

WELL NAME AND NUMBER Lea State "FI" No. 1 - NORTHWEST TATUM STATE UNIT NO. 41
 LOCATION NW/4 SE/4 Sec. 10, T-12-S, R-35-E, Lease No. 63,499, Map R-23, Lea Co., N. M.
 (New Mexico give U,S,T & R; Texas give S,Blk.,Sur.& Twp.when required)
 OPERATOR GULF OIL CORPORATION
 DRILLING CONTRACTOR ROWAN DRILLING COMPANY, INC.

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	Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
1/4 96'	1 3480'	1/2 6820'	1/2 9590'
1/4 210'	2-1/4 3800'	1/2 7100'	1/2 9730'
1/2 360'	2-1/4 3900'	1/4 7361'	1/2 9850'
1/2 675'	1-3/4 3992'	1/4 7565'	3/4 9955'
1/2 924'	1-1/4 4200'	1/4 7780'	3/4 10055'
3/4 1175'	1-1/2 4300'	3/4 7975'	3/4 10170'
1/2 1425'	1-3/4 4560'	1/2 8305'	3/4 10250'
1/2 1660'	1-1/2 4740'	1/4 8560'	1/2 10430'
1/2 1977'	1-1/4 4970'	1/4 8610'	3/4 10780'
1/2 2224'	1 5250'	1/2 8749'	3/4 10920'
1 2472'	3/4 5520'	1/4 8965'	1/2 11005'
1 2710'	1 5790'	1/4 9117'	3/4 11160'
1-1/2 2969'	1/2 6045'	1/4 9290'	3/4 11390'
1-1/4 3215'	1/2 6480'	3/4 9455'	3/4 11500'

Drilling Contractor ROWAN DRILLING COMPANY, INC.

By Chief Driller
Executive Vice President

Subscribed and sworn to before me this 7th day of August, 19 64

My Commission Expires:

June 1, 1965

Notary Public
County, Texas