

- 1/30/59 Penetrated 45' past 24 hours. T.D. 11,804'. 50% lime, 50% shale. Index fossils recovered between 11,340' and 11,760' will be analyzed today.
- 1/31/59 T.D. 11,866' in lime and shale. }
2/1/59 T.D. 11,937' in lime and shale. } All circuits to Hobbs down and
2/2/59 T.D. 11,986' in lime and shale. } have no direct connection to the
2/3/59 T.D. 12,030' in lime and shale. } rig. This information came from
Great Western Drilling Company.
- 2/4/59 T.D. 12,084' in 100% lime, light tan. No shows. 4° off at 12,030'.
- 2/5/59 T.D. 12,148' in lime and gray shale.
- 2/6/59 Penetrated 73' past 24 hours. T.D. 12,221' in light gray limestone. 2° at 12,180'.
- 2/8/59 T.D. 12,294'.
- 2/9/59 T.D. 12,360'. 10% chert, 60% lime and 30% shale. 3° at 12,338'. No shows.
- 2/10/59 Penetrated 36' past 24 hours. T.D. 12,396'. 40% lime, 40% shale and 20% chert. 3° off at 12,388'. Made two trips yesterday with the one bit making only 28'. No shows.
- 2/11/59 Penetrated 80' past 24 hours. T.D. 12,476'. 80% lime, 20% chert. At 12,466' had to go back in hole with different bit.
- 2/12/59 Penetrated 51' past 24 hours. T.D. 12,527'. Making trip. 50% gray and black shale, 50% gray and brown limestone. Bugs being checked at Paleo Laboratory to 12,480'.
- 2/13/59 Penetrated 55' in the past 24 hours. T.D. 12,582'. 70% gray, black dense shale, 30% tan lime. 3 1/2° off at 12,570'. Paleo Laboratory reports bugs at 12,460' in the Lower Atoka. At the present depth drilling at rate of 12 to 14 minutes per foot.
- 2/14/59 T.D. 12,638' in lime, shale and chert.
- 2/15/59 T.D. 12,671' in lime, shale and chert.
- 2/16/59 T.D. 12,732' in lime and shale. Index fossils down to 12,460' indicate well in Atoka series of Pennsylvanian. Consistency of formations from that point to present total depth would indicate well still in Atoka though this has not been confirmed by Paleo.
- 2/17/59 Penetrated 49' past 24 hours. T.D. 12,781' in sandy lime and shale. Preparing to run logs. Index fossils down to 12,750' indicate well in Atoka series of Pennsylvanian.
- 2/18/59 T.D. 12,781'. Completed running logs and dipmeter survey. Going back into hole with drill pipe and bit to condition hole.