

ATTACHMENT TO FORM 3160-4

LEASE NO: LC 30467B
WELL NAME & NO: VAUGHN B-1 WELL #9
API NO: 30-025-27142
COUNTY & STATE: LEA, NM.

LINE 31: PERFORATION RECORD (INTERVAL, SIZE & NUMBER)

PERF JALMAT W/ 1 JSPF @2892, 2897, 2901, 2905, 2911, 2917, 2925, 2929, 2933, 2937, 2941, 2946, 2951, 2955, 2971, 2975, 2979, 2998, 3002, 3004, 3007, 3012, 3020, 3026, 3029, 3040, 3048, 3056, 3072, 3075, 3084, 3087, 3092, 3095, 3098, 3101, 3104, 3144, 3149, 3152, 3155, 3160, 3212 FOR A TOTAL OF 43 HOLES

LINE 32: ACID, SHOT, FRACTURE, COMENT SQUEEZE, ETC.)

DEPTH INTERVAL	AMOUNT & KIND OF MATERIAL USED
2892 - 3212	SPEARHEAD 1500g 15% NEFE HCL. FRAC W/ 471 bbl 70 QUALITY CO2 FOAM PAD FOLLOWED W/ 990 bbl 60 TO 55 QUALITY COW FOAM, RAMPING 370,960# 12/20 BRADY SAND. FLUSH W/ 48 bbl FOAM.
3360'	CIBP SET @ 3360' ABOVE THE LANGLIE MATTIX ZONE.
5500'	CIBP SET W/ 25' CMT ON TOP, TAG TOC @ 5470'.
3465'	CIBP SET W/ 25' CMT ON TOP.