

New Location
 Drill Deeper
 Abandonment

Map Sh 104 524 W 51 FB 964 P 36-38

Company Hope Natural Gas Co
 Address Clarksburg, W.Va
 Farm Maggie Ludwig
 Tract _____ Acres 82 Lease No. 58643
 Well (Farm) No. _____ Serial No. 9471
 Elevation (Spirit Level) 728'
 Quadrangle Belleville - SE
 County Wood District Steele
 Engineer W.M. Bowers
 Engineer's Registration No. 900
 File No. _____ Drawing No. _____
 Date 8-29-50 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. W100-337

+ 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.

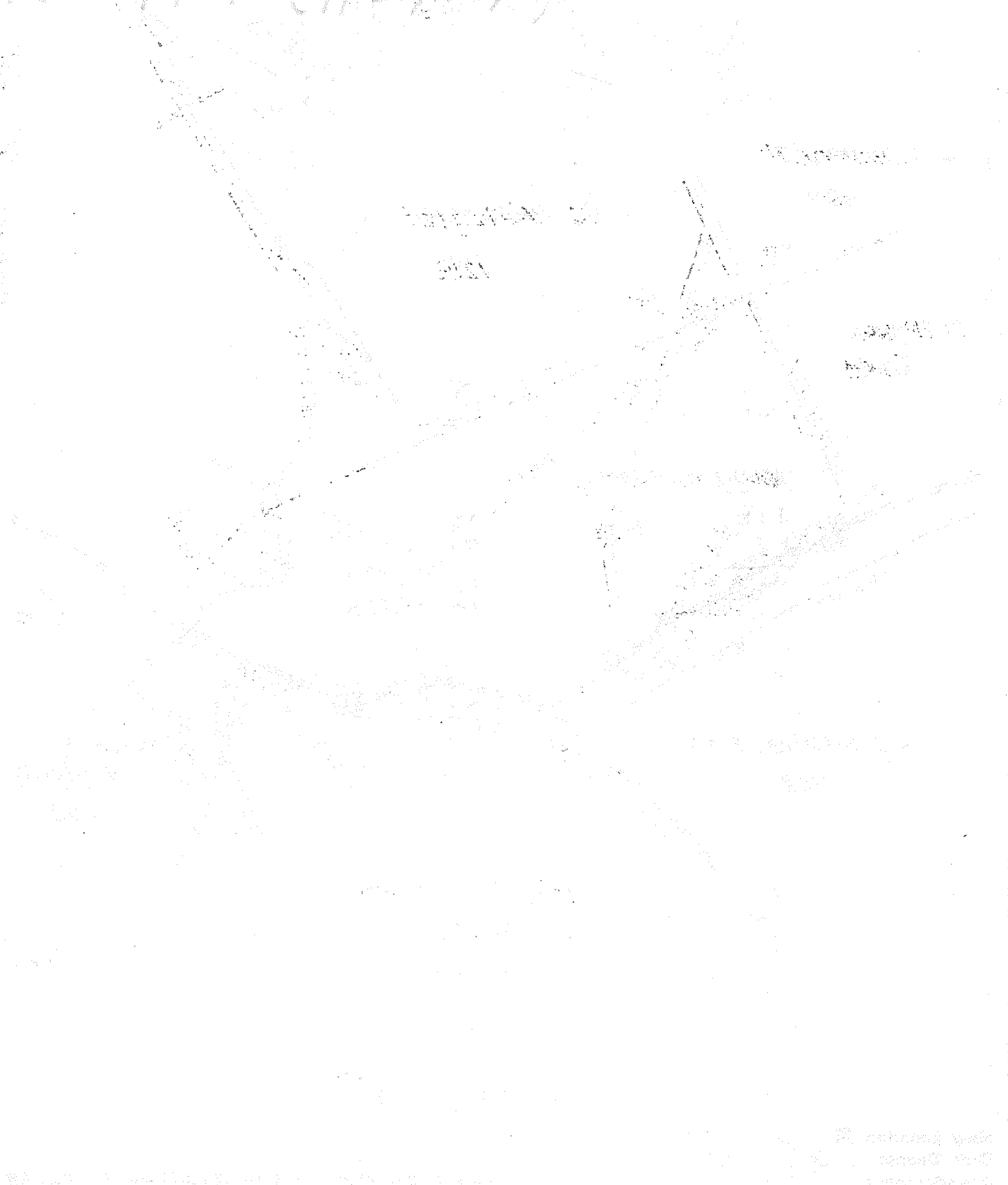
- Denotes one inch spaces on border line of original tracing.

Dry Hole

Core No. 4767-4817

Oriskany 4877-4918 (small show of gas 4902-4904)

TO 4929 (1/24/51)



The Oriskany is a thin bedded
 sandstone with a shaly parting
 at the top. It is a typical
 Oriskany sandstone.
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Beckwell

MAGGIE LUDWIG NO. 9471 WELL

Steele District, Wood County, W. Va.

By Hope Natural Gas Co., Clarksburg, W. Va.

Drilled under permit 337;

On 82 acres. Elevation 728' L.

Drilling commenced Sept. 2/50; completed Nov. 8/50

Well shot 11/9/50, from 4877 to 4949', with 500 lb. Gel.

16" casing 20' left in; 13" 621' pulled; 10", 1118' pulled; 8 1/4" 1973' left in; 6 5/8" 4777' left in.

Used Aquagel behind 13", 10" and 8" casing. 7" casing set in 15 bags cement.

Coal encountered at 585', 24"

Water 1190'; water 1675' hole full; show gas 4902-13'.

Record for RCT from Hope Natural Gas, (Jack Bailey) 5/14/60

	Top	Bottom
Surface	0	140
Line	140	190
Red rock	190	245
Sand	245	250
Slate	250	265
Line	265	270
Sand	270	390
Red rock	390	322
Sand	322	334
Red rock	334	353
Sand	353	387
Sand	387	415
Red rock	415	431
Slate	431	442
Red rock	442	475
Slate	475	480
Line	480	505
Red rock	505	525
Line, hard	525	537
Slate	537	585
✓ Coal	585	587
Slate	587	615
Sand	615	625
Slate	625	630
Line	630	672
Slate	672	683
Sand	683	694
Slate	694	711'
Red rock	711	808
Line	808	830
Slate	830	850
Line	850	872
White slate	872	884
Red rock	884	902
Slate	902	930
Line	930	945
Slate	945	1000
Slate	1000	1035
Red rock	1035	1050
✓ FIRST SALT	1050	1120
Slate	1120	1169
✓ SECOND SALT	1169	1300

	Top	Bottom
Slate	1300	1306
Broken sand	1306	1372
Slate	1372	1395
✓ THIRD SALT	1395	1490
Slate	1490	1596
Hard sand	1596	1615
Sand, soft	1615	1727
✓ BIG INJUN	1727	1912
line	1912	2020
Slate shell	2020	3875
White shale	3875	4025
Slate	4025	4440
Shale	4440	4536
Slate	4536	4550
Brown shale	4550	4757
✓ CORNIFEROUS LIME	4757	4877
✓ CRISKANY	4877	4918
TOTAL DEPTH	4918	4929

Helderberg

485

4757	4877	4918
728	728	728
4029	4149	4190