

| FROM: | TO:   | FEET: | FORMATION:          | FROM: | TO:   | FEET: | FORMATION:         |
|-------|-------|-------|---------------------|-------|-------|-------|--------------------|
| 9375  | 9409  | 34    | Lime & shale        | 11304 | 11402 | 98    | Lime & chert       |
| 9409  | 9455  | 46    | Lime                | 11402 | 11469 | 67    | Lime               |
| 9455  | 9471  | 16    | Shale               | 11469 | 11531 | 62    | Shale              |
| 9471  | 9488  | 17    | Lime & shale        | 11531 | 11548 | 17    | Lime & shale       |
| 9488  | 9521  | 33    | Lime & chert        | 11548 | 11579 | 30    | Shale              |
| 9521  | 9707  | 186   | Lime                | 11578 | 11617 | 39    | Shale & lime       |
| 9707  | 9761  | 54    | Lime & shale        | 11617 | 11689 | 72    | Lime & dolomite    |
| 9761  | 9788  | 27    | Lime                | 11689 | 11734 | 45    | Lime               |
| 9788  | 9791  | 3     | Lime & shale        | 11734 | 11735 | 1     | Dolomite           |
| 9791  | 9812  | 21    | Lime                | 11735 | 12160 | 425   | Lime               |
| 9812  | 9835  | 23    | Lime & shale        | 12160 | 12177 | 17    | Lime & dolomite    |
| 9835  | 9863  | 28    | Lime, shale & chert | 12177 | 12232 | 55    | Lime               |
| 9863  | 9915  | 52    | Lime                | 12232 | 12247 | 15    | Lime & dolomite    |
| 9915  | 9940  | 25    | Lime & shale        | 12247 | 12322 | 75    | Lime               |
| 9940  | 9956  | 16    | Lime                | 12322 | 12338 | 16    | Lime & dolomite    |
| 9956  | 9969  | 13    | Lime & shale        | 12338 | 12561 | 223   | Lime               |
| 9969  | 9990  | 21    | Lime, shale & chert | 12561 | 12571 | 10    | Lime & chert       |
| 9990  | 10007 | 17    | Shale               | 12571 | 12722 | 151   | Lime               |
| 10007 | 10029 | 22    | Lime, shale & chert | 12722 | 12927 | 205   | Lime & chert       |
| 10029 | 10128 | 99    | Lime & shale        | 12927 | 13183 | 256   | Lime               |
| 10128 | 10172 | 44    | Lime & chert        | 13183 | 13264 | 81    | Lime & chert       |
| 10172 | 10188 | 16    | Lime & shale        | 13264 | 13287 | 23    | Lime, chert & sand |
| 10188 | 10235 | 47    | Lime & chert        | 13287 | 13388 | 101   | Lime & chert       |
| 10235 | 10240 | 5     | Lime                | 13388 | 13402 | 14    | Lime               |
| 10240 | 10258 | 18    | Lime, shale & chert | 13402 | 13422 | 20    | Lime & chert       |
| 10258 | 10338 | 80    | Lime & chert        | 13422 | 13469 | 47    | Lime               |
| 10338 | 10379 | 41    | Lime, chert & shale | 13469 | 13475 | 6     | Lime & shale       |
| 10379 | 10527 | 148   | Lime & shale        | 13475 | 13523 | 48    | Lime               |
| 10527 | 10539 | 12    | Lime, sand & shale  | 13523 | 13526 | 3     | Lime & shale       |
| 10539 | 10569 | 30    | Lime & sand         | 13526 | 13658 | 132   | Lime               |
| 10569 | 10588 | 19    | Lime & shale        | 13658 | 13729 | 71    | Shale & sand       |
| 10588 | 10654 | 66    | Lime & sand         | 13729 | 13765 | 36    | Shale, lime & sand |
| 10654 | 10682 | 28    | Lime & shale        | 13765 | 13808 | 43    | Sand & shale       |
| 10682 | 10692 | 10    | Sand & shale        | 13808 | 13843 | 35    | Lime & shale       |
| 10692 | 10707 | 15    | Shale               | 13843 | 13849 | 6     | Sand               |
| 10707 | 10862 | 155   | Lime & shale        | 13849 | 13919 | 70    | Sand & chert       |
| 10862 | 10865 | 3     | Lime, shale & chert |       |       |       |                    |
| 10865 | 11280 | 415   | Lime & chert        |       | 13919 |       | TOTAL DEPTH        |
| 11280 | 11284 | 4     | Shale               |       |       |       |                    |
| 11284 | 11304 | 20    | Lime, chert & shale | 13919 | 13828 | 91    | P.B.T.D.           |

#### PERFORATIONS AND ACIDIZING:

##### PERFORATIONS: MCKEE:

| FROM:  | TO:    | SHOTS: |
|--------|--------|--------|
| 13620' | 13625' | 10     |
| 13630' | 13644' | 28     |
| 13648' | 13665' | 34     |
| 13672' | 13676' | 8      |
| 13694' | 13714' | 40     |
| 13727' | 13732' | 10     |
| 13738' | 13748' | 20     |
| 13752' | 13756' | 8      |
| 13769' | 13777' | 16     |
| 13801' | 13811' | 40     |
| 13814' | 13823' | 18     |

##### ACIDIZING: MCKEE:

##### GALLONS AND KIND:

500 gals. Mud Acid  
1000 gals. Devn. Oil w/ 20 gals. Dowell Mud Ban Mixed  
2580 gals. Devn. Oil w/ 2% Dowell Mud Ban Mixed  
2400 gals. Dowell XW-24 M-38 Acid

##### PERFORATIONS: DEVONIAN:

| FROM:  | TO:    | SHOTS: |
|--------|--------|--------|
| 11680' | 11730' | 200    |

##### ACIDIZING: DEVONIAN:

##### GALLONS AND KIND:

500 gals. Dowell Mud Acid