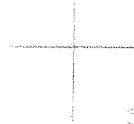


LOGAN B - D Scott McDonald (17417) → 70036

37° 55'



S 1.57

W 2.51

1
55
0
18

045-80002 → 70036

70036

DEEP WELL

Field 282

0451 - B D
Scott McDonald No. 1417 Well.

From RC Tucker 1944.
Summarized records of
Deep wells. V 16

Logan District, Logan County, W. Va.
By United Fuel Gas Company.
Log-B on map.
Elevation, 788' L.
95 M. cu. ft. gas.
Located 1.57 mi. S. of 37° 55' and 2.51 mi. W. of 81° 55'—WC—Logan
Quadrangle.
On south side of Crooked Creek.
1.66 mi. S. E. of Henlawson; 3.4 mi. N. W. of Ethel.

70036

	Top.	Bottom.	Thickness.	Elevation (top)
Big Lime -----	1510	1704	194	— 722
Big Injun Sand -----	1704	1769	65	— 916
Berea Sand -----	2217	2235	18	—1429
Corniferous Lime -----	4200	(4515)	(315)	—3412
Oriskany Sand -----	4280±		0?	—3492±?

Thickness, Devonian Shales, 1965 feet. Total depth, 4515'.
Remarks: Completed Sept. 1, 1928. Not shot.
First hole drilled to 1465', plugged and rig skidded.
Big Lime gas at 1695-99'.

Deep well.

Field: 246

Log - (B)
70036

Logan District, Logan County, W. Va.

By United Fuel Gas Co., Charleston, W. Va. (Ohio Fuel Oil Co. lease).

On south side of Crooked Creek, 1.1 mi. N. E. of Hughey.

2.0 mi. E. of 82° 00' and 4.25 mi. N. of 37° 50' - WC - Logan Quadrangle.

Completed September 1, 1928.

Gas test, 4/10 W. in 2", 94,560 cu. ft.

Abandoned without a shot.

Well was started and drilled to depth of 1465', then hole was plugged,
rig skidded, and new hole drilled.

10" casing, 354'; 8" casing, 1034'; 6" casing, 1540'.

Record published on pp.270-1, Deep-Well Records, 1936 (Vol. VII).

	Top.	Bottom.
Conductor	0	16
Sand and slate shells	16	525
Salt Sand (E1,763')	525	842
Sand and shells (E1.-5A')	842	1375
Lime (E1,587')	1375	1393
Slate cave	1393	1403
Slate shells	1403	1475
Little Lime (E1,687')	1475	1510
Big Lime (gas, 1695-1699') (E1,722')	1510	1704
Big Injun Sand (E1,916')	1704	1769
Shale and shells	1769	2217
Berea Sand (E1,429')	2217	2235
Slate and sand	2235	3280
Shale, brown	3280	3372
Shells and shale	3372	3770
Slate, white	3770	3950
Shale, brown	3950	4190
Lime, Corniferous and Heferberg, etc. (top sandy, Oriskany) (E1,3A12)	4200	4515
Total depth		4515

90036

Deep well

SCOTT McDONALD NO. 1417 WELL (20-V).

Logan District, Logan County, W. Va.; on south side of Crooked Creek, 1.1 miles northeast of Hughey; completed Sept. 1, 1928; authority, United Fuel Gas Company (Ohio Fuel Oil Co. lease); elevation,.....

	Top. Feet.	Bottom. Feet.
Pennsylvanian--Pottsville Series (842')+		
Conductor	0	16
Sand and slate shells	16	525
Sand, Salt	525	842
Mississippian--Mauch Chunk Series (668')		
Sand and shells	842	1375
Lime	1375	1393
Slate cave	1393	1403
Slate shells	1403	1475
Little Lime	1475	1510
Mississippian--Greenbrier Series (194')		
Big Lime (gas, 1695-1699')	1510	1704
Mississippian--Pocono Series (531')		
Sand, Big Injun	1704	1769
Shale and shells	1769	2217
Sand, Berea	2217	2235
Devonian--Chemung and Portage Series (1045')		
Slate and sand	2235	3280
Devonian--Genesee Series (92')		
Shale, brown, Childress Sand	3280	3372
Devonian--Hamilton Series (578')		
Shells and shale	3372	3770
Slate, white	3770	3950
Devonian--Marcellus Series (200')		
Shale, brown	3950	4190
Devonian--Oriskany and Helderberg Series (315'+)		
Lime, Helderberg (reported sandy, probably the Oriskany Sand at top was not noticed, D.B.R.)	4200	4515
Total depth		4515

Gas test, 4/10 W. in 2" = 94,560 cu. ft.
 Abandoned without a shot.

Well was started and drilled to depth of 1465, then hole was plugged, rig skidded and new hole drilled.

10" casing, 354'; 8 1/4" casing, 1034'; 6-5/8" casing, 1540'.