

WELL NAME AND NUMBER Pacheco Federal Com No. 3LOCATION 2280' FNL & 660' FWL of Section 31, T-19-S, R-28-E  
(Give Unit, Section, Township and Range)

RECEIVED

JAN 25 1979

OPERATOR GULF OIL CORPORATIONDRILLING CONTRACTOR MCVAY DRILLING COMPANYO.C.C.  
ARTESIA, OFFICE

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

Degrees @ Depth

$\frac{1}{4}^{\circ}$	187'
$\frac{3}{4}^{\circ}$	420'
$\frac{3}{4}^{\circ}$	634'
$1^{\circ}$	884'
$2 \frac{3}{4}^{\circ}$	1134'
$2 \frac{3}{4}^{\circ}$	1229'
$2 \frac{1}{4}^{\circ}$	1323'
$1 \frac{1}{2}^{\circ}$	1477'
$1 \frac{1}{4}^{\circ}$	1745'
$2^{\circ}$	1943'
$1 \frac{3}{4}^{\circ}$	2035'
$1 \frac{3}{4}^{\circ}$	2130'
$2^{\circ}$	2224'
$1 \frac{3}{4}^{\circ}$	2318'
$1 \frac{1}{2}^{\circ}$	2412'

Degrees @ Depth

$1 \frac{1}{2}^{\circ}$	2506'
$1^{\circ}$	2661'
$\frac{3}{4}^{\circ}$	2865'
$1 \frac{1}{4}^{\circ}$	3110'
$1 \frac{3}{4}^{\circ}$	3328'
$2^{\circ}$	3482'
$1 \frac{1}{4}^{\circ}$	3605'
$1^{\circ}$	4130'
$0$	4461'
$1^{\circ}$	4876'
$1 \frac{1}{4}^{\circ}$	5345'
$1 \frac{1}{2}^{\circ}$	5841'
$1^{\circ}$	6247'
$1 \frac{3}{4}^{\circ}$	6745'
$1 \frac{3}{4}^{\circ}$	7244'

Degrees @ Depth

$4^{\circ}$	7709'	$3 \frac{3}{4}^{\circ}$	9603'
$4^{\circ}$	7802'	$1^{\circ}$	10,100'
$4 \frac{3}{4}^{\circ}$	7984'	$1 \frac{1}{2}^{\circ}$	10,596'
$5^{\circ}$	8005'	$1 \frac{3}{4}^{\circ}$	10,800'
$4 \frac{1}{2}^{\circ}$	8067'	$1 \frac{1}{4}^{\circ}$	11,180'
$4 \frac{3}{4}^{\circ}$	8128'		
$5^{\circ}$	8190'		
$4 \frac{3}{4}^{\circ}$	8253'		
$4 \frac{3}{4}^{\circ}$	8315'		
$4 \frac{1}{2}^{\circ}$	8378'		
$4^{\circ}$	8450'		
$3 \frac{1}{2}^{\circ}$	8543'		
$3^{\circ}$	8729'		
$1 \frac{3}{4}^{\circ}$	8947'		
$1 \frac{1}{2}^{\circ}$	9228'		

Drilling Contractor McVay Drilling CompanyBy: *[Signature]*Subscribed and sworn to before me this 24th day of October, 19 78*[Signature]*  
Notary PublicMy Commission Expires: February 1, 1982Lea County New Mexico