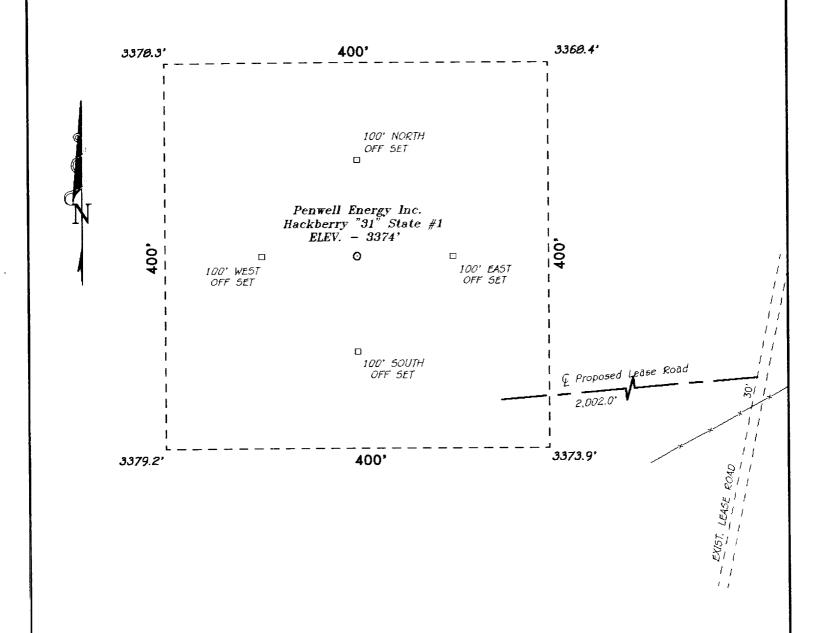
SECTION 31, TOWNSHIP 22 SOUTH, RANGE 26 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO.

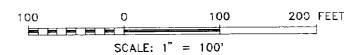


DIRECTIONS

FROM JCT US 62-180 & COUNTY RD. 672 (HIDALGO RD.) IN CARLSBAD, N.M. GO WEST/SOUTHWEST ON COUNTY RD. 672 5.3 MILES TO A LEASE ROAD, GO WESTERLY ON LEASE ROAD 0.4 MILES TO A 92° RIGHT, GO NORTH ON LEASE ROAD 0.2 MILES TO A "Y" TAKE LEFT FORK OF "Y" 0.4 MILES TO A STAKED ROAD 30' NORTH OF A FENCE CROSSING. FOLLOW STAKED ROAD WEST 2002' TO THE SOUTHEAST CORNER OF PAD OF LOCATION.

BASIN SURVEYS P.O. BOX 1786-HOBBS, NEW MEXICO

W.O. Number: 7051		Drawn	Ву:	S.C. NICHOLS
Date: 02-05-97	Disk: S	CN #34	-	7051AA.DWG



Penwell Energy Inc.

REF: Hackberry "31" State No. 1 / Well Pad Topo

THE HACKBERRY "31" STATE No. 1 LOCATED 1980' FROM THE NORTH LINE AND 660' FROM THE EAST LINE OF SECTION 31, TOWNSHIP 22 SOUTH, RANGE 26 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO.

Survey Date: 02-04-97 Sheet 1 of 1 Sheets