

LATITUDE 39° 15' 00"

LONGITUDE 80° 52' 08"



1.562  
0.760

7'5 OGIS topo location

7.5' loc \_\_\_\_\_ 15' loc \_\_\_\_\_  
\_\_\_\_\_ (calc.) \_\_\_\_\_

Company Mackey Transfer Co.

Farm W.B Maxwell # 4029

Quad West Milford 7 1/2

County Harrison

District Union

WELL LOCATION MAP

File No. 033 - 30230

230A

Union District, Harrison County, W. Va.  
 By Mackey Transfer Co., Marietta, Ohio.  
 On 378 acres, surface and mineral rights owned by W. B. Maxwell,  
 W. B. Maxwell, Jr., Clarksburg, W. Va.  
 Elevation, 1206' L.  
 10" casing, 162'; 8" (reclaimed); 6-5/8", 1419'; 5-3/16", 2330'.  
 Coal was encountered at 285-289' and 390-400'.  
 Abandonment reported to Dept. of Mines March 6, 1935.  
 Salt water at 980'.  
 Gas well. (Phila.Co.well?)

	Top.	Bottom.	Thickness.
Coal	285	289	4
Lime	289	300	11
Coal	390	400	10
Slate	400	495	5
Big Dunkard Sand	495	528	33
Slate	528	535	7
Lime	535	590	55
Slate	590	605	15
Lime	605	650	45
Sand	650	710	60
Slate	710	725	15
Lime	725	740	15
Slate	740	775	35
1st Salt Sand	775	800	25
Slate	800	808	8
2nd Salt Sand	808	870	62
Slate	870	875	5
3rd Salt Sand	875	895	20
Slate	895	910	15
Sand (water, 980')	910	992	82
Slate	992	1000	8
Lime	1000	1010	10
Slate and shells	1010	1120	110
Lime	1120	1140	20
Sand	1140	1220	80
Slate and shells	1220	1250	30
Red rock	1250	1255	5
Slate	1225	1270	45
Sand	1270	1288	18
Red rock	1288	1308	20
Lime	1308	1320	12
Slate and shells	1320	1345	25
Lime	1345	1350	5
Slate	1350	1354	4
Lime	1354	1365	11
Slate	1365	1380	15
Big Lime	1380	1450	70
Big Injun Sand (gas, 1455')	1450	1550	100
Slate and shells	1550	1575	25
Squaw Sand	1575	1596	21
Slate and shells	1596	1770	174
Gantz Sand	1770	1780	10
Slate and shells	1780	1812	32
Sand	1812	1830	18
Slate and shells	1830	1875	45

(OVER)

W. B. MAXWELL NO. 4029 WELL (Continued).

	Top.	Bottom.	Thickness.
50-Ft. Sand	1880	1912	32
Slate	1912	1920	8
Sand	1920	1948	28
Slate	1948	1975	27
Nineveh 30-Ft. Sand (gas, 1980 and 1988?)	1977	2000	23
DRILLED DEEPER			
Slate	2000	2035	35
Sand	2035	2045	10
Red rock	2045	2050	5
Slate and sand	2050	2135	85
Gordon Stray Sand	2135	2140	5
Slate	2140	2150	10
Gordon Sand	2150	2177	27
Red rock	2177	2182	5
Slate	2182	2225	43
4th Sand	2225	2230	5
Slate	2230	2306	76
5th Sand	2306	2315	9
Total depth		2324	
NOTE: DRILLERS LOG LOST			
Speechley Sand (gas, 2595 and 2596?)	2994	3000	6
	2995?	2996?	
Total depth		3015	



HAR-230-A

ENGINEER'S CERTIFICATE

SCALE - 1" = 2000'  
 = DETAIL - 1" = 500'

I, The Undersigned, HEREBY CERTIFY THAT THIS MAP IS CORRECT AND SHOWS ALL THE INFORMATION TO THE BEST OF MY KNOWLEDGE AND BELIEF, REQUIRED BY THE OIL AND GAS SECTION OF THE MINING LAWS OF THE STATE OF WEST VIRGINIA.

ACKNOWLEDGED BEFORE ME, A NOTARY PUBLIC, THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 19\_\_

BY \_\_\_\_\_