

Superior 19 State #1
1980' FNL & 660' FEL
Section 19, T-14S, R-36E
Lea County, New Mexico
Lease No. LG-3334

Harvey E. Yates Co.
P. O. Box 1933
Roswell, NM 88201

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- 8/30/80 Depth-10,897' on TIH. Formation-shale; 28' of progress. Directional Survey: $4\frac{1}{4}^{\circ}$ from vertical; N 60° @ 10,858'.
- 8/31/80 Depth-10,975' on trip out w/plugged bit. Formation lime and shale; 78' of progress. Directional Survey: $3\frac{3}{4}^{\circ}$ from vertical; N 50° E @ 10,945'.
- 9/01/80 Drlg @ 11,045'. Formation-shale; 70' of progress. Directional Survey: $3\frac{1}{4}^{\circ}$ from vertical; N 45° E @ 11,008'.
- 9/02/80 Drlg @ 11,171'. Formation - lime and shale; 126' of progress. Directional Survey: 3° from vertical; N 42° E @ 11,070'.
- 9/03/80 Drlg @ 11,308'. Formation-lime and shale; 137' of progress. Directional Survey: $2\frac{3}{4}^{\circ}$ from vertical; N 44° E @ 11,163'.
- 9/04/80 Drlg @ 11,385'. Formation lime and shale; 77' of progress.
- 9/05/80 Drlg @ 11,558'. Formation-lime and shale; 173' of progress. Directional Survey: $2\frac{3}{4}^{\circ}$ from vertical; N 32° E @ 11,402'.
- 9/06/80 Depth-11,610' on trip in w/magnet. Formation-lime and shale; 52' of progress. Directional Survey: $2\frac{3}{4}^{\circ}$ from vertical ; N 30° E @ 11,580'.
- 9/07/80 Depth-11,658'. Formation-lime and shale; 48' of progress.
- 9/08/80 Drlg @ 11,740'. Formation-lime and shale; 82' of progress.
- 9/09/80 Drlg @ 11,848'. Formation-lime and shale; 108' of progress.
- 9/10/80 Drlg @ 12,035'. Formation-lime and shale; 187' of progress. Directional Survey: 3° from vertical; N 40° E @ 11,808'.
- 9/11/80 Drlg @ 12,203'. Formation-lime and shale: 168' of progress. Totco: $2\frac{1}{2}^{\circ}$ @ 11,996'.
- 9/12/80 Drlg @ 12,277'. Formation-lime and shale; 74' of progress. Directional Survey: 2° from vertical; N 57° E @ 12,212'.
- 9/13/80 Depth-12,388'. Formation lime and shale; 111' of progress.
- 9/14/80 Depth-12,505'. Formation-lime and shale: 117' of progress. Directional Survey: 2° from vertical; N 53° E @ 12,361'.
- 9/15/80 Depth-12,618. Formation-lime and shale; 113' of progress. Totco: 2 @ 12,481'.