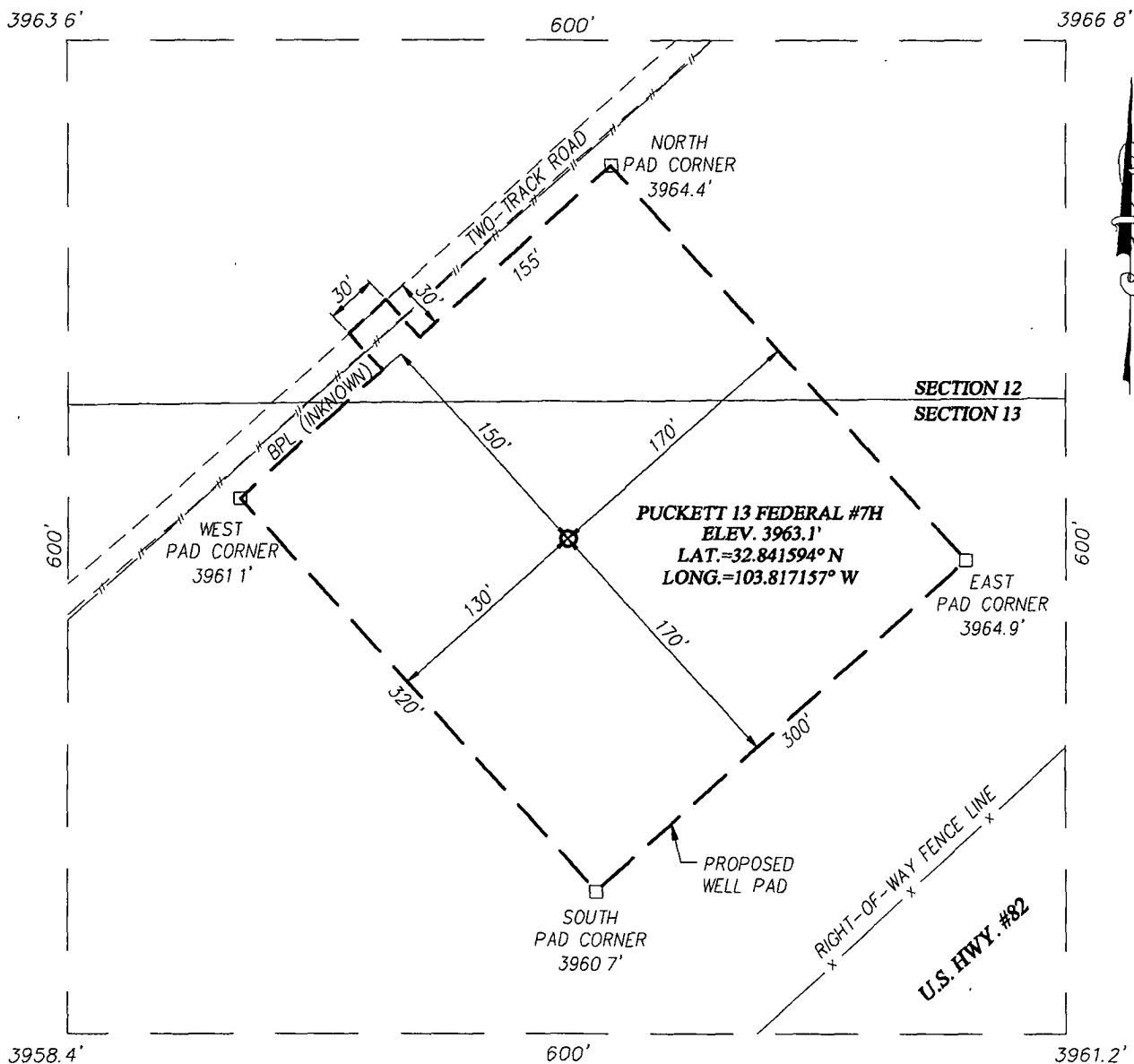
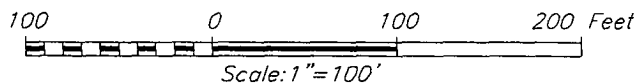


SECTION 13, TOWNSHIP 17 SOUTH, RANGE 31 EAST, N.M.P.M.
 EDDY COUNTY NEW MEXICO



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF U.S. HWY #82 AND CO. RD. #224 (RIPPLE RD.), GO NORTHEAST ON U.S. HWY #82 APPROX. 0.6 MILES. TURN LEFT AND GO NORTHWEST ON TWO-TRACK ROAD APPROX. 0.1 MILES. TURN RIGHT AND GO NORTHEAST APPROX. 0.2 MILES. THIS LOCATION STAKE IS APPROX. 220 FEET SOUTH OF TWO-TRACK ROAD



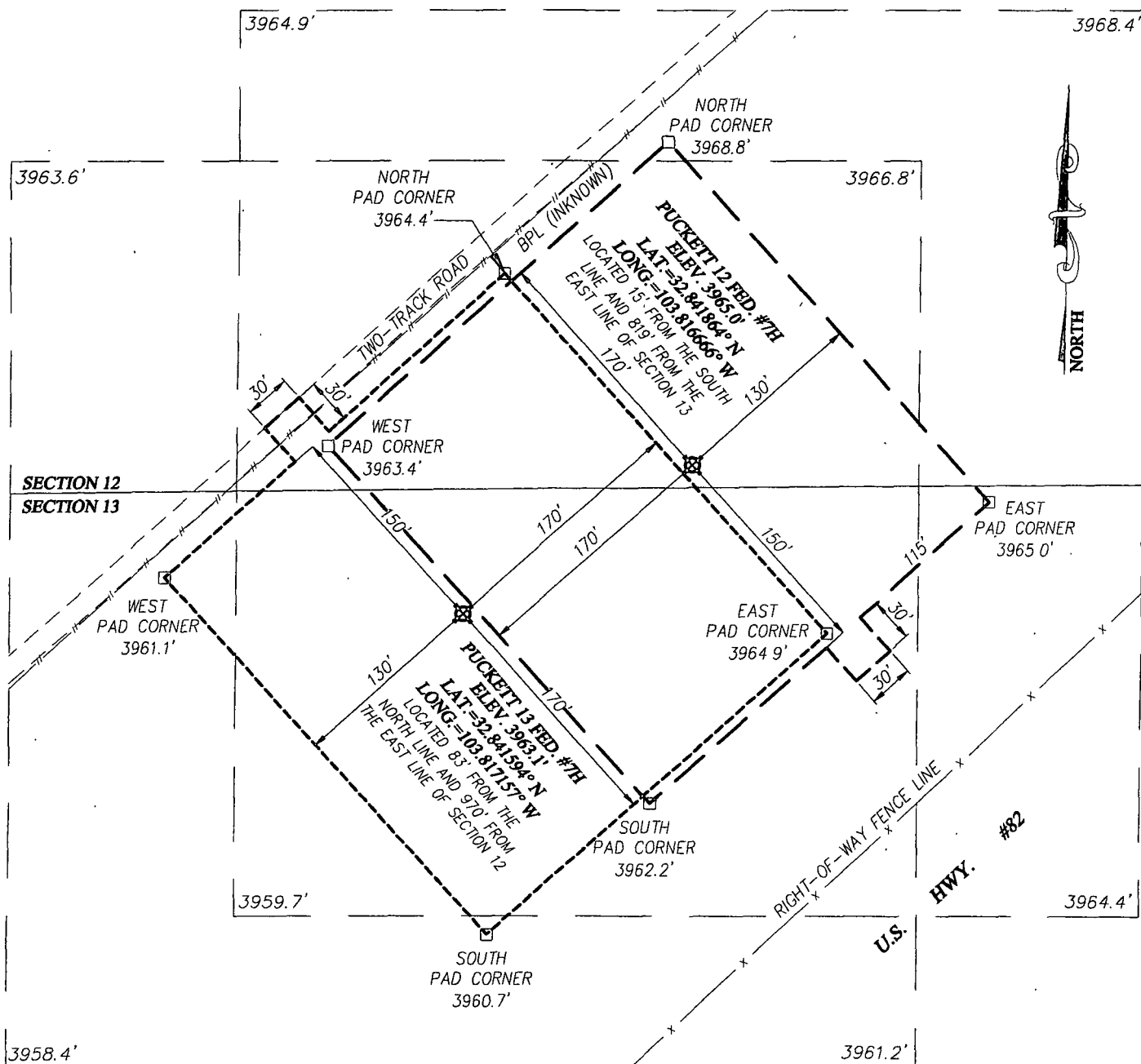
PROVIDING SURVEYING SERVICES
 SINCE 1946
JOHN WEST SURVEYING COMPANY
 412 N DAL PASO
 HOBBS, N.M. 88240
 (575) 393-3117

COG OPERATING, LLC

PUCKETT 13 FEDERAL #7H WELL
 LOCATED 83 FEET FROM THE NORTH LINE
 AND 970 FEET FROM THE EAST LINE OF SECTION 13,
 TOWNSHIP 17 SOUTH, RANGE 31 EAST, N.M.P.M.,
 EDDY COUNTY, NEW MEXICO

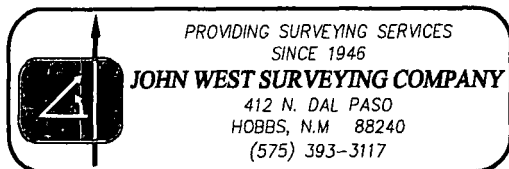
Survey Date: 6/28/11	Sheet 1 of 1 Sheets
W.O. Number: 11.11.1164	Dr By: DSS
Date: 7/5/11	11111164
	Scale: 1"=100'

SECTIONS 12 & 13, TOWNSHIP 17 SOUTH, RANGE 31 EAST, N.M.P.M.
 EDDY COUNTY NEW MEXICO



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF U.S. HWY. #82 AND CO. RD. #224 (RIPPLE RD.), GO NORTHEAST ON U.S. HWY. #82 APPROX. 0.6 MILES. TURN LEFT AND GO NORTHWEST ON TWO-TRACK RD. 0.1 MILES. TURN RIGHT AND GO NORTHEAST APPROX. 0.2 MILES. THESE LOCATION STAKES ARE APPROX. 200-220 FEET SOUTHEAST OF TWO-TRACK RD.

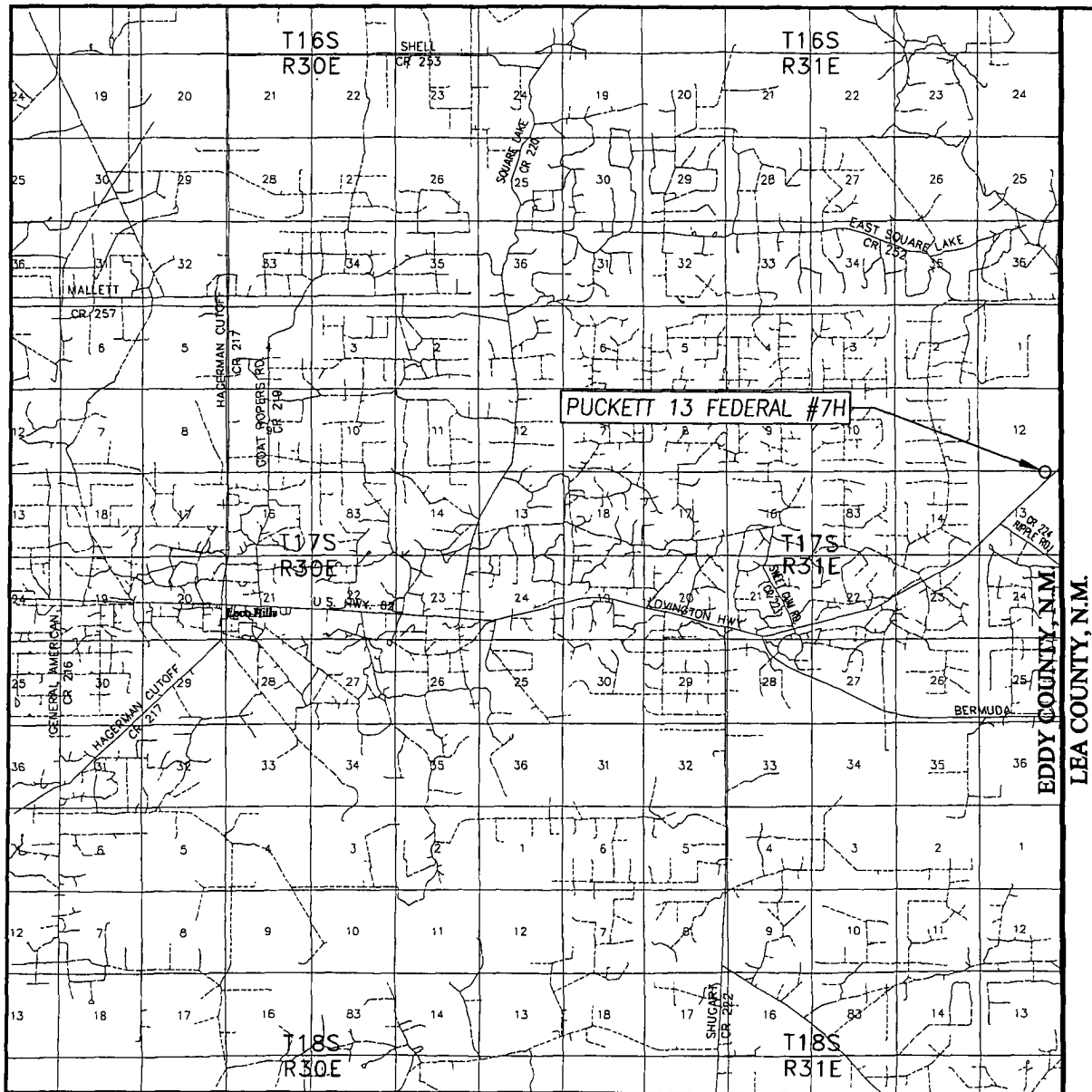


COG OPERATING, LLC

PUCKETT 12 FEDERAL #7H & PUCKETT 13 FEDERAL #7H WELLS
 LOCATED IN THE SOUTHEAST QUARTER OF SECTION 12
 AND THE NORTHEAST QUARTER OF SECTION 13
 TOWNSHIP 17 SOUTH, RANGE 31 EAST, N.M.P.M.,
 EDDY COUNTY, NEW MEXICO

Survey Date: 6/28/11	Sheet 1 of 1 Sheets
W.O. Number: 11.13.1809	Dr By: DSS
Date: 8/17/11	Rel: 1111159 & 1111164
11131809	Scale: 1"=100'

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 13 TWP. 17-S RGE. 31-E

SURVEY N.M.P.M.

COUNTY EDDY STATE NEW MEXICO

DESCRIPTION 83' FNL & 970' FEL

ELEVATION 3963'

OPERATOR COG OPERATING, LLC

LEASE PUCKETT 13 FEDERAL

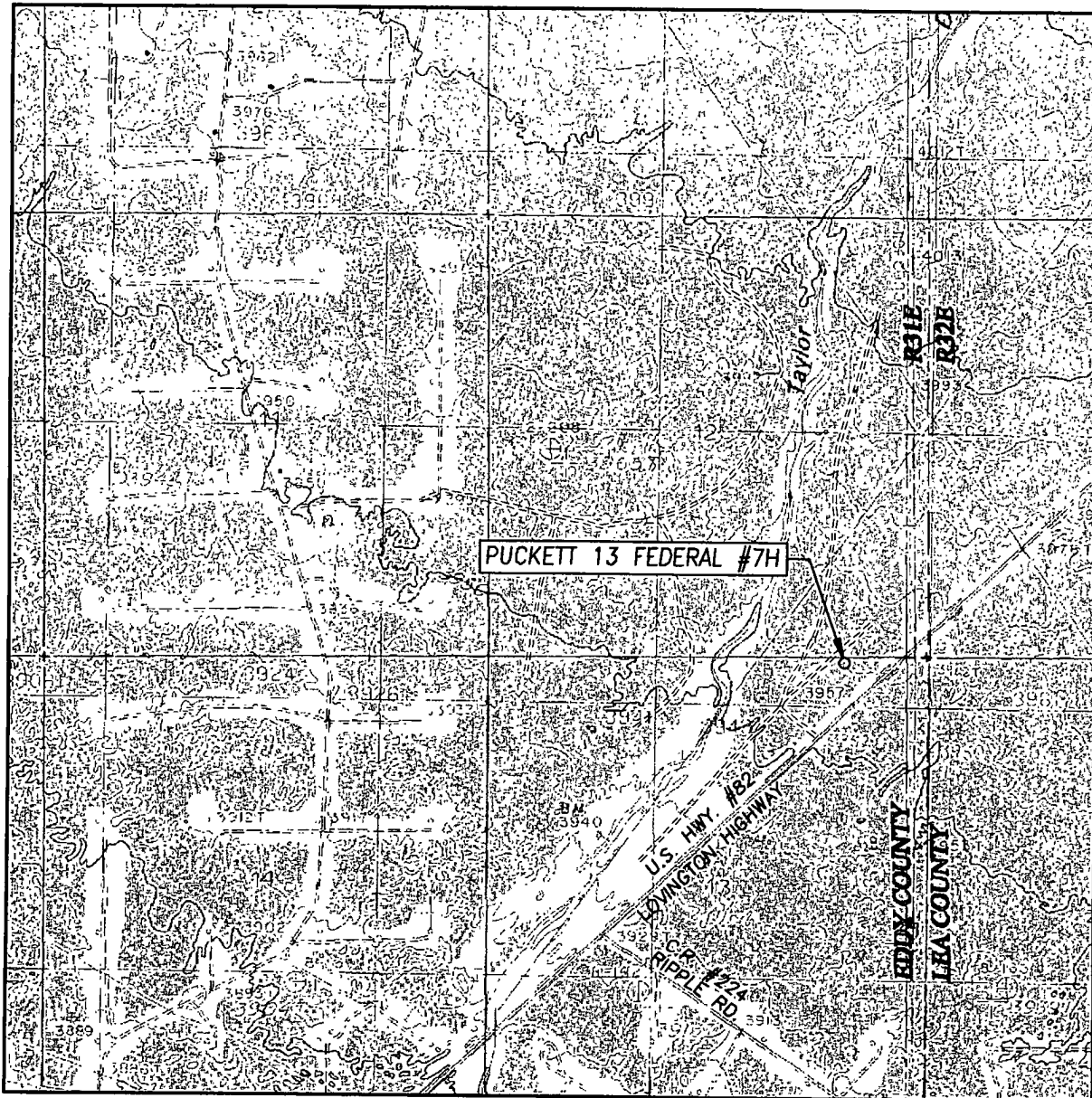


PROVIDING SURVEYING SERVICES
SINCE 1946

JOHN WEST SURVEYING COMPANY

412 N DAL PASO
HOBBS, N.M. 88240
(575) 393-3117

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
MALJAMAR, N.M. - 10'

SEC. 13 TWP. 17-S RGE. 31-E

SURVEY N.M.P.M.

COUNTY EDDY STATE NEW MEXICO

DESCRIPTION 83' FNL & 970' FEL

ELEVATION 3963'

OPERATOR COG OPERATING, INC

LEASE PUCKETT 13 FEDERAL

U.S.G.S. TOPOGRAPHIC MAP
MALJAMAR, N.M.

