

ARCO OIL & GAS COMPANY
EMPIRE ABO UNIT "F" WELL NO. 354
EDDY COUNTY, NEW MEXICO BD1-368
FEBURARY 12, 1983

EASTMAN WHIPSTOCK, INC.	
GYROSCOPIC MULTI SHOT ORIENTATION	WT0283-G0129
SURVEYOR: TROY ONEY	(0'-6192')
GYROSCOPIC MULTI SHOT SURVEY	WT0283-G0136
SURVEYOR: TIM STEPHENS	(6192'-6218')
MAGNETIC MULTI SHOT SURVEY	WT0283-S0143
SURVEYOR: GARY DESPAIN	(6218'-6261')
MAGNETIC MULTI SHOT SURVEY	WT0283-S0139
SURVEYOR: TROY ONEY	(6261'-6274')

Eastman
Whipstock

RECORD OF SURVEY

RADIUS OF CURVATURE METHOD