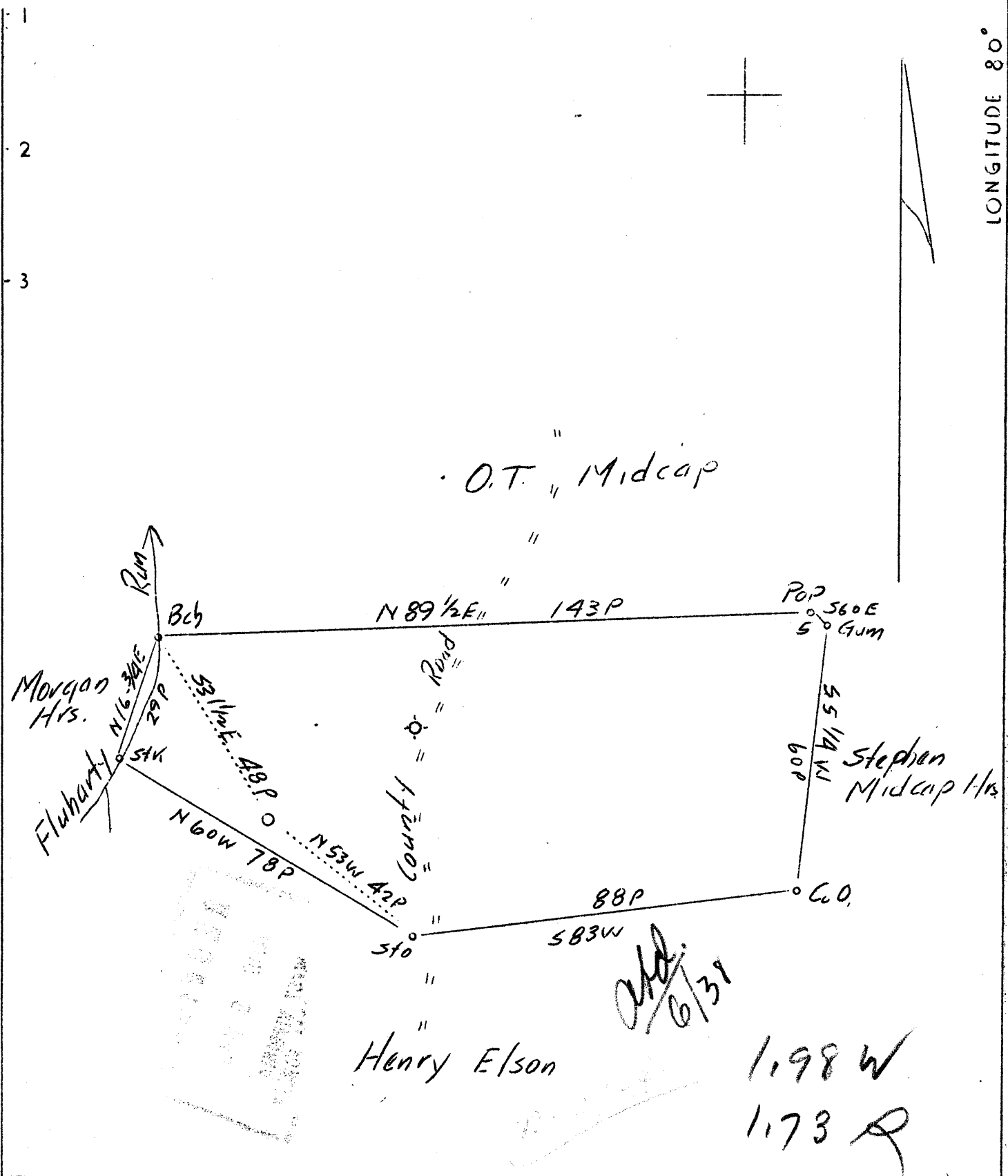


2

3

LATITUDE 39° 35'

LONGITUDE 80° 45'



Company	C.B. Smith
Address	R.D. #3, Parkersburg, W. Va.
Farm	Stephen Midcap Hrs.
Tract	1 Acres 50 Lease No.
Well (Farm) No.	1 Serial No.
Elevation (Spirit Level)	1048'
Quadrangle	New Martinsville
County	Wetzel District Green
Engineer	J.E. Anderson & sons
Engineer's Registration No.	296, (Robt. R)
File No.	Drawing No.
Date	July 23, 1937 Scale 1"-30 Poles

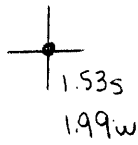
STATE OF WEST VIRGINIA
 Department of Mines
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 File No. WET-163

+ 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.

Latitude



Longitude

Topo Location

7.5' Loc. _____ 15' Loc. _____
 _____ (calc.) _____

Company CB Smith

Farm Stephen Midcap Hrs #1

15' Quad _____
(sec.)

7.5' Quad Porters Falls

District Groom

WELL LOCATION PLAT

County 103 Permit 163

STEPHEN MIDGAP HEIRS NO. 1...WELL.

No. 644 O.F.-Wet.

- Green District, Wetzel County, W. Va.
- By Her-Lee Oil Co., Route 3, Parkersburg, W. Va. (C.B. Smith)
- Drilled under permit Wet-163.
- Elevation... 607.8' ...
- 8 1/4" casing, 198'; 6 3/8", 1130'; 5 3/16", 1820'.
- Completion report to Dept. of Mines filed Aug. 10, 1938, (not dated).
- Record to RCT from Mrs. Griffith Sept. 2, 1938.

	Top.	Bottom.
Conductor	0	10
Red rock	0	30
Slate, white	30	100
Lime	100	110
Slate and shells	110	200
Sand	200	215
Slate and shells	215	310
Sand	310	325
Slate and shells	325	450
Lime	450	500
Slate and shells	500	770
Sand	770	780
Slate	780	840
Red rock	840	860
Slate and shells	860	930
Sand	930	950
Pink rock	950	970
Blue slate	970	1005
Sand (water at 1020', 4 bailers per hr.)	1005	1030
Slate and shells	1030	1065
Big Red	1065	1090
Slate and shells	1090	1120
Lime	1120	1135
Black slate	1135	1165
Little Dunkard Sand (show of oil)	1165	1190
Shale	1190	1270
Lime, white	1270	1285
Slate, white (cemented cave at 1300')	1285	1305
Lime, gray	1305	1340
Slate, black	1340	1370
Pink rock (cemented)	1370	1385
Slate	1385	1420
Lime	1420	1496
Black slate	1496	1502
Sand	1502	1565
Slate	1565	1573?
Sand	1577?	1603
Slate	1603	1677
Sand	1690	1720
Slate	1720	1750
Sand	1750	1800
Slate	1800	1810
Sand (oil, gas, and salt water)	1810	1837
Slate	1837	1860
Sand	1860	1880
Slate and shells	1880	1940
Red rock	1940	1946

(OVER)

MIDCAP HEIRS NO.....WELL (Continued).

	Top.	Bottom.
Redman	1946	1980
Slate	1946	1980
✓ Lime Like Lime	2000	2005
✓ Pencil Cave	2005	2020?
Big Lime	2020?	2100
✓ Big Injun Sand (SLM)	2100	2216
Total depth		2216