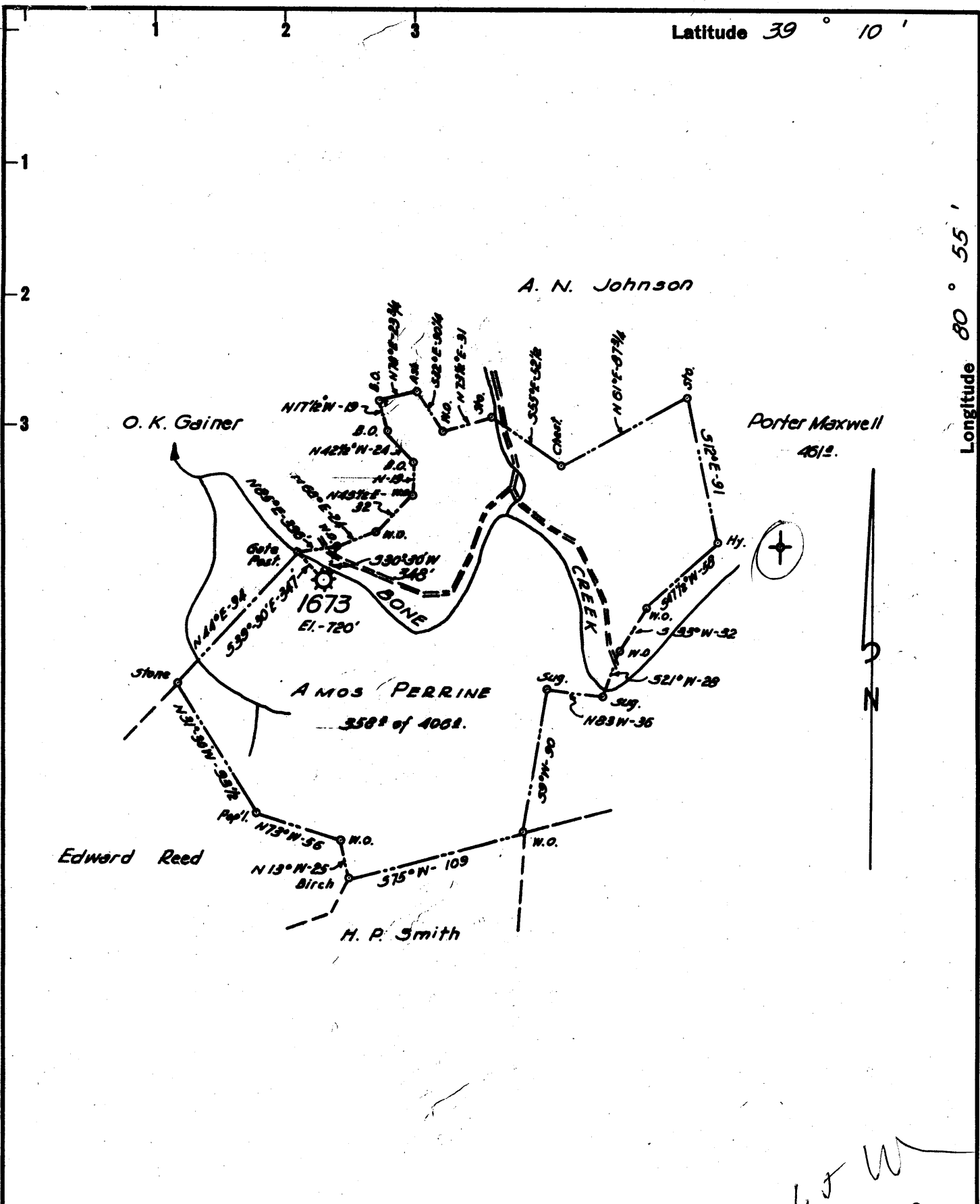


Latitude 39° 10'

Longitude 80° 55'



New Location ..
 Drill Deeper
 Abandonment 1673

JUL 31 1960

FORMERLY H. N. G. Co. WELL N° 1673

Handwritten:
 1.5 W
 4.1 R

Company	<u>P. & J. DEVELOPMENT Co.</u>
Address	<u>HAMLIN, W. VA.</u>
Farm	<u>AMOS PERRINE</u>
Tract	Acres <u>406</u> Lease No. <u>20286</u>
Well (Farm) No.	Serial No. <u>1673</u>
Elevation (Spirit Level)	<u>720'</u>
Quadrangle	<u>HOLBROOK</u>
County	<u>RITCHIE</u> District <u>UNION</u>
Engineer	<u>HENRY A. HAIN</u>
Engineer's Registration No.	<u>3150</u>
File No.	<u>P&J. - 9-00</u> Drawing No. _____
Date	<u>JUNE 24, 1960</u> Scale <u>1" = 80 POLES</u>

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

WELL LOCATION MAP
 FILE NO. Rit-1320-A

+ 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.

Handwritten at bottom: AMOS PERRINE No. 1673 P & J DEVELOPMENT Co. RIT-1320-A



1179

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Hobbs

Quadrangle _____

Permit No. 1370-A

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Hope Natural Gas Co.
Address Clarksburg, W. Va.
Farm Amos Ferrins Acres 406
Location (waters) Bone Creek
Well No. 1673 Elev. 720
District Union County Ritchie
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced Jan. 5, 1901
Drilling completed Feb. 28, 1901
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED _____

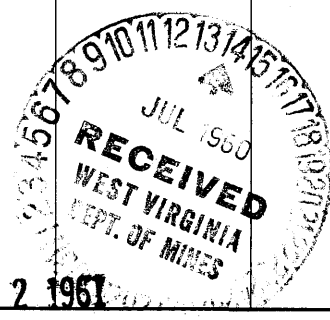
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer <u>A</u>
16			Size of <u>8 x 2</u>
13			
10	<u>209'11"</u>	<u>209'11"</u>	Depth set <u>1438'</u>
8 1/4	<u>1000'10"</u>	<u>1000'10"</u>	
6 3/4			Perf. top _____ Perf. bottom _____ Perf. top _____ Perf. bottom _____
5 1/2 <u>1/2</u>	<u>1380'</u>	<u>1380'</u>	
3	<u>1543' 3"</u>	<u>None</u>	
2	<u>1440'</u>	<u>None</u>	
Liners Used			

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

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

RESULT AFTER TREATMENT _____
ROCK PRESSURE AFTER TREATMENT _____
Fresh Water _____ Feet _____ Salt Water _____ Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Coal			570'	574'			
Salt Sand			1140'	1269'			
Maxon Sand			1414'	1529'	Gas 1439'		
Big Linc			1565'	1661'			
Injun Sand			1661'	1736'	Gas 1661'		
Squaw Sand			1981'	2041'			
					Total Depth	2783'	11/17/49
					Filled	1550'	
					Cleaned out to 1673'		



AUG 2 1951

AMOS FERRINE NO. 1 WELL.

70176

Union District, Ritchie County, W. Va.
 By South Penn Oil Co., Pittsburgh, Pa.
 Drilling commenced Jan. 5, 1901; completed Feb. 28, 1901.
 Record to RCT from C. C. Coffman March 30, 1936.

	Top.	Bottom.
Sand	16	38
Red rock	38	123
Sand	123	145
Red rock	145	205
Sand	205	225
Red rock and shells	225	275
Sand	275	303
Red rock (cave)	303	378
Slate	378	406
Red rock	406	504
Sand	504	518
Red rock and shells	518	570
Coal	570	574
Red rock	574	649
Black slate	649	669
Red rock	669	679
Sand	679	689
Red rock	689	724
Sand	724	764
Red rock	764	794
Sand	794	804
White slate	804	884
Sand	884	976
Slate and shells	976	1040
Black slate	1040	1120
Shale	1120	1140
Cow Run Sand (oil show)	1140	1214
Black slate	1214	1244
Sand	1244	1269
Black slate	1269	1339
Shell	1339	1344
Slate	1344	1414
Sand and lime	1414	1439
Salt Sand (gas)	1439	1504
Black slate	1504	1519
Sand	1519	1529
Red rock	1529	1555
Slate	1555	1565
Big Lime	1565	1661
Big Injun Sand (gas, 1661') (show oil, 1736')	1661	1736
Slate and shells	1736	1981
Berea Sand	1981	2041
Slate and shells	2041	2276
Sandy lime	2276	2291
Slate and shells	2291	2541
Shale	2541	2601
Red rock	2601	2629
Slate and shells	2629	2783
Total depth		2783

Union District, Hitchie County, W. Va.
By South Penn Oil Co.

	Top.	Bottom.
Conductor	0	16
Sand	16	38
Red rock	38	123
Sand	123	145
Red rock	145	205
Sand	205	225
Red rock and shells	225	275
Sand	275	303
Red rock	303	378
Slate	378	406
Red rock	406	504
Sand	504	518
Red rock and shells	518	570
Coal	570	574
Red rock	574	649
Black slate	649	669
Red rock	669	679
Sand	679	689
Red rock	689	724
Sand	724	764
Red rock	764	794
Sand	794	804
White slate	804	884
Sand	884	976
Slate and shells	976	1040
Black slate	1040	1120
Shale	1120	1140
Cow Run Sand	1140	1214
Black slate	1214	1244
Sand	1244	1269
Black slate	1269	1339
Shell	1339	1344
Slate	1344	1414
Sand and lime	1414	1439
Salt Sand	1439	1504
Black slate	1504	1519
Sand	1519	1529
Red rock	1529	1555
Slate	1555	1565
Big Lime	1565	1661
Big Injun Sand	1661	1736
Slate and shells	1736	1981
Berea Girt?	1981	2041
Sandy lime	2276	2291
slate and shells	2291	2541
shale	2541	2601
Red rock	2601	2629
Slate and shells, to bottom	2629	2783