Thirty-eight additional concepts were curated by our NSCLC domain expert pathologist and included in our information extraction pipeline’s dictionary:

- emphysematous change
- emphysematous type changes
- Separate Tumor Nodule(s): No
- Separate Tumor Nodule(s): Not identified
- Separate Tumor Nodule(s): None
- Separate Tumor Nodule(s): Yes
- separate tumor nodule (s): present
- visceral pleural invasion: present
- due to visceral pleura
- Visceral Pleura Invasion: Identified
- invades the visceral pleura
- Visceral pleural invasion: Not identified
- Visceral Pleura Invasion: Negative
- Visceral Pleura Invasion: Not present
- Visceral Pleura Invasion: Absent
- Visceral pleura negative for malignancy
- visceral pleural invasion: no
- tumor location: peripheral
- low grade
1 well differentiated
2 intermediate grade
3 high grade
4 pleural puckering
5 adenocarcinoma-in-situ
6 micropapillary
7 lepidic
8 solid
9 mucinous
10 cribriform
11 clear cell change
12 clear cell features
13 large cell type
14 large cell variant
15 angiolympathic invasion: present
16 angiolympathic invasion: identified
17 angiolympathic invasion: absent
18 angiolympathic invasion: not identified
19 dysplasia: present