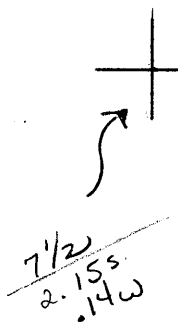
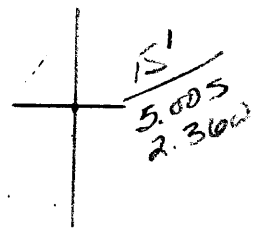


LATITUDE $38^{\circ} 37' 30''$
 $38^{\circ} 40' (15')$

LONGITUDE $81^{\circ} 02' 30''$
 $81^{\circ} 00' 18''$



7 1/2 minute
Location from
1929 Equitable Resources
Farm property maps J-25.

15 minute
Location from
1917 County Report p. 350
Map II - well # 111 on map

7'5 OGIS topo location

7.5' loc	<u>2.155</u>	15' loc	_____
	<u>.14w</u>	(calc.)	_____

Sck 3/1/91

Company Bish & Dyer
 Farm JM Boss 1

Quad Otter 15' / Snydale 7 1/2
 County Clay
 District Otter

WELL LOCATION MAP

File No. 015-70002

Gas

Otter District, Clay County, W. Va.
 Drilled by Bishn & Dyer, Clarksburg, W. Va.
 One mile south of Big Otter P. O., at the forks of Big Otter Creek.
 Drilled in April, 1911.
 Elevation, 852' L.
 Owner: Big Otter Oil & Gas Co.
 10" casing, 40'; 8 $\frac{1}{2}$ ", 580'; 6-5/8", 1630'.

	Top.	Bottom.	Thickness.
Slate	34	- 120	86
Sand)	120	- 150	30
Slate) Upper Freeport Sandstone	150	- 160	10
Sand)	160	- 195	35
Slate	195	- 205	10
Sand	205	- 210	5
Slate	210	- 268	58
Sand, Upper East Lynn	268	- 368	100
Slate	368	- 372	4
Coal, No. 5 Block	372	- 374	2
Slate	374	- 378	4
Sand, Homewood	378	- 460	82
Coal, Stockton	460	- 461	1
Slate	461	- 514	53
Sand	514	- 530	16
Slate	530	- 610	80
Sand	610	- 626	16
Slate	626	- 632	6
Lime	632	- 660	28
Slate	660	- 690	30
Lime shells	690	- 860	170
Sand	860	- 890	30
Lime	890	- 960	70
Sand	960	- 1036	76
Slate	1036	- 1132	96
Sand	1132	- 1206	74
Lime	1206	- 1235	29
Sand	1235	- 1295	60
Slate	1295	- 1303	8
Lime	1303	- 1330	27
Sand, Salt (oil sand, 1385-1395')	1330	- 1484	154
Lime (black oil showing at 1385')	1484	- 1495	11
Red shale	1495	- 1515	20
Lime	1515	- 1525	10
Sand, Maxton	1525	- 1555	30
Lime (Maxton)	1555	- 1609	54
Slate	1609	- 1614	5
Sand	1614	- 1619	5
Pencil Cave	1619	- 1634	15
Big Lime (amber oil showing, 1702')	1634	- 1760	126
Big Injun Sand, black	1760	- 1770	10
Big Injun Sand, white (small gas, 1780')	1770	- 1792	22
Lime	1792	- 1825	33
Slate and shells, to bottom	1825	- 2456	631