BASIN OPERATING COMPANY

HUDSON FEDERAL "31" #2 SECTION 31 T18S - R33E LEA COUNTY, NEW MEXICO

WELL BORE DIAGRAM PLUG & ABANDONMENT

EXISTING WELLBORE	PROPOSED PLUGGING PROCEDURE
13 3/8" H-40, 48# CASING SET @ 400' & CIRCULATED TO SURFACE	LEVEL PITS & RIP/SEED ROAD & LOCATION CUT OFF WELLHEAD & INSTALL DH MARKER SET 10°C° CEMENT PLUG @ SURFACE SET 10 SK. "C' CEMENT PLUG FROM 450' -350'
TOP OF CEMENT BEHIND 5 1/2' CASING @ 2.43	01
9 5/8" J-55, 40# CASING SET @ 3,593" & CEMENTED TO SURFACE	SET 10 SK. "C" CEMENT PLUG FROM 3,643 -3,543
QUEEN PERFS 4,134-36' - 4,142'-44' COMPLETED PLUGGING OPERATIONS	SET CIBP @ 4,100' + 35' "H" PLUG ON TOP CIBP SET 35 FT. CEMENT "H" CEMENT PLUG @ 5940 W/ BAILER COMPLETED PLUGGING OPERATIONS
DELAWARE PERFS. 5994'-5999' ACIDIZED & FRACED	CIBP SET @ 5,940' CIBP SET @ 8,600'
BSS PERFS 8660'-8670' & 7426'-7432' ACIDIZED & FRACED	SQUEEZE HOLES PERFED @ 8,932' & 8,705' COULD NOT BREAK DOWN PERFS - SPOTTED 220' "H" CEMENT PLUG OVER SQUEEZE PERFS - BOTTOM OF PLUG @ 8,725' CIBP SET @ 9,800'
BSC PERFS 9,826' TO 10,067' ACIDIZED	
5 1/2" 17# N-80 SET @ 10,200' - CEMENT TOP @ 2430"	
CLASS "H" PLUG - 75 SKS 10,964' - 11,089'	
CLASS "H" PLUG - 75 SKS 13,058' - 13,183' TD 8 3/4" O.H. TO 13,606'	