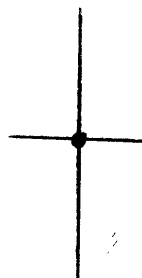


LATITUDE

39°20'

80°07'30"

LONGITUDE



7 1/2
 1.585
 1.030

7'5 OGIS topo location

F-31935 on CNG

dry hole

7.5' loc _____

15' loc 1.585
(calc.) 3.26W

Company

Keeco

(Keeco goes w/ 091 241 -
and well on this lease
4/6 7/8/97

Farm

R.W. Coplin

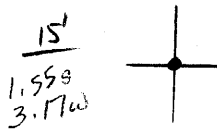
Quad Rosemont 7 1/2 Fairmont SE

County Taylor

District Flemington

WELL LOCATION MAP

File No. 091-70671



(15) 50 08

LONGITUDE

WEST VIRGINIA GEOLOGICAL SURVEY. 631

encountered. The following records from wells therein give much data of interest:

Dan Copeland No. 1 Well Record (709).

Flemington district, 1.1 miles S E of Meadland. Authority, John T. McGraw. Completed about 1906.

(Elevation, 1372' B.A. T.)	Thickness. Total.	
	Feet.	Feet.
Unrecorded	540	540
Coal, (Lower Freeport).....	4	544
Unrecorded	56	600
Gas sand.....	70	670
Coal, (Lower Kittanning).....	10	680
Unrecorded	30	710
Sand, (II Cow Run).....	20	730
Unrecorded	45	775
Salt sand (water).....	175	950
Unrecorded	415	1365
Big Lime.....	80	1445
Big Injun sand (gas).....	80	1525
Slate and shells.....	235	1760
Grit (Berea).....	30	1790
Slate and shells.....	90	1880
Fifty-foot sand.....	85	1965
Slate and shells.....	135	2100
Red rock and shells.....	200	2300
Sand, (Fifth).....	65	2365
Slate and shells.....	35	2400
Bayard sand.....	20	2420
Unrecorded	30	2450
Slate to bottom.....	99	2549

"Pulled casing, but got enough gas to run a family at present, estimated at 10,000 to 15,000 cu. ft. daily from Big Injun."

The above well starts 97' by hand-level below the Pittsburgh coal, according to Reger.

7.5 OGIS topo location

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

#709 on 1913 Co. Rept map

Company McGraw

Farm Dan Copeland #1 Coplin?

Elev. 1372 TD 2549 -
(Big Inj. Gas)

Quad Rosemead 75

County Taylor

District Flemington

WELL LOCATION MAP

File No. 091-70031

row 091 70071