

LEASE NO: LC 031670B
LEASE NAME & WELL NO: WARREN UNIT #114
API NO: 30-025-32491
COUNTY & STATE: LEA, NM

LINE 31: PERFORATION RECORD (INTERVAL, SIZE & NUMBER)
PERF DRINKARD W/1 JSPF AT: 6707, 6716-6744, 6747, 6754-6804.

PERF TUBB W/1 JSPF AT: 6340-52, 6395-6494, 6508-16, 6532, 6536, 6547-50, 6553-65, 6568-74, 6577-86, 6605-13. TOTAL 167 HOLES.

PERF BLINEBRY 3-5 W/1 JSPF AT: 5998-6000, 6003-10, 6013-18, 6021-32, 6035-46, 6053-57, 6060-62, 6076-78, 6094-6104, 6132-39, 6141, 6201-03, 6205-07, 6216-18, 6221-23, 6231-33, 6240.

PERF BLINEBRY 1-2 W/1 JSPF AT: 5793-98, 5803-06, 5811-19, 5822-30, 5843-46, 5850-66, 5874-82, 5919-21, 5929-54.

LINE 32: ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND OF MATERIAL USED
6707 - 6804	ACID W/8100 GAL 15% NEFE HCL & 16,000 GAL 41 LINKED 15% NEFE HCL W/40 B.S. @ 15 BPM. FRAC W/75,000# 16/30 OTTAWA SAND & 12,000 GAL SPECTRA G-3500.
6340 - 6613	ACID W/4200 GAL 15% NEFE. FRAC W/15,000 GAL SPECTRA 3500. THEN W/81,000 GAL SPECTRA G-3500 RAMPING 176,400# 16/30 OTTAWA 1# TO 10#.
5998 - 6240	ACID W/3100 GAL 15% NEFE HCL. FRAC W/15,000 GAL SPECTRA G-3500, W/RAM @ 50 BPM
5798 - 5954	ACID W/2200 GAL A5% NEFE HCL. FRAC W/57,000 GAL SPECTRA G-3500 W/144,000# 16/30 OTTAWA SAND & 61,000# 16/30 PCS @ 35-50 BPM.

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