1295				
Sand		1295	1325				
Slate		1325	1365				
Sand		1365	1405				
Slate		1405	1520				
Sand		1520	1580				
Lime XX		1580	1685				
Sand		1685	1710				
Lime		1710	1760				
Sand	3rd salt	1760	1835				
Slate		1835	1855				
Lime		1855	1865				
Sand	Maxon	1865	1895				
Slate		1895	1910				
Lime		1910	1914				
Slate		1914	1921				
Lime		1921	1942				
Sand	B.K.N.	1942	1956				
Slate		1956	1966				
Lime	Black	1966	2034				
Sand	Keener	2034	2044				
Lime		2044	2049				Gas - 2076 - 2092
Sand	Injun	2049	2095				
Total Depth			2125				

Date September 21, 1959

APPROVED Harold E. Turner, Owner

By _____ (Title)